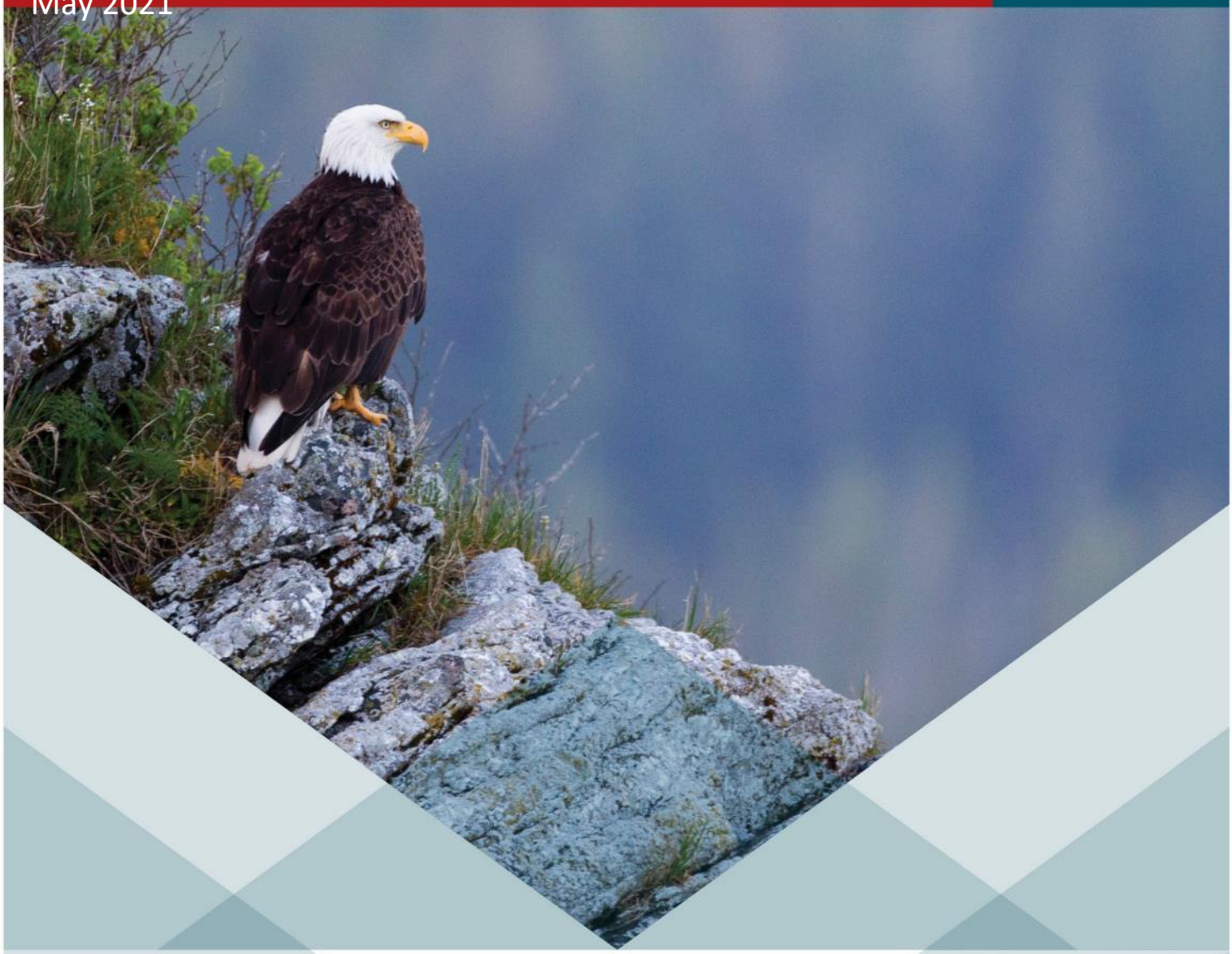
Human Health Risk Assessment on the Effects of Dredging on Marine Country Foods, Kitimat Harbour, British Columbia
May 2021



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EXECUTIVE SUMMARY

This human health risk assessment (HHRA) was completed by Stantec Consulting Ltd. (Stantec) on behalf of LNG Canada Development Inc. (LNG Canada). The purpose of this risk assessment is to comply with the provincial and federal conditions required to support the Environmental Assessment for the LNG Canada Export Terminal Project (the Project), located in Kitimat, British Columbia (BC).

LNG Canada is undertaking the construction and operation of a natural gas liquefaction facility and marine terminal for the export of liquefied natural gas (LNG) in the District of Kitimat. The construction of the marine terminal requires the dredging of approximately 3.5 million cubic metres of sediment from the Certified Dredge Area (CDA) to a depth of at least 14 metres (m) below sea level.

Dredging activities disturb marine sediments which are known to contain chemicals of potential concern (COPC). These COPCs include polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), polychlorinated dibenzo-para-dioxins and polychlorinated dibenzofurans (PCDD/F), cadmium, copper, and zinc. Dredging could influence COPC exposures to benthic marine life such as crabs and groundfish; and affect the local quality of marine foods that people harvest and consume.

In August 2015, a HHRA was conducted as part of the Application for an Environmental Assessment (Application) for the Project. The 2015 HHRA included the prediction that dredging would have no significant effect or a marginal reduction to the concentration of COPCs in marine foods. This prediction meant that there would be no significant Project-related influence on the quality of marine foods, and no significant Project-related change in health risk to people consuming these marine foods.

The provincial and federal conditions issued by the BC Environmental Assessment Office and the Impact Assessment Agency of Canada (IAAC; formerly the Canadian Environmental Assessment Agency), respectively, required LNG Canada to confirm these predictions by establishing a marine food sampling program that would be implemented before and after dredging. Data from the marine food sampling program would be used to quantify the change in marine food quality and the subsequent change in health risk to people consuming these foods. This HHRA presents the data collected from the marine food sampling program and characterizes the 2018 pre-dredge, 2019 post-dredge, and 2020 post-dredge health risk to marine food harvesters.

Since there is no harvesting or consumption of marine foods from Kitimat Harbour due to several overlapping harvesting bans and the general perception among the public that the area is contaminated, the health risk described in this HHRA is hypothetical and based on the over-conservative assumption that the public, members of the Haisla Nation, and other Indigenous groups harvest their entire allotment of marine food from Kitimat Harbour year-round.

Specimens of Dungeness crab and English sole were collected during August and September of 2018 (pre-dredge), August and September 2019 (post-dredge), and August 2020 (post-dredge) at three study areas. The Kitimat Harbour study area is the main area of interest for this HHRA. Kitamaat Village and Kildala Arm are reference sites used to distinguish the effects of dredging from background and regional effects. From these specimens, tissue samples of crab meat, crab hepatopancreas, and sole meat were dissected and analyzed for concentrations of PAH, PCB, PCDD/F, cadmium, copper, and zinc. The laboratory results were used to characterize the health risk to people consuming these foods. The health risk from exposure to non-carcinogens was assessed for PCB, PCDD/F, cadmium, copper, and zinc.

Overall, the measured concentration of COPCs in marine foods from Kitimat Harbour either showed a decrease or no statistically significant change from the 2018 pre-dredge to 2019/2020 post-dredge periods. These results confirm the predictions of the 2015 HHRA that dredging would have no significant effect or a marginal reduction on the concentration of COPCs in marine foods.

The Haisla Nation also expressed interest in the overall quality of marine foods in Kitimat Arm and Kildala Arm. The results of this study show that if a person harvested their entire allotment of marine foods from the Kitimat Harbour, Kitamaat Village, or Kildala Arm study area, there would be a unacceptable health risk from COPC

exposure at all three locations. However, the degree of health risk between each location is similar, meaning that marine foods from Kitimat Harbour did not contain a particularly higher COPC concentration relative to the Kitamaat Village and Kildala Arm reference sites. The results suggests that the concentrations of COPC in marine foods are likely representative of regional background levels. Specifically, the concentration of cadmium, copper, and zinc in marine foods may be naturally occurring in the region encompassing all study areas. Concentrations of PCDD/F may be representative of background levels in the region encompassing all study areas, resulting from atmospheric and hydrospheric transport and deposition. Only PAH and PCB concentrations suggest a potential local anthropogenic source.

The health risk from exposure to carcinogens was assessed for PAH. The results show a statistically significant decrease in the incremental lifetime cancer risk (ILCR) for people exposed to PAH through their consumption of crab meat, crab hepatopancreas and sole meat harvested from Kitimat Harbour from the 2018 pre-dredge to 2020 post-dredge period. Overall, this suggests a net positive effect, where marine foods contained lower PAH concentrations for the 2020 post-dredge period, resulting in a lower health risk to marine food consumers in Kitimat Harbour.

ABBREVIATIONS

BC	British Columbia
CCME	Canadian Council of Ministers of the Environment
CDA	Certified Dredge Area
COPC	chemicals of potential concern
EDI	estimated daily intake
HHRA	human health risk assessment
HQ	hazard quotient
HRMS	high-resolution mass spectrometry
ILCR	incremental lifetime cancer risk
kg	kilogram
km	kilometre
LNG	liquefied natural gas
LNG Canada	LNG Canada Development Inc.
m	metre
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxins
PCDD/F	polychlorinated dibenzo-para-dioxins and polychlorinated dibenzofurans
PCDF	polychlorinated dibenzofurans
ppb	parts per billion (or micrograms per kilogram)
ppm	parts per million (or milligrams per kilogram)

ppt	parts per trillion (or nanograms per kilogram)
TEF	toxic equivalence factor
TEQ	toxic equivalence
TRV	toxicological reference value
UCLM	upper confidence limit of the mean

GLOSSARY

Term	Definition
Application	Application for an Environmental Assessment
Chemical of Potential Concern	chemicals that are identified as being present at concentrations that may be of potential human health risk
Estimated Daily Intake	the estimated daily amount of a chemical that a person is exposed to from their consumption of marine foods
Hazard Quotient	The ratio between the estimated daily intake of a chemical and the toxicological reference value, defining the health risk for that chemical. In British Columbia, a hazard quotient threshold of 1.0 is applied. However, Health Canada has requested the threshold hazard quotient applied in this risk assessment to be 0.2 to account for background exposure of COPCs from other exposure routes (i.e., drinking water, inhalation, dermal contact).
Human Health Risk Assessment	a process that evaluates the potential human health risks associated with predicted exposures to chemicals in the environment
Incremental Lifetime Cancer Risk	the increase in lifetime cancer risk associated with lifetime exposure to a carcinogenic chemical
Quality	The term "quality" is used in this report to describe the measurable concentration of chemicals in a media such as tissue or sediment. Sediment quality and marine food quality specifically refers to the concentration of contaminants that are measurable.
The Project	the LNG Canada Export Terminal Project
Toxic Equivalence	A means of evaluating the toxicity of a chemical mixture containing chemically similar compounds with similar biological effects. The toxicity of the chemical mixture is converted to a concentration of a single chemical with an equivalent toxic potential.
Toxicity	the ability of a chemical to cause biological harm
Toxicological Reference Value	The daily-average exposure limit for a chemical below which there is negligible human health risks. This is sometimes referred to as the "*tolerable daily intake*".

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1. INTRODUCTION

1.1. Overview

LNG Canada Development Inc. (LNG Canada) is undertaking the construction and operation of a natural gas liquefaction facility and marine terminal for the export of liquefied natural gas (LNG) in the District of Kitimat (Figure 1-1). The Project will initially include two LNG processing units, or "trains", each with a processing capacity of 7 million tonnes per annum of natural gas. The Project also includes the option to add two more trains for a maximum operating capacity of 28 million tonnes per annum. The LNG would be loaded onto Q-Flex LNG carriers for export to overseas markets in Asia.

The construction of the marine terminal requires the dredging of approximately 1.7 million cubic metres of sediment from the Certified Dredge Area (CDA) to a depth of at least 14 metres (m) below sea level. Surface sediment in the CDA (0 to 2.5 metre) contains chemicals of potential concern (COPC) at concentrations greater than environmental quality guidelines. These COPCs include polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), polychlorinated dibenzo-para-dioxins and polychlorinated dibenzofurans (PCDD/F), cadmium, copper, and zinc. Dredging of these sediments during the construction of the marine terminal could influence COPC exposures to benthic marine life such as crabs and groundfish, and affect the local quality of marine foods that people harvest and consume.

In August 2015, a human health risk assessment (HHRA) was conducted as part of the Environmental Assessment (Application) (LNG Canada 2015). The 2015 HHRA characterized the existing health risk to people who harvested and consumed Dungeness crab and English sole within 500 metres of the CDA. The health risk was based upon people's dietary exposure to COPCs from the consumption of Dungeness crab meat, crab hepatopancreas, and English sole meat. The 2015 HHRA and supporting technical memoranda included the prediction that dredging within the CDA would not increase COPC concentrations in marine foods but may result in a marginal reduction to the concentration of PAH, PCB, PCDD/F, cadmium, copper, and zinc in these foods. Based on this prediction, it was concluded that there would be no significant Project-related influence on the quality of marine foods, and therefore, no significant Project-related change in health risk to people consuming marine foods near the CDA.

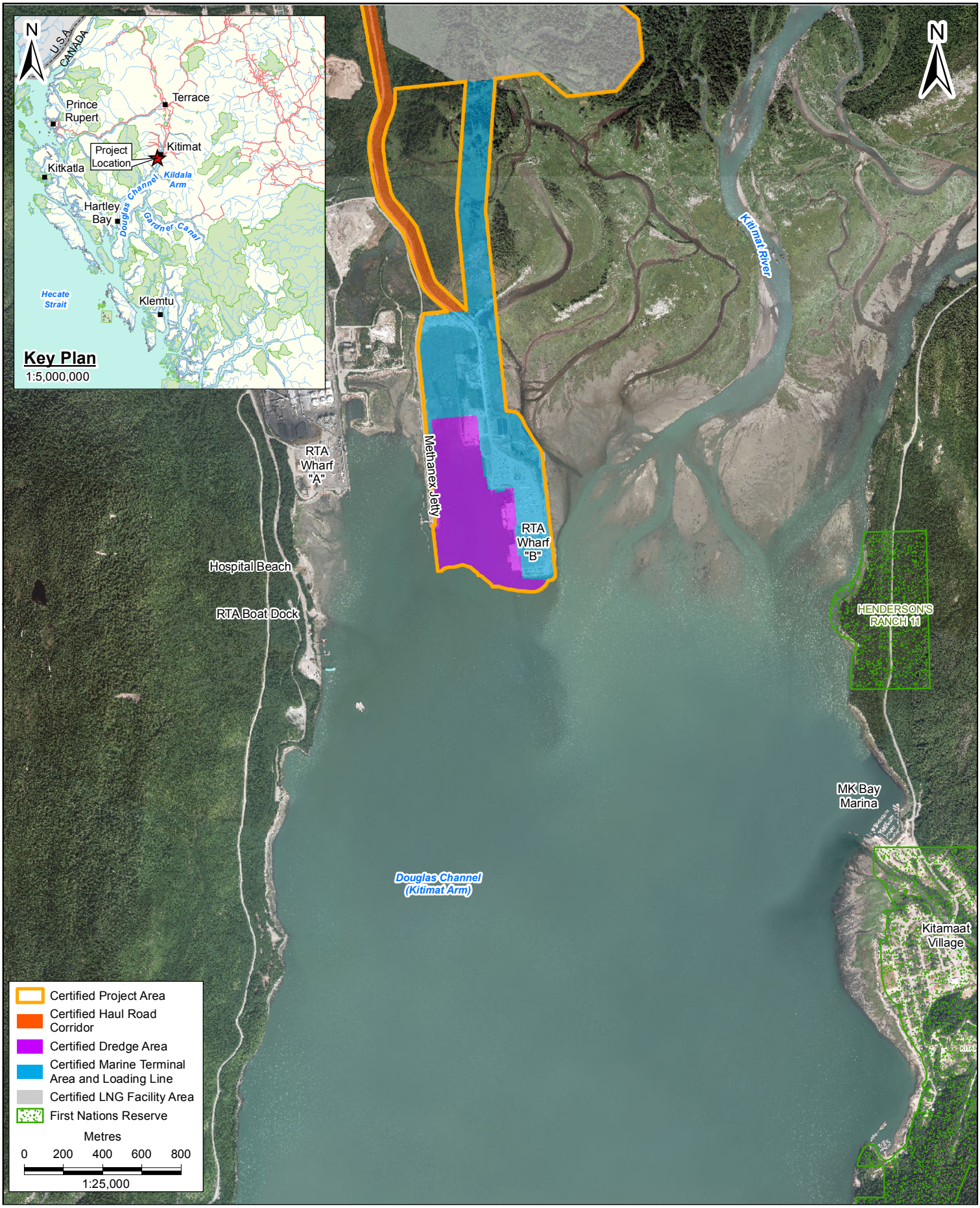
The provincial and federal conditions issued by the BC Environmental Assessment Office and the IAAC, respectively, required LNG Canada to confirm the prediction by establishing a marine food sampling program that would be implemented before and after dredging. Tissue samples from

Dungeness crab and English sole would be submitted for chemical analysis, and the results for each year would be compared to determine whether there are any statistically significant changes in marine food quality.

This HHRA was completed by Stantec Consulting Ltd. (Stantec) on behalf of LNG Canada. The purpose of this HHRA is to comply with the provincial and federal conditions required to support the Environmental Assessment for the LNG Canada Export Terminal Project (the Project) located in Kitimat, British Columbia (BC).

The primary objective of this HHRA is to address the provincial and federal conditions which require confirmation of the conclusions of the 2015 HHRA by comparing the quality of marine foods in the 2018 pre-dredge period with the 2019 and 2020 post-dredge periods, and characterizing the subsequent change in health risk to people.

The secondary objective of this HHRA is to characterize the overall health risk among the three study areas for people consuming marine foods in the region, based on their ingestion exposure to COPCs.



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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

LNG CANADA EXPORT TERMINAL PROJECT LOCATION

LNG CANADA EXPORT TERMINAL
KITIMAT, BRITISH COLUMBIA

PROJECTION	DRAWN BY
UTM9	LT
DATUM	CHECKED BY
NAD 83	RL
DATE	FIGURE NO.
12-MAR-21	**1-1**

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1.2. Study Background

During the development of the Application for the Project, inquiries were made by the Haisla Nation, regulators, and other stakeholders regarding the potential effect that dredging may have on the quality of marine foods. Laboratory analysis of sediment cores taken from the CDA indicated that the upper 2.5 metre layer of sediment contained PAH, PCDD/F, cadmium, copper, and zinc at concentrations that were greater than environmental quality guidelines for the protection of aquatic life and human health. These chemicals originate from a combination of nearby industrial activity and naturally occurring inputs to the environment.

During the review process for the environmental assessment, stakeholders raised a concern that dredging the upper 2.5 metre layer of sediment could create a sediment plume and increase the exposure and uptake of these chemicals into nearby marine life. Consequently, it was presumed by stakeholders that people who harvest and consume these marine foods (e.g., crabs, fish, shellfish) would have a higher exposure to these chemicals, and therefore, a higher degree of health risk.

In response to these inquiries, LNG Canada conducted a HHRA in 2015, which characterized the existing quality of marine foods and existing health risk to people who may harvest and consume these foods near the CDA. The study included the collection of Dungeness crab, and English sole for chemical analysis of PAH, PCDD/F, cadmium, copper, and zinc concentrations. Crab meat, crab hepatopancreas and sole fillets were dissected out and submitted for analysis. Specimens were collected within 500 metres of the edge of the CDA. The 500 metre limit was established in consultation with the Haisla Nation and regulators.

The 2015 HHRA characterized the existing health risk associated with exposure to PCDD/F, cadmium, copper, and zinc, based upon the conservative assumption that people harvest their entire allotment of marine foods from within 500 metres of the CDA. However, potential human health risks associated with exposure to PAH in these foods could not be adequately assessed because the method detection limits of the procedures used to measure PAH concentrations were too high to provide meaningful results for use.

The 2015 HHRA also included the prediction that dredging would not increase the COPC concentrations in marine foods but may result in a marginal reduction to the concentration of COPCs in marine foods. This prediction was based on several lines of rationale:

1. The highest COPC concentrations in the sediment were found on the surface layer, meaning that marine life in the study area was already exposed to sediments (via direct contact, filter feeding, and sediment particle ingestion) containing the highest COPC concentrations.
2. The Project is not a source of PAH, PCDD/F, cadmium, copper, or zinc, meaning that the Project has no potential to increase COPC concentrations in the sediment.
3. Dredging would permanently remove the surface sediment layer that contains COPCs, exposing deeper sediment layers that are clean. Furthermore, as dredging of the deeper sediment layers progressed, the plume of clean sediment would settle on the ocean floor and cover contaminated sediments in areas outside of the CDA. This means that after dredging, marine life that re-settles near the CDA would primarily be exposed to cleaner sediment.
4. The overall area that is affected by dredging (i.e., 500 metre radius of the CDA) is small relative to the home range of many species of marine life. For example, Dungeness crabs commonly migrate up to 10 miles (16 kilometres) during their lifetime (California Department of Fish and Wildlife). This means that mobile species of marine life would likely spend a small proportion of their lifetime within 500 metres of the CDA, and the overall COPC exposure from this area would be negligible over their lifetime.
5. Studies conducted over the last two decades, led by Dr. Curtis Eickhoff and Dr. Mark Yunker, have demonstrated that the dominant contaminants in Kitimat Harbour are PAH. However, these PAH have a very low bioavailability because they are chemically bound to pitch coke particles, as summarized in the 2015 HHRA and associated technical memoranda (LNG Canada 2015). The physical disturbance of sediment during dredging is unlikely to alter the chemical properties of PAH that are bound to pitch coke particles. This means that the bioavailability of PAH in the existing environment is low, and would remain low during dredging.

This prediction meant that there would be no statistically significant increase in COPC concentrations in marine foods after dredging, and no significant Project-related change in health risk to people consuming these marine foods. These findings were submitted as part of the Application for the Project in August 2015.

Following the review of the Application for the Project, the BC Environmental Assessment Office and the IAAC issued a set of conditions that LNG Canada was required to meet as part of its Application. The federal conditions established by the IAAC are in APPENDIX 1. The federal conditions applicable to this HHRA are as follows (verbatim):

6.3 The Proponent shall implement measures related to marine water quality and sediment water quality, including:

- 6.3.1 prior to the commencement of dredging, establishing a shellfish and groundfish tissue baseline and using it to complete a human health risk assessment for the consumption of fish.
- 6.3.6 developing and implementing a post-dredging follow-up program, in consultation with Aboriginal groups, to confirm the human health risk assessment predictions, including additional sampling of the shellfish and groundfish tissue to confirm the assessment predictions regarding the bioavailability and bioaccumulation of contaminants in fish consumed by humans. The Proponent shall communicate the results of the follow-up program to Aboriginal groups.

The provincial conditions established by the BC Environmental Assessment Office are in APPENDIX 2. The provincial conditions applicable to this HHRA are as follows (verbatim):

- Condition 6 Bullet 6: The results of shellfish and groundfish tissue sampling to form a baseline to the satisfaction of the BC Environmental Assessment Office, including the completion of an associated human health risk assessment.
- Condition 6 Bullet 7: A post-dredging follow-up program to confirm the human health risk assessment predictions, including potential additional tissue sampling to confirm the assessment of predictions regarding the bioavailability and bioaccumulation of toxins in marine organisms consumed by humans.

To address potential effects of dredging on the quality of marine foods, LNG Canada is required to confirm the predictions of the 2015 HHRA and establish a new marine food quality baseline prior to dredging with a follow-up sampling program after dredging. This HHRA report is designed to meet those provincial and federal conditions.

The study design of the 2015 HHRA is applied to this risk assessment. However, during the program design and consultation with the Haisla Nation and regulators, several critical adjustments were made to the study design as follows:

1. PCB was added as a COPC. Although PCB was not above sediment quality guidelines in the CDA, it was detected above guidelines approximately 700 metres away in the dredge

pocket for the Rio Tinto Terminal A Extension Project. To address concerns of PCB migration due to dredging at the Rio Tinto dredge pocket, LNG Canada agreed to include PCB as a COPC into the study.

2. PAH, PCB, and PCDD/F will be analyzed in tissues using high-resolution mass-spectrometry (HRMS), applying accredited analytical methods by the US Environmental Protection Agency (US EPA Method 1668A and 1613) and California Environmental Protection Agency (Cal EPA Method 429). HRMS has a lower detection limit relative to gas chromatography—mass spectroscopy. For PAH, the detection limit is a sample detection limit (i.e., the detection limit varies with each sample) of approximately 1 part per billion (ppb). For PCB and PCDD/F, the sample detection limit is approximately 1 part per trillion (ppt). This adjustment was made to lower the detection limits in line with food-grade analysis so that a non-detectable outcome would likely indicate that the health risk is negligible.
3. Two reference sites were added to the study design, which are not affected by dredging in the CDA. The first reference site is approximately 2 kilometres southeast of the CDA and includes the waters within 500 metres of the Kitamaat Village shoreline. This reference site was selected by the Haisla Nation because they are interested in the quality of marine food near their reserve, and the extent of potential contamination from human activities in the region. The second reference site is Kildala Arm, located approximately 30 kilometres southeast of the CDA. This reference site was selected by the Haisla Nation because it is an important harvesting location, and they are interested in the quality of marine foods in an area that they consider to be pristine. The addition of these reference sites may also distinguish the degree of anthropogenic contaminants from naturally occurring background contaminant levels in marine foods.

1.3. Scope and Objective of the Human Health Risk Assessment

The scope of this HHRA is driven by the Project's federal and provincial conditions for an Environmental Assessment Certificate. The scope only includes the assessment of human health related to the harvest and consumption of marine foods within the CDA. The primary objective of this HHRA is to satisfy the federal and provincial conditions described in Section 1.2.

Based upon these conditions, the objectives of this HHRA include: the collection of shellfish (Dungeness crab) and groundfish (English sole) tissue before and after dredging and applying the laboratory results to characterize the change in health risk from the pre-dredge to post-dredge periods, and the confirmation of predictions regarding health risk, and bioavailability and bioaccumulation of chemicals as described in the 2015 HHRA (LNG Canada 2015).

This HHRA applies Health Canada's guidance on conducting HHRAs (Health Canada 2010a, 2010b). The calculation methods and assumptions (e.g., human receptor characteristics, food ingestion rates) used to quantify human health risks are the same as the 2015 HHRA to maintain consistency when comparing the results between pre-dredge and post-dredge periods.

1.4. Study Timeline

The development of the marine food quality program took place between 2015 and 2018, and included consultation with the Haisla Nation, Health Canada, and the BC Ministry of Health. Field collection of marine foods began in 2018. At present, the following program milestones have been completed:

Field Collection

- **August 2018** – Pre-dredge marine food collection period.
- **August 2019** – First post-dredge marine food collection period.
- **August 2020** – Second post-dredge marine food collection period.

Dredging Activities

- **September 1, 2018 to February 15, 2019** – First dredging season completed.
- **September 1, 2019 to February 15, 2020** – Second dredging season completed.
- **September 1, 2020 to February 15, 2021** – Third dredging season completed.

Reporting

- **July 2019** – Summary report for the pre-dredge marine food collection period.
- **March 2020** – Human health risk assessment report comparing the pre-dredge and first post-dredge period.

- **April 2021** – Human health risk assessment report comparing the pre-dredge collection period to the first and second post-dredge collection period.

As of February 15th, 2021, the majority of the dredging activities as defined for the construction phase of the Project were complete.

2. SITE CHARACTERIZATION

The site characterization provides a description of the study areas and the factors that may influence marine food quality and health risk to seafood consumers. This includes a description of existing and past industrial activities near Kitimat Harbour, marine harvesting bans in the region, and harvesting activities reported by the Haisla Nation and other Indigenous groups.

2.1. Historical Activities near Kitimat Harbour

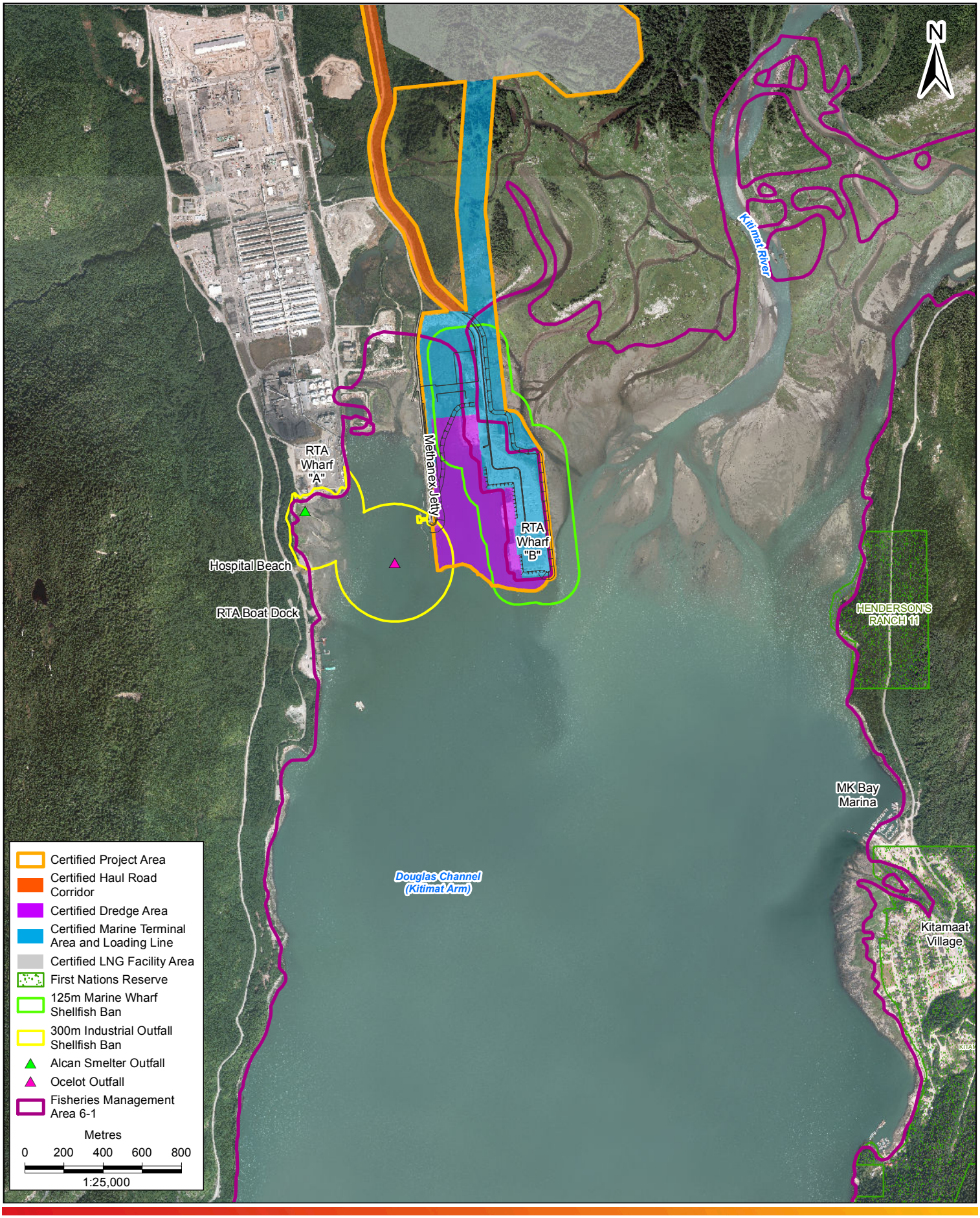
2.1.1. Industrial Activities

The waters of Kitimat Harbour and its surrounding lands are zoned for industrial use. The marine environment in Kitimat Harbour has been influenced by industrial and municipal activities for over 60 years. Four major point sources of waste discharge have operated near Kitimat Harbour (Figure 2-1). These include the waste discharge outfall from:

1. Rio Tinto, BC Works (operational)
2. Kitimat municipal sewage treatment plant (operational)
3. Ocelot Industries Ltd. (operational)
4. Eurocan Pulp and Paper Mill (decommissioned in 2010)

Rio Tinto, BC Works is an aluminum smelter that was the primary source of PAH in the marine environment in Kitimat Harbour and has been operational since the 1950s. The PAH from the aluminum smelter originate from the use of pitch coke as raw material for the anodes in aluminum smelting. Pitch coke is a carbon-rich porous solid produced from the distillation of coal tar. Coal tar is heated until the volatile organics evaporate out, and the remaining solid is pitch coke. Studies on pitch coke in the Kitimat Harbour indicate that PAH in pitch coke is integrated into the carbon matrix, resulting in these PAH having a relatively low bioavailability relative to PAH from other sources such as forest fires or fuel combustion exhaust (Johnson et al 2015, Yunker et al 2011, Paine et al. 1996).

In 2015 and 2016, Rio Tinto, BC Works upgraded its facilities by replacing its original Soderberg smelting potlines with modern AP40 technology smelting potlines. The AP40 smelting potlines reduce electricity consumption rates per unit of product and reduce the production rate and release rates of PAH by up to 97% because the pitch coke anodes are replaced by carbon anodes (Rio Tinto 2014). The remaining 3% of PAH produced from smelter operations are emissions from fuel combustion as part of the standard operation of equipment and vehicles.



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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

HISTORICAL ACTIVITIES AND HARVESTING BANS NEAR KITIMAT HARBOUR

LNG CANADA EXPORT TERMINAL
KITIMAT, BRITISH COLUMBIA

PROJECTION	DRAWN BY
UTM9	LT
DATUM	CHECKED BY
NAD 83	RL
DATE	FIGURE NO.
12-MAR-21	**2-1**

V:\1231\active\EM\123110458\gis\figures\disciplines\human_health\Human Health Risk Assessment on the Effects of Dredging on Marine Country Foods\123110458-Fig_2_1_Historical_Activities_and_Harvesting_Bans_near_Kitimat_Harbour.mxd

The Kitimat municipal sewage treatment plant and Ocelot Industries Ltd. are minor contributors of COPCs in the marine environment, and primarily discharge organic carbon from sewage waste, oil, grease, and methanol (BC ENV 1987).

The Eurocan pulp and paper mill was decommissioned in 2010, but the waste treatment pond is still operational. Although PCDD/F concentrations in the sediment of the CDA were found to be greater than sediment quality guidelines for the protection of aquatic life, the source of these PCDD/F has not been confirmed. The production of PCDD/F is typically associated with older pulp and paper mills that use chlorinated paper bleaching processes. However, the Eurocan pulp and paper mill did not use chlorine in its bleaching process and PCDD/F were almost completely absent from discharges from this pulp mill (Yunker and Cretney 1996). Existing PCDD/F in the marine environment near Kitimat may originate from historical wood preservation operations near Kitimat Harbour where the use of pentachlorophenol preservatives provided a chlorine source for the generation of PCDD/F. Discharges from the Kitimat municipal sewage treatment plant and the Eurocan pulp and paper mill enter the lower Kitimat River and contribute to some COPCs in the marine environment of Kitimat Harbour.

2.1.2. Marine Harvesting Bans

Kitimat Harbour and its surrounding waters are subject to several spatially and temporally overlapping seafood harvesting bans. These harvesting bans are illustrated in Figure 2-1 including:

- Permanent harvesting ban on all species of bivalves within a 300 metre radius of industrial, municipal, and sewage treatment plant outfall discharges (DFO 2013a)
- Permanent harvesting ban on all species of bivalves within 125 metre radius of any marine, ferry wharf or floating living accommodation facility (DFO 2013a)
- Permanent sanitary closure on all shellfish harvesting in Fisheries and Oceans Canada Management Area 6-1 (DFO 2013a)
- Permanent shellfish harvesting ban due to the potential for domoic acid marine biotoxin contamination in clams, mussels, scallops, oysters, cockles, whelks, and crab hepatopancreas (DFO 2013a)
- Permanent shellfish harvesting ban due to the potential for paralytic shellfish poisoning affecting clams, mussels, whelks, moon-shells and dogwinkles, oysters, whole scallops, and the hepatopancreas of crabs and lobsters (DFO 2013a)

It is illegal to harvest, and unsafe to consume, these species of seafood from closure areas at any time of the year (DFO 2013b). Shellfish harvesting bans do not apply to fish.

2.1.3. Traditional Use and Local Harvesting

Members of the Gitga'at First Nation, Gitxaala Nation, Haisla Nation, Kitselas First Nation, Kitsumkalum First Nation, Lax Kw'alaams First Nation, Metlakatla First Nation, and Métis Nation British Columbia are known to harvest traditional marine foods from Douglas Channel and Kitimat Arm. The only traditional territory that overlaps the CDA is that of the Haisla Nation. Reports from the Haisla Nation were used to evaluate the general level of harvesting in the region.

Haisla Nation members harvest marine foods in areas including the Moore Creek and Anderson Creek watersheds, the Lower Kitimat River to Minette Bay area, and along Kitimat Arm (Haisla Nation 2013; Powell 2013). Haisla Nation members catch salmon in the Kitimat River from the river mouth (and approach areas) to roughly 40 kilometres (km) upstream, including steelhead, chinook (spring), sockeye, pink, chum, and coho. Other species harvested by Haisla Nation members in Kitimat Arm include crabs, prawns, shrimp, sea cucumbers, herring, halibut and other ground-fish, cod, and bivalves (primarily cockles and butter clams).

Industrial development and the resulting pollution have severely affected harvesting locations used by Haisla Nation members in the Kitimat River estuary and in the waters and coastline immediately to the west of the Kitimat River mouth (including the Kitimat Harbour area). Haisla Nation members currently do not collect shellfish or crab in the CDA, nor in the marine waters north of Kitamaat Village due to real or perceived chemical contamination (Powell 2013) and most local residents (presumably including Haisla Nation members) avoid fishing near Kitimat Harbour over the same concerns (Hummel and Langagger 2013, pers. comm.). Pollution from the Eurocan pulp and paper mill was suspected to have reduced local stocks of butter clams and cockles, forcing Haisla Nation members to travel as far as Clio Bay to harvest shellfish (Powell 2013). Field observations conducted during the course of field work for this HHRA noted that soft-shelled clams of the Mya genus were the most abundant along Hospital Beach, with no observed clams along the shoreline of Kitamaat Village due to poor bivalve habitat that was predominantly gravel and cobble material.

Eulachon fishing has not taken place in the Kitimat River area since 1971 because of contamination due to effluent from the Eurocan pulp and paper mill (Gordon et al.; Powell 2013). With the loss of the Kitimat River eulachon fishery, Haisla Nation members now travel long distances to fish for eulachon in the Kemano River, a smaller system with a reduced eulachon fishery (Gordon et al.).

The Eurocan Taint Management Committee was formed in 1995 to address the effects of pollution on species harvested by the Haisla Nation (in particular, eulachon). The committee included representatives from the BC provincial government, the District of Kitimat, Environment Canada, the Haisla Nation, and the Eurocan pulp and paper mill. The Test Development Committee (a subcommittee of the Eurocan Taint Management Committee) was created to develop a method for determining if treatment of the mill effluent was sufficient to reduce tainting of the eulachon (BC Environmental Appeal Board 1999). The Eurocan pulp and paper mill closed in 2010, removing this source of pollution in the Kitimat River estuary, but operations to treat water from the Eurocan site continue; and treated water is released into the marine environment.

3. PROBLEM FORMULATION

The objective of the problem formulation stage is to develop an overall understanding of how people may come into contact with contaminants at a site so that exposures and the potential health risks can be evaluated. The problem formulation is comprised of three main components: identifying the relevant COPCs (screening) that could affect human health risk; identifying human receptors within the assessment area; and, identifying the plausible exposure pathways through which human receptors could be exposed to COPCs.

These three components of the problem formulation stage are integrated to develop a conceptual site model, which is the foundation of a risk assessment. The conceptual site model identifies the plausible exposure pathways where human receptors could be exposed to COPCs.

3.1. Study Areas

There are three study areas included in this HHRA, shown in Figure 3-1. Their purpose and rationale for selection are as follows:

1. **Kitimat Harbour** - The Kitimat Harbour study area is the primary location of interest, and includes all marine waters within a 500 metre distance of the CDA. The marine environment in this area has been affected by historical activities described in Section 2.1. The 500 metre radius from the CDA was established as the study area to be consistent with the 2015 HHRA (LNG Canada 2015).
2. **Kitamaat Village** - The Kitamaat Village study area is a reference site approximately 2 km southeast of Kitimat Harbour. It includes the waters within 1 km west of the Village shoreline. The waters near the two marinas at the north and south ends of Kitamaat Village are excluded because they may be ongoing sources of fuel-based contaminants from boats. The Kitamaat Village study area is not expected to be affected by dredging activities; but it may have been affected by historical industrial activities in Kitimat Harbour and the Kitimat Arm in general. This reference site was selected by the Haisla Nation to investigate the current quality of marine food in the area.
3. **Kildala Arm** - The Kildala Arm study area is approximately 30 km southeast of Kitimat Harbour by boat. It includes the waters at the eastern tip of Kildala Arm. This study area is unaffected by industrial activities in the region. This reference site was also selected by the Haisla Nation because it is an important location for harvesting marine foods. It is also used for harvesting by residents of Kitimat, tourists, and fishing charters.

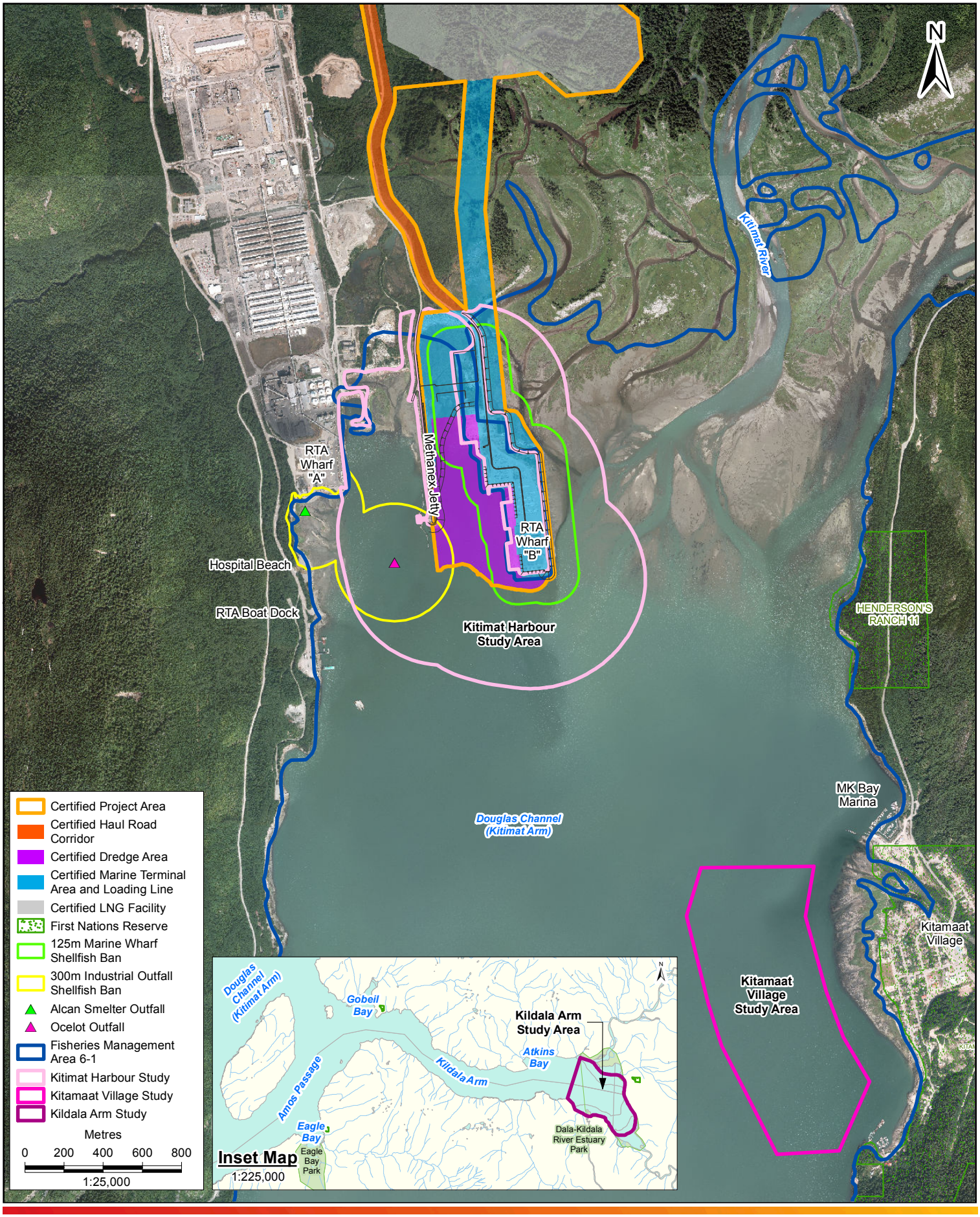
3.2. Certified Dredge Area

The CDA is within the Kitimat Harbour study area. During the construction phase, dredging of approximately 1.7 million cubic metres of sediment in the CDA will deepen the basin to a depth of 14 metres below sea level to accommodate LNG carriers and other support vessels.

During the development of the environmental assessment for the Project, sediments in the CDA were determined to contain concentrations of organic contaminants and some metals that were higher than the Canadian Council of Ministers of the Environment (CCME) sediment quality guideline for the protection of aquatic life and BC Contaminated Sites Regulations standards for soil quality for industrial land use. The surface 2.5 metre sediment layer contained the highest contaminant concentrations that once dredged and handled as soil, were greater than the industrial land use standards, and therefore, characterized as IL+ (i.e., above industrial land use standards). Sediments dredged from depths deeper than 2.5 metre had concentrations of contaminants that were below the industrial land use soil standards, and characterized as IL-.

Sediments characterized as IL+ for disposal purposes were dredged and disposed of off site in accordance with regulatory requirements. Sediments characterized as IL- for disposal purposes were dredged and disposed of in the Project on-site Dredgeate Disposal Site. Sediments characterized as acceptable for disposal at sea were disposed of at sea to the west of Kitamaat Village. The disposal at sea site was established through consultation with the Haisla Nation, and it is their preferred disposal at sea location.

Dredging of the IL+ sediment layer may re-distribute organic and metal contaminants in the marine environment. The concern is that disturbing the IL+ sediment layer through dredging could change how marine life is exposed to these chemicals, and potentially result in higher contaminant concentrations in marine foods that people consume.



V:\1231\active\EM\123110458\gis\figures\disciplines\human_health\Human Health Risk Assessment on the Effects of Dredging on Marine Country Foods\123110458-Fig_3_1_Kitimat_Harbour_Study_Area.mxd

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

STUDY AREAS

LNG CANADA EXPORT TERMINAL
KITIMAT, BRITISH COLUMBIA

PROJECTION	DRAWN BY
UTM9	LT
DATUM	CHECKED BY
NAD 83	RL
DATE	FIGURE NO.
13-MAR-21	**3-1**

3.3. Chemical of Potential Concern Screening

The COPCs that are assessed in this HHRA were established as part of the 2015 HHRA (LNG Canada 2015) and related consultation during program development. The screening of COPCs was based upon the maximum detected concentration of PAH, PCB, PCDD/F, and metals in sediment samples from the CDA, which were compared to the following environmental quality guidelines:

- CCME soil quality guidelines for residential use for the protection of human health
- CCME sediment quality guidelines for the protection of aquatic life

Based on this screening method, PAH, PCDD/F, cadmium, copper, and zinc were identified as COPCs. PCB was not screened as a COPC, but it was detected above environmental quality guidelines approximately 700 metres away in the dredge pocket for the Rio Tinto Terminal A Extension Project. LNG Canada agreed to include PCB as a COPC for this study to address concerns that dredging in the Rio Tinto dredge pocket could affect the quality of marine food in the Kitimat Harbour study area.

Table 3-1 presents the range of chemical concentrations that were detected among the sediment samples collected as part of the 2015 baseline studies for the Environmental Assessment.

Table 3-1 2015 Marine Sediment Quality in the Certified Dredge Area

Chemical	Concentration in Surficial Sediment (0.3 m - 2.5 m)	Concentration in Deep Sediment (2.5 m - 14.3 m)	CCME Soil Quality Guidelines (Residential Use) for the Protection of Human Health	CCME Sediment Quality Guidelines for the Protection of Aquatic Life (Interim Guideline)
PAH (mg/kg)[A]	< 0.05–163.4	1.37–5.86	20	0.0888
PCB (mg/kg)	< 0.03	<0.03	1.3	21.5
PCDD/F (ng TEQ/kg)	0.01–5.89	Not Analyzed	4	0.85
Cadmium (mg/kg)	< 0.05–1.62	< 0.05–0.205	10	0.7
Copper (mg/kg)	11.2–176	14.1–42.1	63	18.7
Zinc (mg/kg)	27.2–391	29.3–62.6	250	124

NOTE:

[A] Based on benzo(a)pyrene toxic equivalents

3.4. Human Receptor Identification

Human receptors may include members of the Gitga'at First Nation, Gitxaala Nation, Haisla Nation, Kitselas First Nation, Kitsumkalum First Nation, Lax Kw'alaams First Nation, Metlakatla First Nation, Métis Nation British Columbia and the general public in Kitimat or Kitamaat Village who may consume marine foods harvested from the study area. Kitamaat Village is the nearest Indigenous community to the project site. The life stages that are considered include toddlers (1 to less than 5 years) and adults (20 to less than 80 years). Toddlers are assessed because they have a higher rate of food consumption per unit body weight relative to adults. This means that the exposure dose of a COPC through the diet is greater for toddlers than adults, providing a more conservative estimate of health risk. Adults are assessed because they represent a lifetime of exposure with a higher rate of food consumption. Therefore, the adult lifestage is used to assess potential cancer risk from exposure to carcinogenic COPCs such as PAH. Infants less than 1 year old typically have a liquid diet consisting of mother's milk or formula, and are therefore not considered in this assessment. Children (5 to 12 years old) and teenagers (13 to 19 years old) are not considered in this assessment because they have a lower rate of food consumption per unit body weight relative to toddlers, and would therefore provide a less conservative estimate of health risk.

Other human receptors include recreational users, tourists, and seasonal residents. The consumption rates of locally harvested marine foods for these receptors are lower than permanent residents due to the temporary nature of their residency. Therefore, evaluating the health risk to members of the local Indigenous groups and permanent residents is protective of recreational users, tourists, and seasonal residents.

3.5. Conceptual Site Model

The conceptual site model is the core component of the HHRA, which describes the means by which human receptors can be exposed to COPCs in the environment. When a plausible and relevant exposure pathway is identified, it is defined as "operable" and is evaluated in greater detail in the HHRA. Pathways that are not plausible or not relevant to the Project are defined as "inoperable" and are not evaluated further.

The scope of this assessment includes the conceptual site model illustrating the operable pathway by which human receptors could be exposed to COPCs from their diet of marine foods (Figure 3-2). These COPCs primarily originate from effluent generated by current and historical industrial activities in the marine environment of Kitimat Harbour. Marine wildlife may take up these COPCs through direct contact or ingestion of water and sediment, or from its food. Human receptors may take up these COPCs indirectly from their consumption of marine foods harvested from Kitimat Harbour.

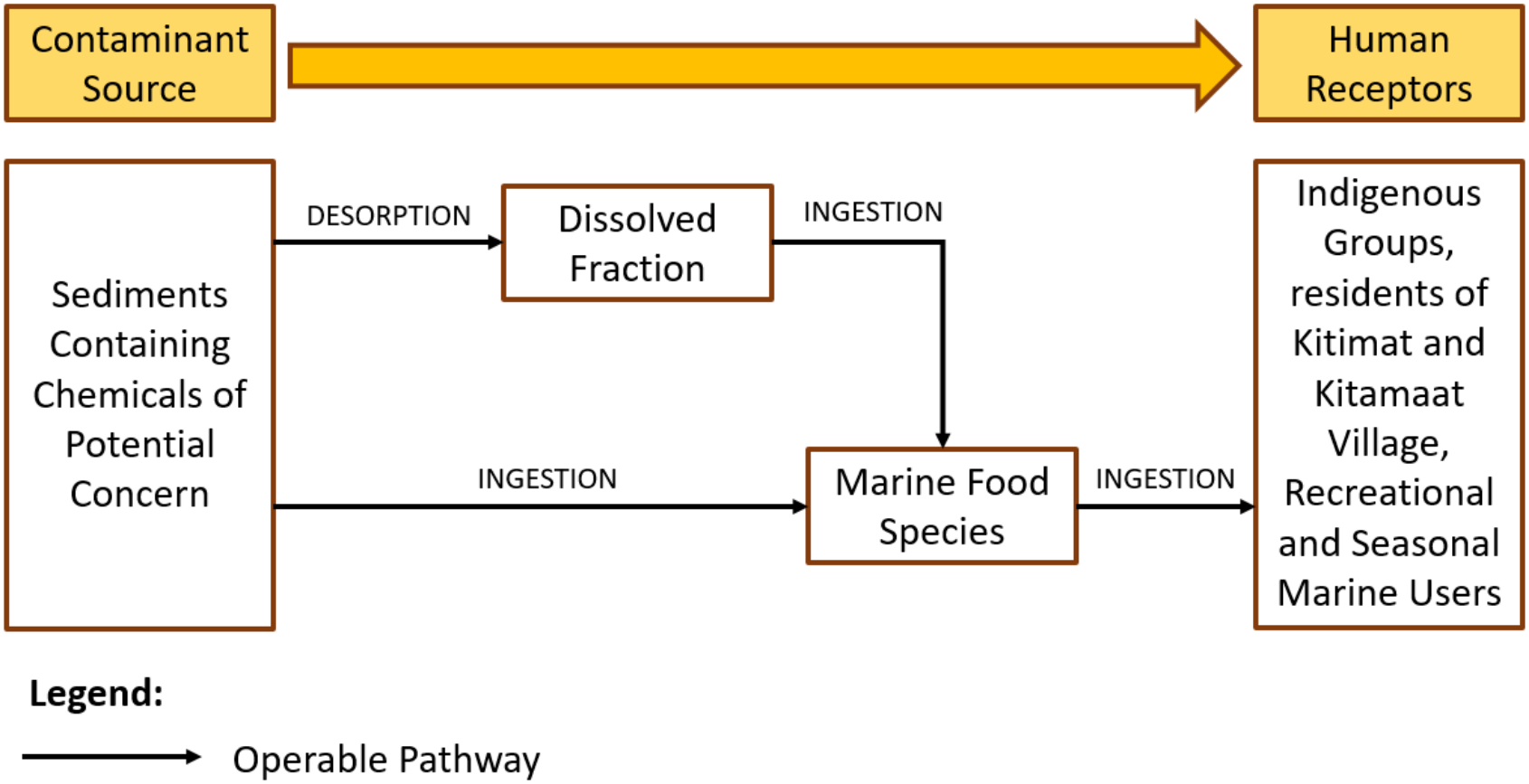


Figure 3-2 Conceptual Site Model

4. TOXICITY ASSESSMENT

4.1. Introduction

The toxicity assessment identifies the toxicological reference value (TRV) for each COPC. The TRVs used in this assessment apply to oral ingestion exposures only.

For non-carcinogenic health effects, the TRVs represent threshold doses. An oral dose that is less than the threshold dose represents a negligible health risk. In general, the body can manage low doses of non-carcinogenic COPCs through metabolism or excretion so that the COPC concentration does not reach a level in the body that could cause an adverse effect.

For carcinogenic health effects, the TRVs apply to non-threshold effects. Theoretically, there is no safe dose for a carcinogenic COPC because any degree of exposure carries a risk. Cancer risk from exposure to carcinogenic COPCs is cumulative over a lifetime, recognizing that for many carcinogens, there is a latency period between exposure and effect. The TRV for carcinogenic COPCs represents the incremental increase in cancer risk per unit of exposure.

4.2. Methods

The TRVs applied in this assessment are cited from Health Canada's risk assessment guidance documents (Health Canada 2010c). TRVs are provided for toddler and adult life stages when applicable for some non-carcinogenic COPCs. TRVs for carcinogenic COPCs do not apply life stages, because the carcinogenic risk assumes a lifetime of exposure.

Chemical groups such as PAH, PCB, and PCDD/F may contain tens or hundreds of substances with different molecular structures. Each substance within that group is referred to as a congener. The congeners within a chemical group often share similar molecular structures, physiochemical properties and adverse health effects, but they can vary considerably in toxic potency. To reduce the complexity of assessing every congener independently, a toxic equivalence factor (TEF) is applied to adjust for the toxic potency. The concentration of the congener is multiplied with its TEF, and the product is represented as a toxic equivalence (TEQ) to the most toxic congener in that chemical group.

For example, the PAH chemical group contains hundreds of congeners. Among these, eight congeners are carcinogenic with benzo(a)pyrene having the highest toxicity with a TEF of 1.0. Benzo(b/j)fluoranthene has a TEF of 0.1, meaning its carcinogenic potency is 10% of benzo(a)pyrene. Table 4-1 shows a sample calculation of a PAH mixture, where the total concentration of carcinogenic PAH is 9.27 ppb, but with the toxic equivalence of 0.37 ppb TEQ of benzo(a)pyrene.

Table 4-1 Sample Conversion of PAH Mixture to Toxic Equivalence

Polycyclic Aromatic Hydrocarbon	Measured Concentration (ppb)	Toxic Equivalence Factor (TEF)	Toxic Equivalence (ppb TEQ)
Benzo(a)pyrene	0.03	1	0.03
Benzo(b/j)fluoranthene	0.03	0.1	0.003
Benzo(a)anthracene	0.05	0.1	0.005
Chrysene	7.0	0.01	0.07
Benzo(k)fluoranthene	0.01	0.1	0.001
Indeno(1,2,3-cd)pyrene	2.0	0.1	0.2
Dibenz(a,h)anthracene	0.06	1	0.06
Benzo(g,h,i)perylene	0.09	0.01	0.0009
Total Concentration	**9.27**		**0.37**

The TEQ conversion method was developed by the United States Environmental Protection Agency, and it is recognized by Canadian and international environmental regulatory agencies. Table 4-2 lists the TEFs that are applied to PCDD/F, PCB, and PAH (CCME 2010, WHO 2005).

Table 4-2 Toxic Equivalency Factors for PCDD/F, PCB, and PAH

PCDD/F	TEF	PCB	TEF	PAH	TEF
2,3,7,8-Tetra CDD	1.0	33'44'-TetraCB	0.0001	Benzo(a)pyrene	1.0
1,2,3,7,8-Penta CDD	1.0	344'5-TetraCB	0.0003	Benzo(b/j)fluoranthene	0.1
1,2,3,4,7,8-Hexa CDD	0.1	233'44'-PentaCB	0.00003	Benzo(a)anthracene	0.1
1,2,3,6,7,8-Hexa CDD	0.1	2344'5-PentaCB	0.00003	Chrysene	0.01
1,2,3,7,8,9-Hexa CDD	0.1	23'44'5-PentaCB	0.00003	Benzo(k)fluoranthene	0.1
1,2,3,4,6,7,8-Hepta CDD	0.01	23'44'5'-PentaCB	0.00003	Indeno(1,2,3-cd)pyrene	0.1
Octa CDD	0.0003	33'44'5-PentaCB	0.1	Dibenz(a,h)anthracene	1.0
2,3,7,8-Tetra CDF	0.1	HexaCB	0.00003	Benzo(g,h,i)perylene	0.01
1,2,3,7,8-Penta CDF	0.03	23'44'55'-HexaCB	0.00003		
2,3,4,7,8-Penta CDF	0.3	33'44'55'-HexaCB	0.03		
1,2,3,4,7,8-Hexa CDF	0.1	233'44'55'-HeptaCB	0.00003		
1,2,3,6,7,8-Hexa CDF	0.1				
2,3,4,6,7,8-Hexa CDF	0.1				
1,2,3,7,8,9-Hexa CDF	0.1				
1,2,3,4,6,7,8-Hepta CDF	0.01				
1,2,3,4,7,8,9-Hepta CDF	0.01				
Octa CDF	0.0003				

4.3. Toxicological Reference Values

4.3.1. Polycyclic Aromatic Hydrocarbons (PAH)

PAH belong to a class of over 100 congeners that are characterized by a molecular structure containing multiple aromatic rings. They are produced through the incomplete combustion of organic compounds such as coal, crude oil, gasoline, wood, and garbage. Natural sources of PAH in the environment include volcanic eruptions and fires.

Among the over 100 PAH congeners, eight are carcinogenic with varying degrees of carcinogenic potency. These include: benzo(a)pyrene, benzo(b/j)fluoranthene, benzo(a)anthracene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, and chrysene.

Among the carcinogenic PAH, benzo(a)pyrene has the highest carcinogenic potency (i.e., TEF = 1.0). A TEF is applied to the other carcinogenic PAH congeners that allows for a PAH mixture to be represented as a TEQ of benzo(a)pyrene. The carcinogenic TRV cited from Health Canada is 2.3 $(mg/kg\text{-}bw\text{-}d)^{-1}$ for benzo(a)pyrene (Health Canada 2010c).

4.3.2. Dioxins and Furans (PCDD/F)

PCDD/F are persistent organic pollutants in the environment that are produced through combustion of organic compounds in the presence of chloride. Natural sources of dioxins include volcanic eruptions and forest fires, while anthropogenic sources of dioxins include incineration, metal smelting and refining, and chemical manufacturing. There are 75 congeners of polychlorinated dibenzo-p-dioxins (PCDD), seven of which are considered toxic. There are also 135 congeners of polychlorinated dibenzofurans (PCDF), ten of which are considered toxic. The most toxic congener is 2,3,7,8-TCDD and it has a TEF of 1.0. The remaining PCDD/F congeners that are toxic have a TEF that is less than 1.0, as shown in Table 4-2.

Health effects from exposure to PCDD/F include skin disorders (i.e., chloracne), impairment of function to the liver, immune system, and endocrine system, and developmental effects to the nervous system (Health Canada 2005).

The non-carcinogenic TRV for PCDD/F is 2.3 pg TEQ/kg bw-day based on Health Canada's tolerable daily intake of 2,3,7,8-TCDD equivalents (Health Canada 2010c). Health Canada has concluded that epidemiological evidence is inadequate to designate PCDD/F as carcinogenic.

4.3.3. Polychlorinated Biphenyls (PCB)

PCB are persistent organic pollutants in the environment with no naturally occurring sources. They are produced primarily for use as coolants, insulating fluids, and hydraulic fluids in electrical equipment, transformers, and capacitors because of its low flammability, low vapor pressure, and low dielectric constant. Due to their toxic effects to people, Canada banned the manufacture, import, and sale of PCB in 1977, and banned the release of PCB into the environment in 1985. Similar bans were applied around the same time by developed nations across the globe. However, PCB are still used today in electrical equipment pre-dating the ban, and in some developing countries that did not take part in the ban.

PCB have been detected throughout the world as a result of atmospheric and hydrospheric transport. While the ocean represents the main sink of PCB due to its large volume and dissolving capacity, PCB that volatilize into the air can transport and deposit into pristine environments with no local PCB sources.

PCB include a group of 209 congeners in which one to ten chlorine atoms can replace hydrogen atoms. Toxic effects among the dioxin-like PCB congeners are similar to those of dioxins and furans, but with varying toxic potencies. Health Canada recommends that the assessment of dioxin-like PCB should apply TEFs to convert a PCB mixture to an equivalent concentration of 2,3,7,8-TCDD, and the risk associated with PCDD/F and PCB combined in a risk assessment. Therefore, the TRV for dioxin-like PCB is 2.3 pg TEQ/kg bw-day based on Health Canada's tolerable daily intake of 2,3,7,8-TCDD equivalents (Health Canada 2010c). Health Canada has concluded that epidemiological evidence is inadequate to designate PCB as carcinogenic.

4.3.4. Cadmium

Cadmium is a toxic metal that has various industrial and commercial applications such as paints and nickel-cadmium rechargeable batteries. There are no known significant deposits of cadmium. The only cadmium mineral of importance is greenockite (i.e., cadmium sulfide), which is almost always associated with the zinc mineral, sphalerite (i.e., zinc sulfide). Therefore, cadmium is typically produced as a by-product of zinc mining, smelting, and refining. Cadmium tends to concentrate in organs such as the kidney and liver where metal metabolism and excretion takes place in animals.

The target organs for adverse effects from cadmium are the bones and kidneys. Chronic effects of long-term oral exposure to low doses of cadmium include fragile bones, and kidney damage, specifically the renal cortex. The acute effects of short-term oral exposure to high levels can lead to stomach irritation, including vomiting and diarrhea (ATSDR 2008).

The TRV for cadmium is based on Health Canada's oral tolerable daily intake 0.001 mg/kg bw-day (Health Canada 2010c). Health Canada and the United States Environmental Protection Agency has concluded that there is insufficient evidence to establish a carcinogenic effect from oral exposures to cadmium (Health Canada 2010c, US EPA IRIS 1987).

4.3.5. Copper

Copper is a ubiquitous metal in modern life that is used in pipes, wires, cookware, coin currency, and most types of products with electronic components. Copper is an essential trace element that is vital to all life. It is a component of various proteins and enzymes, and it is required for proper function of some metabolic processes. The adult recommended daily intake for copper to maintain health is 0.9 milligrams per day (approximately 0.012 mg/kg-bw day), with an upper limit of 10 milligrams per day (approximately 0.13 mg/kg-bw day). At doses above the upper limit, high copper exposure may result in hepatotoxicity and gastrointestinal effects.

The TRV for copper is based on Health Canada's tolerable daily intake of 0.091 mg/kg bw-day for toddlers and 0.141 mg/kg bw-day for adults 20 years and older (Health Canada 2010c). These values are based on human nutrition studies of vitamin supplements, recognizing that copper is an essential trace element in human metabolism that can be toxic at excessive doses. There is no carcinogenic TRV for copper as there is little evidence indicating that copper is causally associated with the development of cancer in humans.

4.3.6. Zinc

The TRV for zinc is based on the United States Environmental Protection Agency oral reference dose of 0.48 mg/kg bw-day for toddlers and 0.57 mg/kg bw-day for adults 20 years and older, which is based on human clinical studies (Health Canada 2010c).

Zinc is an essential element that is required for proper enzymatic function and metabolic processes in almost all forms of life. In humans, zinc plays a role in enzyme function, metabolism, immunity, and homeostasis. Health Canada's recommended dietary intake for zinc to maintain health is estimated at 3 to 7 mg/day for children under 12 years old, and 8 to 9 mg/day for adults (i.e., up to 0.11 mg/kg-bw day).

The acute effects of short-term exposure to large quantities include stomach cramps, nausea, and vomiting (ATSDR 2005). The chronic effects of long-term exposure to small quantities of zinc can cause anemia and a decrease in beneficial cholesterol in the body. Copper and zinc uptake are competing mechanisms in the human body and high chronic exposures to zinc may lead to poor copper utilization and copper deficiency by decreasing the activity of the erythrocyte copper and zinc superoxide dismutase enzyme. Epidemiological studies completed on humans and animals have not shown a relationship between zinc and cancer development.

4.3.7. Summary of Toxicological Reference Values

Table 4-3 provides a summary of the TRVs applicable to this risk assessment.

Table 4-3 Toxicological Reference Value Summary

Chemical of Potential Concern	Non-carcinogenic TRV (mg/kg bw-day)	Carcinogenic TRV $(mg/kg\text{-}day)^{-1}$
PAH (as Benzo(a)pyrene)	Not applicable	2.3
PCDD/F (as 2,3,7,8-TCDD)	2.3×10^{-9}	Not applicable
PCB (as 2,3,7,8-TCDD)	2.3×10^{-9}	Not applicable
Cadmium	0.001	Not applicable
Copper (Adult)	0.141	Not applicable
Copper (Toddler)	0.091	Not applicable
Zinc (Adult)	0.57	Not applicable
Zinc (Toddler)	0.48	Not applicable

5. EXPOSURE ASSESSMENT

5.1. Introduction

The exposure assessment provides the human receptor characteristics (body weight, food ingestion rates) used to evaluate the dose of COPCs that human receptors are exposed to from their ingestion of marine foods. Human receptor characteristics are used to quantify the estimated daily intake (EDI) of a COPC.

5.2. Methods

Health Canada provides guidance on the methods for calculating the EDI based on the concentration of a COPC in food and human receptor characteristics (Health Canada 2010a).

The following equation was used to calculate EDI:

$$EDI_{COPC} = \frac{IR_{food} \times C_{food} \times F}{BW}$$

Where:

- EDI_{COPC} = estimated daily intake of a COPC from marine food (mg/kg body weight-day)
- IR_{food} = Ingestion rate for a specific marine food (kg/day)
- C_{food} = COPC concentration in a specific marine food (mg/kg), presented in Table 5-2
- F = Consumption frequency; assumed to be every day for the entire year or 1 (unitless)
- BW = Body weight (kg)

5.2.1. Human Receptor Characteristics

Human receptor characteristics used to calculate the EDI include body weight (kg), ingestion rate (kg/day), and consumption frequency (number of days consuming per year) of the selected marine foods. Table 5-1 presents the human receptor characteristics for toddlers (1 to less than 5 years old) and adults (20 to less than 80 years old) based on human receptor characteristics described in Richardson (1997) and Richardson and Stantec (2013).

Indigenous use of locally harvested marine foods in coastal communities is usually greater than the general public. Indigenous ingestion rates for crab and sole are based on reported values from Richardson (1997) for Indigenous male and female consumers of fish and shellfish, which excluded study participants that reported no consumption of fish and shellfish. These ingestion rates are intended to represent marine foods harvested in all areas of Kitimat Arm. The ingestion rate of marine foods harvested near Kitimat Harbour is not available due to the perceptions of contamination in the area and general avoidance of harvesting described in Section 2.1.3. It is reasonable to assume that there is no active harvesting of marine foods in the Kitimat Harbour study area defined by a 500-m radius around the CDA since there is no public access to Kitimat Harbour. Warning signs are posted at beach sites (i.e., Hospital Beach) and marinas (i.e., MK Marina in Kitamaat Village) indicating that shellfish and crab harvesting is prohibited year-round. People who are not aware of the historical industrial activity in Kitimat Harbour are still expected to avoid harvesting near Kitimat Harbour due to the signage. It is unlikely that Indigenous marine food harvesters, tourists, and fishing charters would intentionally approach visible industrial facilities near Kitimat Harbour for the purpose of fishing and crabbing. Harvesting near Kitimat Harbour was observed to be infrequent, and the Haisla Nation have actively said that they do not harvest from this area of Kitimat Harbour due to their perception that the area is contaminated.

Although it does not appear that people actively harvest marine foods near Kitimat Harbour, risk assessments typically make conservative assumptions to protect human health. Therefore, it was assumed that people harvest marine foods from Kitimat Harbour.

The adult daily ingestion rate of 0.02 kg/day for crab hepatopancreas assumes that one crab is consumed every day. The average hepatopancreas weight from the sampled crabs was 0.02 kilograms (kg). The toddler consumption of hepatopancreas was 43% of the adult consumption based on guidance from Richardson (1997).

Table 5-1 Human Receptors Characteristics

	Toddler	Adult	Indigenous Toddler	Indigenous Adult
Body Weight (kg)	15.3[a]	76.5[a]	15.3[a]	76.5[a]
Consumption Frequency; every day of the year, or 1 (unitless)	1	1	1	1
Crab Meat Ingestion Rate (kg/day)	0.056[b]	0.111[b]	0.094[b]	0.223[b]
Crab Hepatopancreas Ingestion Rate (kg/day)	0.0086	0.02	0.0086	0.02
Fish Ingestion Rate (kg/day)	0.056[b]	0.111[b]	0.094[b]	0.223[b]

NOTES:

[a] Richardson and Stantec (2013)

[b] Richardson (1997)

5.3. Marine Country Food Quality

Specimens of Dungeness crab and English sole were collected from Kitimat Harbour, Kitamaat Village, and Kildala Arm each year corresponding to the following collection periods:

- August 2018 – Pre-dredge
- August 2019 – Post-dredge 1
- August 2020 – Post-dredge 2

Dungeness crab and English sole were shipped in chilled coolers to Bureau Veritas Laboratories for dissection and chemistry analysis. Stantec trained Bureau Veritas Laboratories staff on the methods to dissect crab leg meat, crab hepatopancreas, and English sole meat. The step-by-step dissection protocol is provided in APPENDIX 3.

For each collection period, 15 tissue samples for each tissue type at each study area were collected and analyzed for PAH, PCB, PCDD/F, cadmium, copper, and zinc. Organic COPCs were analyzed using HRMS, which can detect concentrations down to approximately 1 ppb for PAH, and approximately 1 ppt for PCB and PCDD/F.

A 2-step process was applied to analyzing and reporting the laboratory results. The first step was to determine whether the COPC was detectable or essentially non-detectable. For chemical groups such as PAH, PCB, and PCDD/F, when more than 70% of the individual congeners are reported as below the detection limit, the concentration is reported as essentially non-detectable. The criteria of 70% non-detects is set based on professional judgment, and to limit the effect of a scenario where a concentration is reported that reflects a detection limit rather than measured concentrations.

The second step was to calculate the 95% upper confidence limit on the mean (95% UCLM) concentration of all COPCs in all tissues, based on a sample number of 15. The 95% UCLM represents a reasonable upper bound limit on the true mean concentration. The 95% UCLM was calculated using ProUCL 5.1; a statistical program developed by the United States Environmental Protection Agency. The 95% UCLM estimate provides a statistical interpretation of the uncertainties inherent in the underlying data and thus, provides a reasonable upper bound on potential exposures and associated human health risks.

The 95% UCLM concentration of COPC is presented in Table 5-2 for crab meat, crab hepatopancreas, and sole meat for all years and all study areas. If the 95% UCLM concentration is "essentially non-detectable", where 70% or more of the results are below the detection limit, this is indicated with "ND". However, the 95% UCLM concentration is still calculated under the

assumption that the COPC is present in the tissues at the detection limit. This means that the values listed beside "ND" are highly influenced by the detection limit.

A two-tailed t-test statistical analysis was conducted on the laboratory results between the 2018 and 2019 collection year, and the 2018 and 2020 collection year in Kitimat Harbour. This analysis was conducted to determine whether the COPC concentrations in seafood showed a statistically significant increase or decrease from the 2018 pre-dredge period to the post-dredge periods.

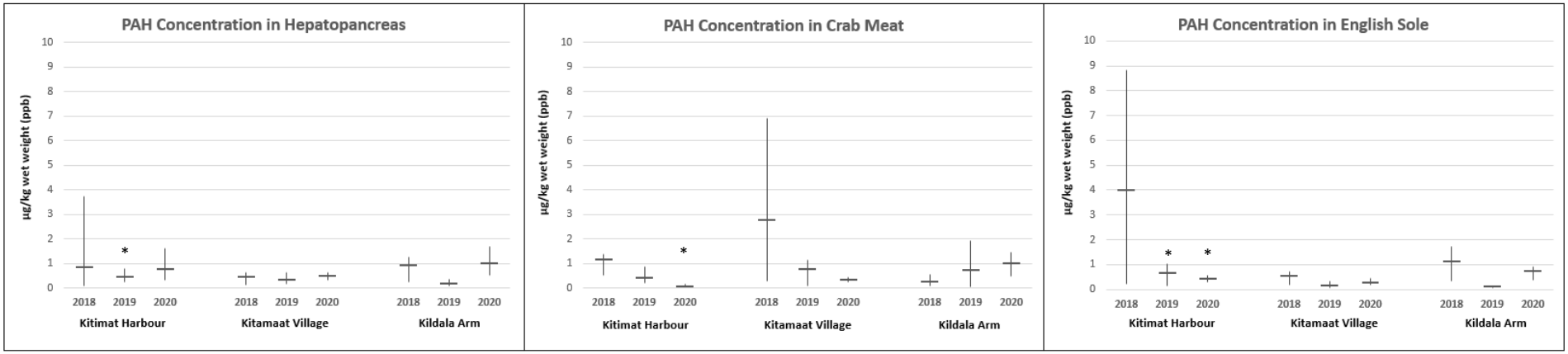
The COPC concentrations are also shown graphically on Figure 5-1 to Figure 5-6. In these figures, the upper row of graphs shows the COPC concentration using the same scale to illustrate the relative differences in concentration between tissue type. If there is a large difference in COPC concentration between tissue types that result in poor resolution at low concentrations, the lower row of graphs applies a higher resolution concentration scale.

Table 5-2 95% UCLM COPC Concentrations in Marine Country Food

Study Area	Crab Meat			Hepatopancreas			Sole Meat		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
PAH (µg/kg TEQ or ppb, wet weight)									
Kitimat Harbour	1.18	0.424	0.094*	0.89	0.47*	0.801	4	0.681*	0.44*
Kitamaat Village	2.78	0.795	0.365	0.47	0.37	0.51	0.55	0.194	0.299
Kildala Arm	0.27	0.749	1.014	0.95	0.21	1.023	1.14	0.12	0.765
PCB (µg/kg TEQ or ppb, wet weight)									
Kitimat Harbour	0.5	0.20*	0.62	1.81	2.44	1.26	0.77	0.66	0.26*
Kitamaat Village	0.32	0.16	0.24	1.34	1.29	0.88	0.47	0.29	0.3
Kildala Arm	0.56	0.45	0.21	0.59	1.27	0.64	0.87	0.18	0.37
PCDD/F (ng/kg TEQ or ppt, wet weight)									
Kitimat Harbour	0.57	0.381	0.341	0.96	0.821	0.941	0.57	0.46	0.348
Kitamaat Village	0.67	0.361	0.341	1.49	1	2.751	0.47	0.44	0.383
Kildala Arm	0.38	0.39	0.239	0.6	1.395	0.568	0.47	0.545	0.23
Cadmium (mg/kg or ppm, wet weight)									
Kitimat Harbour	0.0031	0.007	0.0032	0.79	0.686	0.818	0.0014	0.0013	0.0028*
Kitamaat Village	0.0067	0.0052	0.0044	1.27	2.195	0.809	0.0015	0.0016	0.0114
Kildala Arm	0.0029	0.0041	0.004	0.36	0.353	0.479	0.0014	0.0019	0.0013
Copper (mg/kg or ppm, wet weight)									
Kitimat Harbour	5.67	3.91*	4.03*	23.9	19.04	40.49	0.34	0.33	0.115
Kitamaat Village	5.27	4.85	3.91	86.64	43.78	33.41	0.26	0.13	0.129
Kildala Arm	7.21	8.65	5.56	79.56	51.44	60.09	0.18	0.13	0.549
Zinc (mg/kg or ppm, wet weight)									
Kitimat Harbour	36.28	31.02	35.16	15.67	15	15.3	4.58	3.7	3.73
Kitamaat Village	37.18	38.3	36.74	14.73	17.39	19.11	4.24	3.79	3.79
Kildala Arm	36.72	38.33	32.82	17.56	13.64	16.3	3.67	3.77	3.51

Shaded cells = Essentially non-detectable. The value is the 95% UCLM if non-detectable assumed to be (1.0 x detection limit).

* Indicates that there is a statistically significant difference from 2018 in Kitimat Harbour.



Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

* Indicates a statistically significant decrease in COPC concentration from 2018 pre-dredge period

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF PAH IN MARINE COUNTRY FOOD BY YEAR

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KITIMAT, BRITISH COLUMBIA

DATE
24 MARCH 2021

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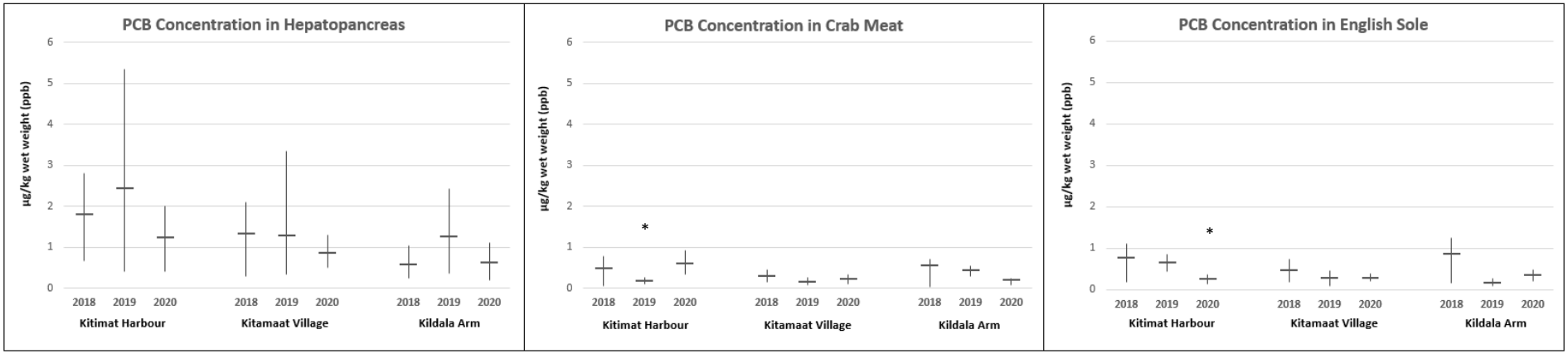
FIGURE NO.
5-1



Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

* **Indicates a statistically significant decrease in COPC concentration from 2018 pre-dredge period**

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF PCB IN MARINE COUNTRY FOOD BY YEAR

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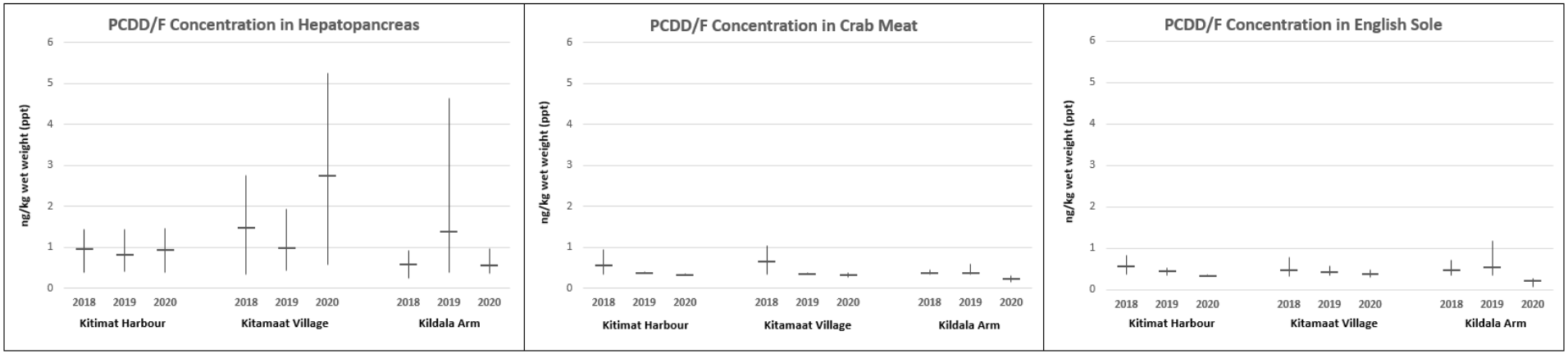
FIGURE NO.
5-2



Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF PCDD/F IN MARINE COUNTRY FOOD BY YEAR

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KITIMAT, BRITISH COLUMBIA

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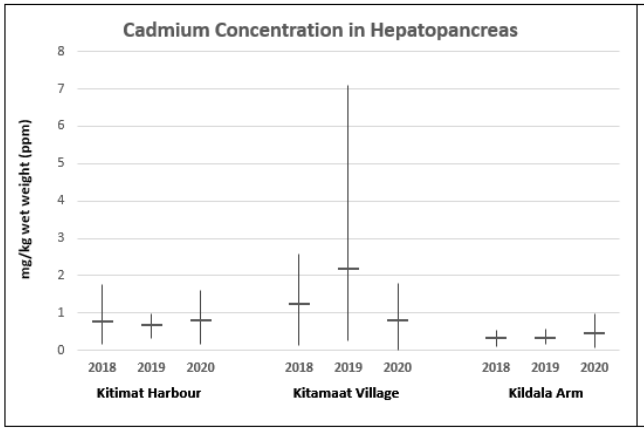
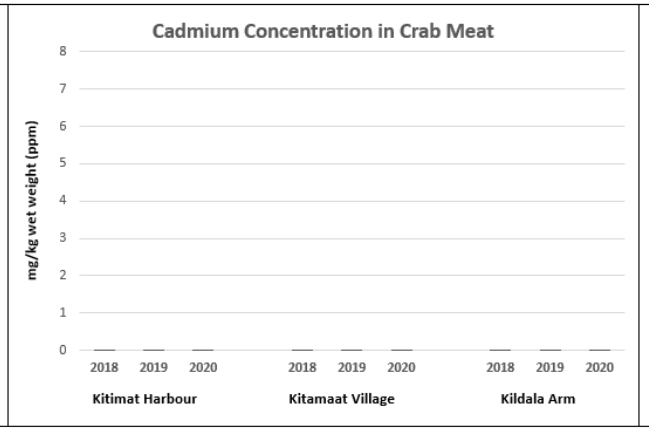
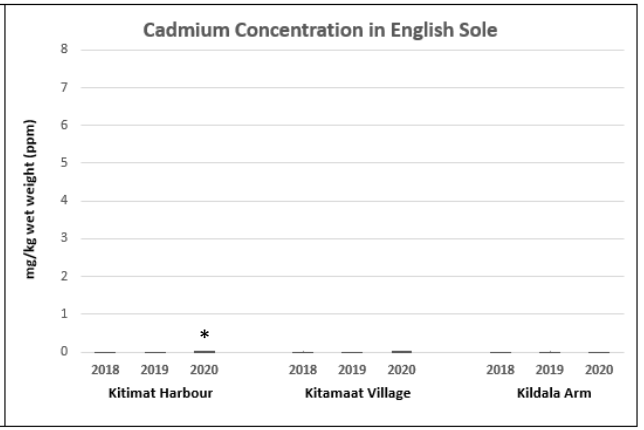
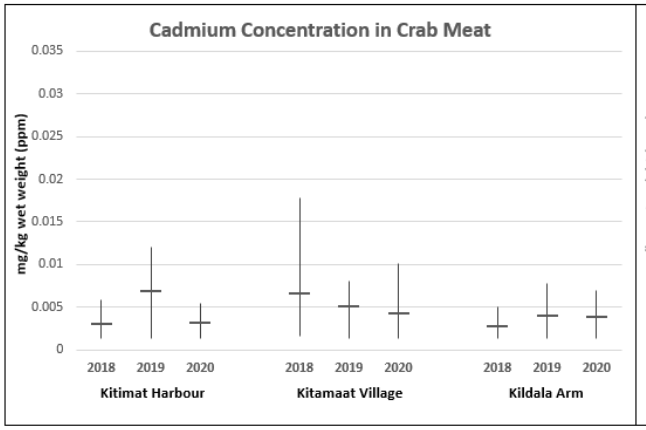
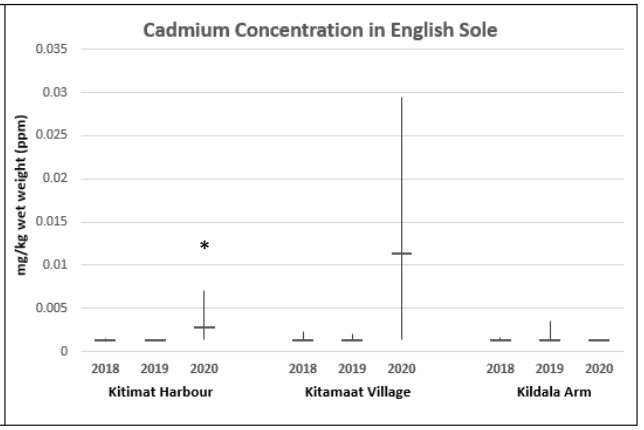
FIGURE NO.: 5-3











Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

* **Indicates a statistically significant decrease in COPC concentration from 2018 pre-dredge period**

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF CADMIUM IN MARINE COUNTRY FOOD BY YEAR

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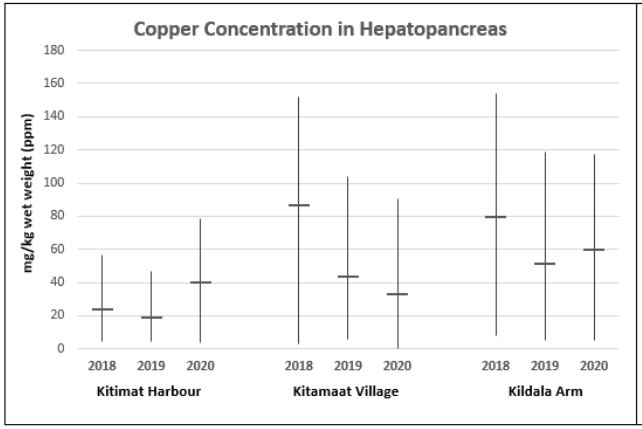
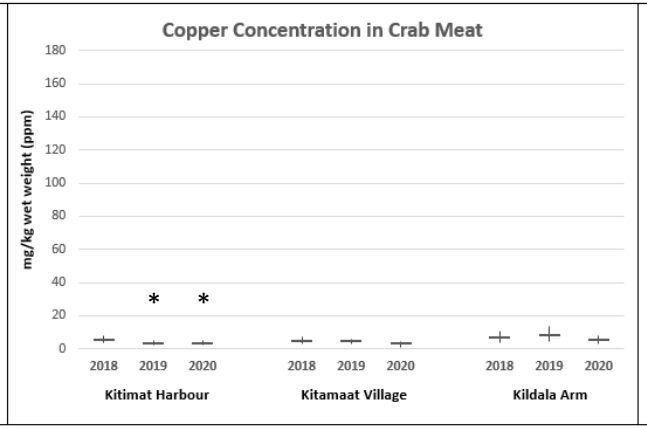
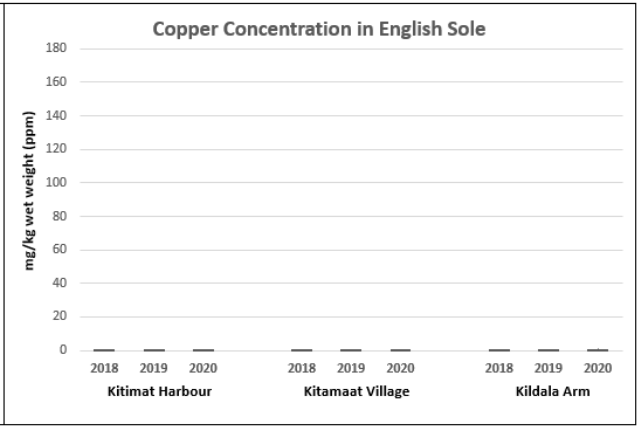
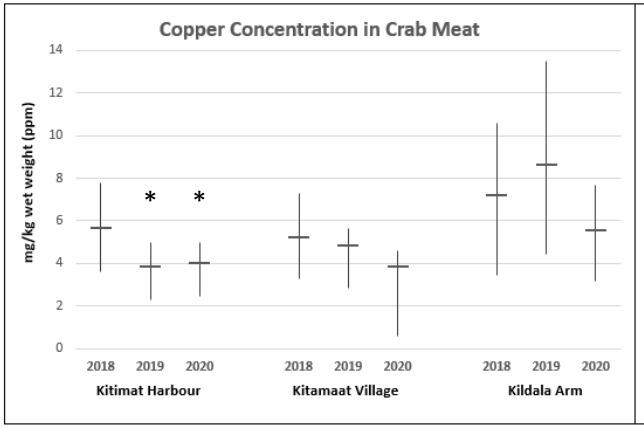
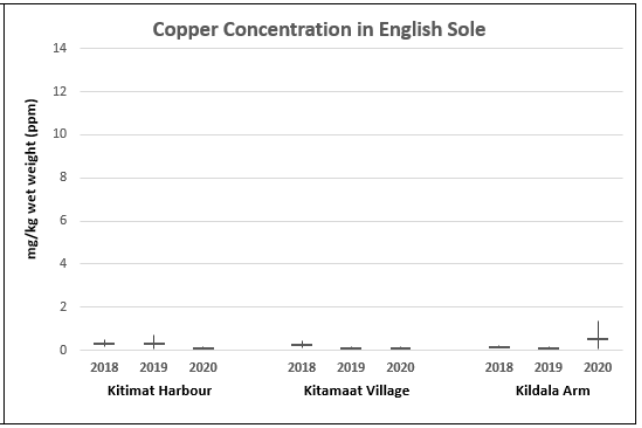
FIGURE NO.
5-4











Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

* Indicates a statistically significant decrease in COPC concentration from 2018 pre-dredge period

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF COPPER IN MARINE COUNTRY FOOD BY YEAR

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KITIMAT, BRITISH COLUMBIA

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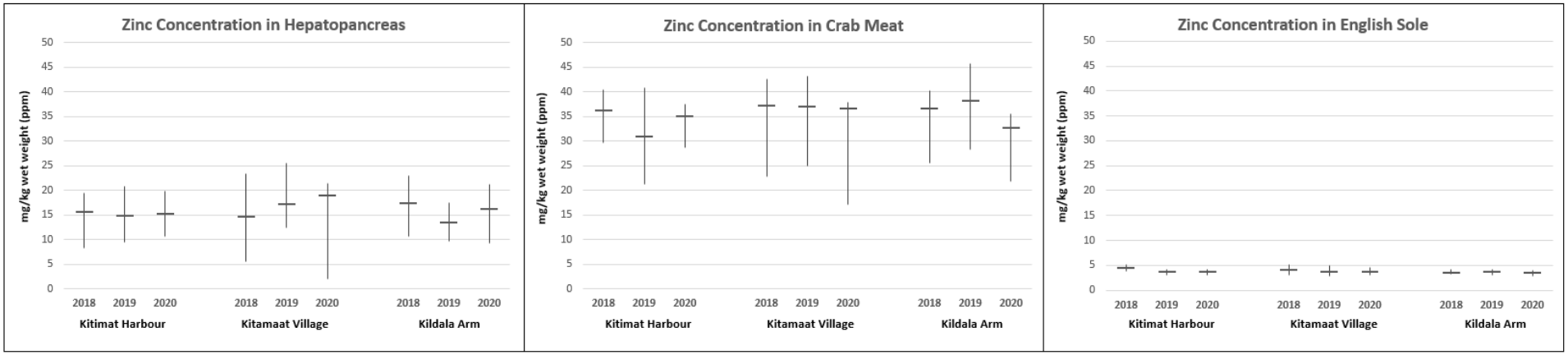
FIGURE NO.	5-5



Legend

- Maximum concentration
- 95% UCLM concentration
- Minimum concentration

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HUMAN HEALTH RISK ASSESSMENT ON THE EFFECTS OF DREDGING ON MARINE COUNTRY FOODS

CONCENTRATION OF ZINC IN MARINE COUNTRY FOOD BY YEAR

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FIGURE NO.	5-6

5.4. Change in Marine Country Food Quality in Kitimat Harbour

This section summarizes the changes in marine food quality in Kitimat Harbour from the 2018 pre-dredge period to the 2019 and 2020 post-dredge periods. The purpose of describing statistically significant changes in marine food quality is to satisfy the primary objective of this HHRA, which is to confirm the provincial and federal conditions listed in Section 1.2. These conditions require LNG Canada to confirm the 2015 Human Health Risk Assessment predictions on the bioavailability and bioaccumulation of COPCs in marine foods.

Changes in marine food quality are focused on the Kitimat Harbour study area. If a statistically significant change is noted in the marine food quality in Kitimat Harbour, the results from the reference sites are also examined to distinguish between Project-related changes that are observed only in Kitimat Harbour, and regional changes that are also observed near Kitamaat Village and/or Kildala Arm.

5.4.1. Polycyclic Aromatic Hydrocarbons (PAH)

PAH concentrations in marine food are shown in Table 5-2 and in Figure 5-1. Figure 5-1 illustrates that PAH concentrations were generally in the range of <1 to 4 ppb-TEQ in all three tissues. Although PAHs are organic contaminants that tend to accumulate in fatty tissues such as the hepatopancreas, it does not appear to bioaccumulate in the hepatopancreas relative to the crab and sole meat. The absence of biomagnification of PAH in the hepatopancreas may be due to PAH metabolism in the organ.

When examining only the results in Kitimat Harbour, the results do not show that PAH bioaccumulates or biomagnifies in marine foods relative to the reference sites. The PAH concentration in marine foods from Kitimat Harbour is similar to those from the reference sites. This is despite the very high PAH concentrations of up to 163 mg/kg in the sediment within the CDA, where the CCME guideline for the protection of aquatic life is 0.0888 mg/kg. PAH concentrations in Kitimat Harbour marine foods would be several orders of magnitude higher than the reference sites, if these PAHs were bioavailable. The results lend support to studies conducted in the 1990's that pitch-coke based PAH in Kitimat Harbour have a very low bioavailability. The results from Kitimat Harbour also show a statistically significant decrease in PAH was observed in crab meat, hepatopancreas and sole meat for one or both post-dredge periods. These results suggest that PAH concentrations in the marine foods from Kitimat Harbour are currently lower than the pre-dredge period.

When comparing the results from Kitimat Harbour with the reference sites, the PAH concentrations in marine food from all three study areas were very similar. For example, PAH concentrations in

marine foods from Kildala Arm was similar in range to those in Kitimat Harbour. This observation was not expected, given that the sediments in Kitimat Harbour are known to contain higher levels of PAH compared with Kildala Arm.

These results strongly suggest that the PAH concentrations in marine food are representative of regional conditions that affect all three study areas, and the high PAH concentration in the sediments of Kitimat Harbour do not result in a higher bioaccumulation or biomagnification in marine foods due to low bioavailability.

5.4.2. Polychlorinated Biphenyls (PCB)

PCB concentrations in marine food are shown in Table 5-2 and in Figure 5-2. Figure 5-2 illustrates that the 95% UCLM concentrations for PCB were generally in the range of <1 ppb TEQ for crab meat and sole meat, and between 1 to 3 ppb TEQ in crab hepatopancreas.

PCB concentrations in crab meat showed a statistically significant decrease from 2018 to 2019, but there was no change between the 2018 and 2020 results. In sole meat, there was no change from 2018 to 2019, but a statistically significant decrease was observed from 2018 to 2020. PCB concentrations in crab hepatopancreas showed no change throughout the study. Overall, PCB concentrations in marine food from Kitimat Harbour showed either a statistically significant decrease, or no change.

When comparing between Kitimat Harbour and the reference sites, PCB concentrations in crab meat and sole meat were approximately in the same range of less than 1 ppb TEQ. Only the crab hepatopancreas from Kitimat Harbour showed notably higher PCB concentrations relative to the reference sites.

5.4.3. Dioxins and Furans (PCDD/F)

PCDD/F concentrations in marine food are shown in Table 5-3 and in Figure 5-3. Overall, PCDD/F was essentially non-detectable in crab meat and sole meat in all three study areas for all collection periods, with an approximate sample detection limit of <0.2 to <0.5 ppt TEQ. The crab hepatopancreas was the only tissue that consistently showed measurable concentrations of PCDD/F, with concentrations of approximately 1 ppt TEQ for all three sampling periods. There was no significant change in PCDD/F concentrations in crab hepatopancreas from the pre-dredge to post-dredge period.

This data strongly suggests that the observed PCDD/F concentrations in marine foods for this study are background levels that are present in the region encompassing all three study areas, rather than effects from local human activity.

5.4.4. Cadmium

Cadmium concentrations in marine food are shown in Table 5-2 and in Figure 5-4. Figure 5-4 (upper graphs) illustrates that cadmium concentrations were highest in the hepatopancreas organ at approximately 1 ppm, and near the detection limit of 0.0013 ppm for crab meat and sole meat. Although the cadmium concentration in sole meat was near the detection limit, a statistically significant increase was observed in the 2020 samples. This was primarily due to most of the tissue samples being below the detection limit for cadmium (<0.0013 mg/kg), resulting in a very low sample variability. As a result, any tissue sample that contains a slightly higher concentration may result in a finding of significance because it falls outside of the sample variability. Although there is a statistically significant increase, the overall concentration of cadmium in sole meat is still near the detection limit as illustrated in the upper row of graphs in Figure 5-4, and this cadmium in sole meat constitutes a small fraction of the overall cadmium content in marine foods.

When compared to the reference sites, marine foods in Kitimat Harbour contain a similar cadmium content to that of Kitamaat Village and Kildala Arm. For example, marine foods from Kildala Arm had similar cadmium concentrations to that of Kitimat Harbour. This may suggest that the observed cadmium concentrations in marine foods for this study could be naturally occurring levels, rather than effects from human activity.

5.4.5. Copper

Copper concentrations in marine food are shown in Table 5-2 and in Figure 5-5. Figure 5-5 (upper graphs) illustrates that copper concentrations were highest in the hepatopancreas organ, and substantially lower in crab meat and sole meat.

For crab hepatopancreas and sole meat, the change in copper concentrations from the 2018 pre-dredge period to the 2019 and 2020 post-dredge period was not significantly different. Copper in crab meat decreased in both post-dredge periods.

When compared to the reference sites, marine foods from Kitimat Harbour tended to have lower copper concentrations than Kitamaat Village and Kildala Arm. In particular, marine foods from Kildala Arm had the highest copper concentrations. This may suggest that the observed copper concentrations in marine foods for this study could be naturally occurring levels, rather than effects from human activity.

5.4.6. Zinc

Zinc concentrations in marine food are shown in Table 5-2 and in Figure 5-6. Figure 5-6 illustrates that zinc concentrations were highest in crab meat, followed by crab hepatopancreas, and sole meat.

For all three types of marine food, the change in zinc concentrations from the 2018 pre-dredge period to the 2019 and 2020 post-dredge period was not significantly different. Zinc concentrations in the tissues appeared to be consistent throughout the study, regardless of the location that the sample came from. For example, the 95% UCLM zinc concentration in crab meat was consistently in the range of 30 to 40 ppm at in all study areas. Similar patterns were observed in crab hepatopancreas and sole meat.

These results suggest that zinc levels did not change in marine foods from dredging activities. This may suggest that the observed zinc concentrations in marine foods for this study could be naturally occurring levels, rather than effects from human activity.

5.4.7. Summary of Changes in Marine Country Food Quality in Kitimat Harbour

The changes in marine food quality in Kitimat Harbour are summarized in Table 5-3. Overall, the measured concentration of COPCs in marine foods either showed a decrease or no statistically significant change. These results confirm the predictions of the 2015 HHRA that dredging would have no significant effect or a marginal reduction to the concentration of COPCs in marine foods

Cadmium was the only exception, where pre-dredge concentrations in sole meat were mostly below the detection limit. During the 2020 post-dredge period, several sole samples had detectable cadmium concentrations. However, the cadmium concentration in sole meat was generally near the detection limit of 0.0013 mg/kg, and negligible compared to crab hepatopancreas, which normally contained approximately 300 times higher cadmium concentrations.

When the COPC concentrations in marine foods in Kitimat Harbour are compared to the reference sites, PCDD/F, cadmium, copper, and zinc appear to be naturally occurring background levels in the region encompassing all study areas. Only PAH and PCB results suggest a potential anthropogenic source.

Table 5-3 Summary of Changes in Marine Food Quality in Kitimat Harbour

Chemical of Potential Concern	Change in COPC Concentration from Pre-dredge to Post-dredge		
	Crab Meat	Hepatopancreas	Sole Meat
PAH	Decrease or No change	Decrease or No change	Decrease
PCB	Decrease or No change	No change	Decrease or No change
PCDD/F	No change	No change	No change
Cadmium	No change	No change	Increase or No change
Copper	Decrease	No change	No change
Zinc	No change	No change	No change

5.5. Estimated Daily Intake of COPCs

The EDIs for each marine food and each COPC are presented for toddlers and adults of the general public and Indigenous populations. The results for Kitimat Harbour are indicated on the tables as pre-dredge (2018), post-dredge (2019), and post-dredge (2020) results. Results for Kitamaat Village and Kildala Arm are listed based upon the years, since those locations are not influenced by dredging activities. A sample calculation for an Indigenous adult consuming marine foods is available in APPENDIX 4. For this assessment, it was assumed that 100% of the marine foods are harvested from the study areas and that 100% of the COPCs ingested are bioavailable and absorbed into the body. Cells that are shaded indicate that the EDI is based on essentially undetectable concentrations.

For PAH, the EDI was calculated for Indigenous and non-Indigenous adults only because the EDI is used in the calculation of cancer risk over a lifetime exposure (i.e., 80 years).

Table 5-4 Estimated Daily Intake of PAH by Human Receptors

Human Receptor	Estimated Daily Intake of PAH (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Adult	1.71E-06	6.15E-07	1.43E-07	4.03E-06	1.15E-06	5.36E-07	3.92E-07	1.09E-06	1.48E-06
Indigenous Adult	3.44E-06	1.24E-06	2.76E-07	8.10E-06	2.32E-06	1.07E-06	7.87E-07	2.18E-06	2.96E-06
Crab Hepatopancreas									
Adult	2.33E-07	1.23E-07	2.00E-07	1.23E-07	9.67E-08	1.28E-07	2.48E-07	5.49E-08	2.56E-07
Indigenous Adult	2.33E-07	1.23E-07	2.00E-07	1.23E-07	9.67E-08	1.28E-07	2.48E-07	5.49E-08	2.56E-07
Sole Meat									
Adult	5.80E-06	9.88E-07	6.38E-07	7.98E-07	2.81E-07	4.33E-07	1.65E-06	1.74E-07	1.11E-06
Indigenous Adult	1.17E-05	1.99E-06	1.28E-06	1.60E-06	5.66E-07	8.69E-07	3.32E-06	3.50E-07	2.23E-06

NOTE:

Shaded cells denotes value based on essentially non-detectable concentration.

Table 5-5 Estimated Daily Intake of PCB by Human Receptors

Human Receptor	Estimated Daily Intake of PCB (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	1.83E-09	7.32E-10	2.27E-09	1.17E-09	5.86E-10	8.78E-10	2.05E-09	1.65E-09	7.69E-10
Adult	7.25E-10	2.90E-10	8.99E-10	4.64E-10	2.32E-10	3.48E-10	8.13E-10	6.53E-10	3.05E-10
Indigenous l Toddler	3.07E-09	1.23E-09	3.81E-09	1.97E-09	9.83E-10	1.48E-09	3.44E-09	2.76E-09	1.29E-09
Indigenous Adult	1.46E-09	5.83E-10	1.81E-09	9.33E-10	4.66E-10	7.00E-10	1.63E-09	1.31E-09	6.11E-10
Crab Hepatopancreas									
Toddler	1.02E-09	1.37E-09	7.10E-10	7.53E-10	7.25E-10	4.95E-10	3.32E-10	7.14E-10	3.60E-10
Adult	4.73E-10	6.38E-10	3.29E-10	3.50E-10	3.37E-10	2.30E-10	1.54E-10	3.32E-10	1.67E-10
Indigenous Toddler	1.02E-09	1.37E-09	7.10E-10	7.53E-10	7.25E-10	4.95E-10	3.32E-10	7.14E-10	3.60E-10
Indigenous Adult	4.73E-10	6.38E-10	3.29E-10	3.50E-10	3.37E-10	2.30E-10	1.54E-10	3.32E-10	1.67E-10
Sole Meat									
Toddler	2.82E-09	2.42E-09	9.52E-10	1.72E-09	1.06E-09	1.10E-09	3.18E-09	6.59E-10	1.35E-09
Adult	1.12E-09	9.58E-10	3.78E-10	6.82E-10	4.21E-10	4.35E-10	1.26E-09	2.61E-10	5.36E-10
Indigenous Toddler	4.73E-09	4.05E-09	1.60E-09	2.89E-09	1.78E-09	1.84E-09	5.35E-09	1.11E-09	2.28E-09
Indigenous Adult	2.24E-09	1.92E-09	7.56E-10	1.37E-09	8.45E-10	8.74E-10	2.54E-09	5.25E-10	1.08E-09

NOTE:

Shaded cells denotes value based on essentially non-detectable concentration.

Table 5-6 Estimated Daily Intake of PCDD/F by Human Receptors

Human Receptor	Estimated Daily Intake of PCDD/F (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	2.09E-09	1.39E-09	1.25E-09	2.45E-09	1.32E-09	1.25E-09	1.39E-09	1.43E-09	8.74E-10
Adult	8.27E-10	5.53E-10	4.95E-10	9.72E-10	5.24E-10	4.95E-10	5.51E-10	5.66E-10	3.47E-10
Indigenous Toddler	3.50E-09	2.34E-09	2.09E-09	4.12E-09	2.22E-09	2.10E-09	2.33E-09	2.40E-09	1.47E-09
Indigenous Adult	1.66E-09	1.11E-09	9.93E-10	1.95E-09	1.05E-09	9.92E-10	1.11E-09	1.14E-09	6.98E-10
Crab Hepatopancreas									
Toddler	5.40E-10	4.61E-10	5.29E-10	8.38E-10	5.62E-10	1.55E-09	3.37E-10	7.84E-10	3.19E-10
Adult	2.51E-10	2.15E-10	2.46E-10	3.90E-10	2.61E-10	7.20E-10	1.57E-10	3.65E-10	1.49E-10
Indigenous Toddler	5.40E-10	4.61E-10	5.29E-10	8.38E-10	5.62E-10	1.55E-09	3.37E-10	7.84E-10	3.19E-10
Indigenous Adult	2.51E-10	2.15E-10	2.46E-10	3.90E-10	2.61E-10	7.20E-10	1.57E-10	3.65E-10	1.49E-10
Sole Meat									
Toddler	2.09E-09	1.68E-09	1.28E-09	1.72E-09	1.61E-09	1.40E-09	1.72E-09	1.99E-09	8.42E-10
Adult	8.27E-10	6.67E-10	5.05E-10	6.82E-10	6.38E-10	5.56E-10	6.82E-10	7.91E-10	3.34E-10
Indigenous Toddler	3.50E-09	2.83E-09	2.14E-09	2.89E-09	2.70E-09	2.36E-09	2.89E-09	3.35E-09	1.41E-09
Indigenous Adult	1.66E-09	1.34E-09	1.01E-09	1.37E-09	1.28E-09	1.12E-09	1.37E-09	1.59E-09	6.70E-10

NOTE:

Shaded cells denotes value based on essentially non-detectable concentration.

Table 5-7 Estimated Daily Intake of Cadmium by Human Receptors

Human Receptor	Estimated Daily Intake of Cadmium (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	1.13E-05	2.56E-05	1.17E-05	2.45E-05	1.90E-05	1.61E-05	1.06E-05	1.50E-05	1.46E-05
Adult	4.50E-06	1.02E-05	4.65E-06	9.72E-06	7.55E-06	6.38E-06	4.21E-06	5.95E-06	5.81E-06
Indigenous Toddler	1.90E-05	4.30E-05	1.96E-05	4.12E-05	3.19E-05	2.71E-05	1.78E-05	2.52E-05	2.46E-05
Indigenous Adult	9.04E-06	2.04E-05	9.33E-06	1.95E-05	1.52E-05	1.28E-05	8.45E-06	1.20E-05	1.17E-05
Crab Hepatopancreas									
Toddler	4.44E-04	3.86E-04	4.60E-04	7.14E-04	1.23E-03	4.55E-04	2.02E-04	1.98E-04	2.69E-04
Adult	2.07E-04	1.79E-04	2.14E-04	3.32E-04	5.74E-04	2.11E-04	9.41E-05	9.23E-05	1.25E-04
Indigenous Toddler	4.44E-04	3.86E-04	4.60E-04	7.14E-04	1.23E-03	4.55E-04	2.02E-04	1.98E-04	2.69E-04
Indigenous Adult	2.07E-04	1.79E-04	2.14E-04	3.32E-04	5.74E-04	2.11E-04	9.41E-05	9.23E-05	1.25E-04
Sole Meat									
Toddler	5.12E-06	4.76E-06	1.02E-05	5.49E-06	5.86E-06	4.17E-05	5.12E-06	6.95E-06	4.75E-06
Adult	2.03E-06	1.89E-06	4.06E-06	2.18E-06	2.32E-06	1.66E-05	2.03E-06	2.76E-06	1.89E-06
Indigenous Toddler	8.60E-06	7.99E-06	1.72E-05	9.22E-06	9.83E-06	7.01E-05	8.60E-06	1.17E-05	7.99E-06
Indigenous l Adult	4.08E-06	3.79E-06	8.16E-06	4.37E-06	4.66E-06	3.32E-05	4.08E-06	5.54E-06	3.79E-06

NOTE:

Shaded cells denotes value based on essentially non-detectable concentration.

Table 5-8 Estimated Daily Intake of Copper by Human Receptors

Human Receptor	Estimated Daily Intake of Copper (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	2.08E-02	1.43E-02	1.48E-02	1.93E-02	1.78E-02	1.43E-02	2.64E-02	3.17E-02	2.04E-02
Adult	8.23E-03	5.67E-03	5.85E-03	7.65E-03	7.04E-03	5.68E-03	1.05E-02	1.26E-02	8.10E-03
Indigenous I Toddler	3.48E-02	2.40E-02	2.47E-02	3.24E-02	2.98E-02	2.40E-02	4.43E-02	5.31E-02	3.42E-02
Indigenous Adult	1.65E-02	1.14E-02	1.17E-02	1.54E-02	1.41E-02	1.14E-02	2.10E-02	2.52E-02	1.62E-02
Crab Hepatopancreas									
Toddler	1.34E-02	1.07E-02	2.27E-02	4.87E-02	2.46E-02	1.88E-02	4.47E-02	2.89E-02	3.38E-02
Adult	6.25E-03	4.98E-03	1.06E-02	2.27E-02	1.14E-02	8.75E-03	2.08E-02	1.34E-02	1.57E-02
Indigenous Toddler	1.34E-02	1.07E-02	2.27E-02	4.87E-02	2.46E-02	1.88E-02	4.47E-02	2.89E-02	3.38E-02
Indigenous Adult	6.25E-03	4.98E-03	1.06E-02	2.27E-02	1.14E-02	8.75E-03	2.08E-02	1.34E-02	1.57E-02
Sole Meat									
Toddler	1.24E-03	1.22E-03	4.19E-04	9.52E-04	4.76E-04	4.72E-04	6.59E-04	4.79E-04	2.01E-03
Adult	4.93E-04	4.82E-04	1.67E-04	3.77E-04	1.89E-04	1.87E-04	2.61E-04	1.90E-04	7.96E-04
Indigenous Toddler	2.09E-03	2.04E-03	7.07E-04	1.60E-03	7.99E-04	7.94E-04	1.11E-03	8.05E-04	3.39E-03
Indigenous Adult	9.91E-04	9.68E-04	3.35E-04	7.58E-04	3.79E-04	3.76E-04	5.25E-04	3.82E-04	1.60E-03

Table 5-9 Estimated Daily Intake of Zinc by Human Receptors

Human Receptor	Estimated Daily Intake of Zinc (mg/kg bw-day)								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	1.33E-01	1.14E-01	1.29E-01	1.36E-01	1.40E-01	1.34E-01	1.34E-01	1.40E-01	1.20E-01
Adult	5.26E-02	4.50E-02	5.10E-02	5.39E-02	5.56E-02	5.33E-02	5.33E-02	5.56E-02	4.76E-02
Indigenous Toddler	2.23E-01	1.91E-01	2.16E-01	2.28E-01	2.35E-01	2.25E-01	2.26E-01	2.35E-01	2.02E-01
Indigenous Adult	1.06E-01	9.04E-02	1.03E-01	1.08E-01	1.12E-01	1.07E-01	1.07E-01	1.12E-01	9.56E-02
Crab Hepatopancreas									
Toddler	8.81E-03	8.43E-03	8.60E-03	8.28E-03	9.77E-03	1.07E-02	9.87E-03	7.67E-03	9.16E-03
Adult	4.10E-03	3.92E-03	4.00E-03	3.85E-03	4.55E-03	4.99E-03	4.59E-03	3.57E-03	4.26E-03
Indigenous Toddler	8.81E-03	8.43E-03	8.60E-03	8.28E-03	9.77E-03	1.07E-02	9.87E-03	7.67E-03	9.16E-03
Indigenous Adult	4.10E-03	3.92E-03	4.00E-03	3.85E-03	4.55E-03	4.99E-03	4.59E-03	3.57E-03	4.26E-03
Sole Meat									
Toddler	1.68E-02	1.35E-02	1.37E-02	1.55E-02	1.39E-02	1.39E-02	1.34E-02	1.38E-02	1.28E-02
Adult	6.65E-03	5.37E-03	5.42E-03	6.15E-03	5.50E-03	5.50E-03	5.33E-03	5.47E-03	5.10E-03
Indigenous Toddler	2.81E-02	2.27E-02	2.29E-02	2.60E-02	2.33E-02	2.32E-02	2.25E-02	2.32E-02	2.15E-02
IndigenousAdult	1.34E-02	1.08E-02	1.09E-02	1.24E-02	1.10E-02	1.11E-02	1.07E-02	1.10E-02	1.02E-02

6. RISK CHARACTERIZATION

The risk characterization stage provides a quantitative measure of risk to human receptors from the consumption of marine foods containing COPCs. Non-carcinogenic health risks for PCB, PCDD/F, cadmium, copper and zinc are quantified by evaluating the hazard quotient (HQ) associated with these COPCs. Carcinogenic health risks for PAH are quantified by evaluating the incremental lifetime cancer risk (ILCR) over a lifetime of exposure through consuming locally harvested marine foods.

The risk characterization focuses on the following, to meet the secondary objective of this HHRA:

1. The overall risk from COPC exposure for people harvesting and consuming seafood from Kitimat Harbour. This will indicate whether the seafood from Kitimat Harbour represents a significant risk to seafood consumers.
2. The overall risk from COPC exposure for people harvesting and consuming seafood from the region encompassing Kitimat Harbour and the Kitamaat Village and Kildala Arm reference sites. This will indicate whether there is a substantial difference in risk between the study areas or not.

6.1. Estimating Non-Carcinogenic Risk (Threshold Effects)

Non-carcinogenic health risk is evaluated from the calculation of the HQ. The HQ is the ratio between the EDI and the TRV for a COPC. The HQ is calculated using the following formula:

$$HQ_{COPC}\ (unitless) = \frac{EDI_{COPC}}{TRV_{COPC}}$$

Where:

- HQ_{COPC} = Hazard quotient for a COPC
- EDI_{COPC} = Estimated daily intake of a COPC from consuming marine food (mg/kg bw-day); from Section 5.3.
- TRV_{COPC} = Toxicological reference value of a COPC (mg/kg bw-day); from Section 4.3.

Provincial regulatory agencies across Canada apply different HQ thresholds when assessing health risk. For this assessment, a threshold HQ of 0.2 is applied because there are other sources of COPCs for which this assessment does not account for. For example, exposure to PCB, PCDD/F,

and metals may come from dermal contact with soil and water, drinking water, or ingestion of other foods that are not considered in this assessment (e.g., purchased foods, other types of country foods). A threshold HQ of 0.2 may be interpreted such that a single exposure pathway for a COPC should not exceed 20% of the applicable tolerable daily intake, and other exposure pathways that are not considered in this assessment account for the remaining 80% of exposure.

6.1.1. PCB

Table 6-1 presents the PCB HQs for toddlers and adults from their consumption exposure of marine foods.

To evaluate the change in health risk to marine food consumers in Kitimat Harbour, the pre-dredge and post-dredge HQs for PCB were compared. The HQs for PCB were above the benchmark of 0.2 for all human receptors in the pre-dredge and post-dredge periods. This indicates that there was an unacceptable health risk from PCB exposure in marine foods during the pre-dredge period, and there continues to be an unacceptable health risk in the post-dredge period. However, the post-dredge period showed either a significant decrease or no change in the health risk, depending on the type of marine food being considered. It may be unsafe to consume marine foods from Kitimat Harbour at the consumption rates applied in this study.

When the HQs from the three study areas are considered, the health risk from PCB exposure in marine foods was similar for all areas. For example, the HQ for toddlers consuming crab meat from Kitimat Harbour in 2018 was 0.80, compared to 0.89 from Kildala Arm. The health risk benchmark of 0.2 was exceeded in all study areas for all sampling years for some or all human receptors. A similar degree of health risk from PCB in marine foods exists in all study areas, and it is not exclusive to the industrialized region of Kitimat Harbour.

PCBs are produced through certain types of industrial activity and there are no naturally occurring sources of this substance. Since there are no current or historical industrial activities in Kildala Arm, it would be reasonable to assume that marine foods in this study area would have undetectable PCB concentrations. The PCBs detected in marine foods in Kildala Arm may be the result of long distance atmospheric or hydrospheric transport and deposition. Given that similar concentrations of PCB have been measured in marine foods in all three study areas, they are likely representative of background levels found throughout the Kitimat Arm and Kildala Arm region, and not COPCs associated with industrial activities in Kitimat Harbour.

Table 6-1 Hazard Quotients for PCB

Human Receptor	Hazard Quotients for PCB								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	**0.80**	**0.32**	**0.99**	**0.51**	**0.25**	**0.38**	**0.89**	**0.72**	**0.33**
Adult	**0.32**	0.13	**0.40**	**0.20**	0.10	0.15	**0.35**	**0.28**	0.13
Indigenous Toddler	**1.34**	**0.53**	**1.66**	**0.85**	**0.43**	**0.64**	**1.50**	**1.20**	**0.56**
Indigenous Adult	**0.63**	**0.25**	**0.78**	**0.41**	**0.20**	**0.31**	**0.71**	**0.57**	**0.27**
Crab Hepatopancreas									
Toddler	**0.44**	**0.60**	**0.31**	**0.33**	**0.32**	**0.22**	0.14	**0.31**	0.15
Adult	**0.21**	**0.28**	0.15	0.15	0.15	0.10	0.07	0.14	0.08
Indigenous Toddler	**0.44**	**0.60**	**0.31**	**0.33**	**0.32**	**0.22**	0.14	**0.31**	0.15
Indigenous Adult	**0.21**	**0.28**	0.15	0.15	0.15	0.10	0.07	0.14	0.08
Sole Meat									
Toddler	**1.23**	**1.05**	**0.41**	**0.75**	**0.46**	**0.48**	**1.38**	**0.29**	**0.59**
Adult	**0.49**	**0.42**	0.16	**0.30**	0.18	0.19	**0.55**	0.11	**0.23**
Indigenous Toddler	**2.06**	**1.76**	**0.70**	**1.26**	**0.77**	**0.80**	**2.32**	**0.48**	**0.99**
Indigenous Adult	**0.98**	**0.84**	**0.33**	**0.60**	**0.37**	**0.38**	**1.10**	**0.23**	**0.47**

Shaded cells are based on "essentially non-detectable" concentrations.
Hazard quotients greater than 0.2 are in **bold underline**.

6.1.2. PCDD/F

Table 6-2 presents the PCDD/F HQs for toddlers and adults from their consumption exposure of marine foods.

Overall, the health risk from PCDD/F in crab meat and sole meat is inconclusive because the HQs are above the health risk benchmark of 0.2, but the HQ is based upon essentially non-detectable concentrations as indicated by the shaded cells in Table 6-2.

Only the HQs for crab hepatopancreas are based on detectable concentrations. In Kitimat Harbour, the PCDD/F HQs were greater than 0.2 for toddlers but not for adults. There was no substantial change in the PCDD/F HQs between the pre-dredge and post-dredge collection periods.

When the PCDD/F HQs in Kitimat Harbour are compared to those of Kitamaat Village and Kildala Arm, the range in HQs are similar. The similar PCDD/F concentrations in marine food, as illustrated

in Figure 5-3, suggest that the observed PCDD/F concentrations in the three study areas are background levels for the region. Marine foods from Kitimat Harbour present no greater PCDD/F health risk to consumers to marine foods from Kitamaat Village or Kildala Arm.

Table 6-2 Hazard Quotients for PCDD/F

Human Receptor	Hazard Quotients for PCDD/F								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	**0.91**	**0.61**	**0.54**	**1.07**	**0.57**	**0.54**	**0.60**	**0.62**	**0.38**
Adult	**0.36**	**0.24**	**0.22**	**0.42**	**0.23**	**0.21**	**0.24**	**0.25**	0.15
Indigenous Toddler	**1.52**	**1.02**	**0.91**	**1.79**	**0.96**	**0.91**	**1.02**	**1.04**	**0.64**
Indigenous Adult	**0.72**	**0.48**	**0.43**	**0.85**	**0.46**	**0.43**	**0.48**	**0.49**	**0.30**
Crab Hepatopancreas									
Toddler	**0.23**	**0.20**	**0.23**	**0.36**	**0.24**	**0.66**	0.15	**0.34**	0.14
Adult	0.11	0.09	0.11	0.17	0.11	**0.31**	0.07	0.16	0.07
Indigenous Toddler	**0.23**	**0.20**	**0.23**	**0.36**	**0.24**	**0.66**	0.15	**0.34**	0.14
Indigenous Adult	0.11	0.09	0.11	0.17	0.11	**0.31**	0.07	0.16	0.07
Sole Meat									
Toddler	**0.91**	**0.73**	**0.56**	**0.75**	**0.70**	**0.61**	**0.75**	**0.87**	**0.37**
Adult	**0.36**	**0.29**	**0.22**	**0.30**	**0.28**	**0.24**	**0.30**	**0.34**	0.15
Indigenous Toddler	**1.52**	**1.23**	**0.93**	**1.26**	**1.18**	**1.03**	**1.26**	**1.46**	**0.62**
Indigenous Adult	**0.72**	**0.58**	**0.44**	**0.60**	**0.56**	**0.49**	**0.60**	**0.69**	**0.29**

Shaded cells are based on "essentially non-detectable" concentrations.
Hazard quotients greater than 0.2 are in **bold underline**.

6.1.3. Cadmium

Error! Not a valid bookmark self-reference. presents the cadmium HQs for toddlers and adults from their consumption exposure of marine foods.

Overall, the health risk from cadmium in crab meat and sole meat is below the HQ benchmark of 0.2 for all collection periods and all study areas. The consumption of crab meat and sole meat does not contribute a substantial amount of cadmium risk.

The cadmium HQ was greater than the health risk benchmark of 0.2 for crab hepatopancreas in all three study areas. Crab hepatopancreas from Kitamaat Village showed the highest cadmium HQ, followed by Kitimat Harbour and Kildala Arm. Given that the cadmium HQ in the Kildala Arm reference site is already above the health risk benchmark, and higher in Kitimat Harbour and Kitamaat Village, limited consumption of the crab hepatopancreas from any of these locations is advised.

Table 6-3 Hazard Quotients for Cadmium

Human Receptor	Hazard Quotients for Cadmium								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.02
Adult	0.004	0.01	0.004	0.01	0.01	0.01	0.004	0.01	0.01
Indigenous Toddler	0.02	0.04	0.02	0.04	0.03	0.03	0.02	0.03	0.03
Indigenous Adult	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.01
Crab Hepatopancreas									
Toddler	**0.44**	**0.39**	**0.46**	**0.71**	**1.23**	**0.45**	**0.20**	**0.20**	**0.27**
Adult	**0.21**	0.18	**0.22**	**0.33**	**0.57**	**0.21**	0.09	0.09	0.12
Indigenous Toddler	**0.44**	**0.39**	**0.46**	**0.71**	**1.23**	**0.45**	**0.20**	**0.20**	**0.27**
Indigenous Adult	**0.21**	0.18	**0.22**	**0.33**	**0.57**	**0.21**	0.09	0.09	0.12
Sole Meat									
Toddler	0.01	0.005	0.005	0.01	0.01	0.005	0.01	0.01	0.01
Adult	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004
Indigenous Toddler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
Indigenous Adult	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.01	0.008

Shaded cells are based on "essentially non-detectable" concentrations.
Hazard quotients greater than 0.2 are in **bold underline**.

6.1.4. Copper

Error! Not a valid bookmark self-reference. presents the copper HQs for toddlers and adults from their consumption exposure of marine foods.

Overall, sole meat from the three study areas did not contribute a substantial amount of copper risk. The health risk benchmark of 0.2 for copper was exceeded only from crab meat and crab hepatopancreas for toddlers. Interestingly, the highest copper HQ was observed for crab hepatopancreas from Kildala Arm, followed by Kitamaat Village and Kitimat Harbour. It is not clear why copper concentrations in crab hepatopancreas are highest at the reference sites, and lowest in Kitimat Harbour. There was also no significant change in the copper HQ in Kitimat Harbour between the pre-dredge and post-dredge periods.

Given that the copper HQs for toddlers in all study areas are already above the health risk benchmark, limited consumption of the crab hepatopancreas for toddlers is advised.

Table 6-4 Hazard Quotients for Copper

Human Receptor	Hazard Quotients for Copper								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	**0.23**	0.16	0.16	**0.21**	0.2	0.16	**0.29**	**0.35**	**0.22**
Adult	0.06	0.04	0.04	0.05	0.05	0.04	0.07	0.09	0.05
Indigenous Toddler	**0.38**	**0.26**	**0.27**	**0.36**	**0.33**	**0.27**	**0.49**	**0.58**	**0.38**
Indigenous Adult	0.12	0.08	0.09	0.11	0.1	0.08	0.15	0.18	0.12
Crab Hepatopancreas									
Toddler	0.15	0.12	**0.25**	**0.54**	**0.27**	**0.21**	**0.49**	**0.32**	**0.37**
Adult	0.04	0.04	0.07	0.16	0.08	0.06	0.15	0.10	0.11
Indigenous Toddler	0.15	0.12	**0.25**	**0.54**	**0.27**	**0.21**	**0.49**	**0.32**	**0.37**
Indigenous Adult	0.04	0.04	0.07	0.16	0.08	0.06	0.15	0.10	0.11
Sole Meat									
Toddler	0.01	0.01	0.003	0.01	0.01	0.005	0.01	0.01	0.03
Adult	0.003	0.003	0.001	0.003	0.001	0.001	0.002	0.001	0.01
Indigenous Toddler	0.02	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.03
Indigenous Adult	0.01	0.01	0.003	0.01	0.003	0.005	0.004	0.003	0.01

Hazard quotients greater than 0.2 are in **bold underline**.

6.1.5. Zinc

Error! Not a valid bookmark self-reference. presents the zinc HQs for toddlers and adults from their consumption exposure of marine foods.

There was no significant change in the zinc HQ in Kitimat Harbour between the pre-dredge and post-dredge periods. The zinc HQs for marine foods are also similar throughout this study in all study areas. This strongly suggests that the observed zinc concentrations in marine foods represent naturally occurring background levels, and not indicative of nearby contamination from human activities.

Overall, sole meat and crab hepatopancreas the three study areas did not contribute a substantial degree of zinc risk to toddlers and adults. The health risk benchmark of 0.2 for zinc was exceeded only from toddlers consuming crab meat. This result suggests that crab meat consumption should be limited for toddlers to limit the health risk from exposure to zinc, and applies to crab meat from all study areas.

Table 6-5 Hazard Quotients for Zinc

Human Receptor	Hazard Quotients for Zinc								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Crab Meat									
Toddler	**0.28**	**0.24**	**0.27**	**0.28**	**0.29**	**0.28**	**0.28**	**0.29**	**0.25**
Adult	0.09	0.08	0.09	0.09	0.10	0.09	0.09	0.10	0.08
Indigenous Toddler	**0.46**	**0.40**	**0.45**	**0.48**	**0.49**	**0.47**	**0.47**	**0.49**	**0.42**
Indigenous Adult	0.19	0.16	0.18	0.19	0.20	0.19	0.19	0.20	0.17
Crab Hepatopancreas									
Toddler	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02
Adult	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Indigenous Toddler	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02
Indigenous Adult	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sole Meat									
Toddler	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03
Adult	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Indigenous Toddler	0.06	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05
Indigenous Adult	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Hazard quotients greater than 0.2 are in **bold underline**.

6.2. Estimating Carcinogenic Risk (Non-Threshold Effects)

The change in lifetime cancer risk is expressed as the ILCR and represents the potential overall increase in cancer risk that is associated with exposure carcinogenic compounds, including PAH (as a TEQ of benzo(a)pyrene). The ILCR is calculated using the following formula:

$$ILCR = (Estimated\ Lifetime\ Daily\ COPC\ Exposure) \times (TRV)$$

Where:

- ILCR = Incremental lifetime cancer risk (unitless)
- Estimated Lifetime Daily COPC Exposure (mg/kg bw-day) = the estimated daily exposure to a carcinogenic COPC over a lifetime (80 years)
- TRV = the carcinogenic toxicological reference value for a COPC (mg/kg bw-day)$^{-1}$

Regulatory agencies in BC and Health Canada have set ILCR of 0.00001 as the cancer risk acceptability benchmark; or an ILCR of 1 in 100,000 people (i.e., 10^{-5}) (Health Canada 2010a).

6.2.1. PAH

Table 6-6 presents the ILCRs for human exposures to PAH for each type of marine food and the total ILCR assuming a person consumes all three foods at the cited consumption rates every day of the year over a lifetime (80 years).

Table 6-6 Incremental Lifetime Cancer Risk from PAH

Human Receptor	Incremental Lifetime Cancer Risk								
	Kitimat Harbour			Kitamaat Village			Kildala Arm		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Adult									
Crab Meat	3.94E-06	1.41E-06	3.30E-07	9.28E-06	2.65E-06	1.23E-06	9.01E-07	2.50E-06	3.40E-06
Crab Hepatopancreas	5.35E-07	2.83E-07	4.61E-07	2.83E-07	2.22E-07	2.93E-07	5.71E-07	1.26E-07	5.88E-07
Sole Meat	**1.33E-05**	2.27E-06	1.47E-06	1.84E-06	6.47E-07	9.96E-07	3.80E-06	4.00E-07	2.55E-06
Total ILCR	**1.78E-05**	3.97E-06	2.26E-06	**1.14E-05**	3.52E-06	2.52E-06	5.28E-06	3.03E-06	6.54E-06
Indigenous Adult									
Crab Meat	7.91E-06	2.84E-06	6.34E-07	**1.86E-05**	5.33E-06	2.45E-06	1.81E-06	5.02E-06	6.80E-06
Crab Hepatopancreas	5.35E-07	2.83E-07	4.61E-07	2.83E-07	2.22E-07	2.93E-07	5.71E-07	1.26E-07	5.88E-07
Sole Meat	**2.68E-05**	4.57E-06	2.95E-06	3.69E-06	1.30E-06	2.00E-06	7.64E-06	8.05E-07	5.14E-06
Total ILCR	**3.53E-05**	7.69E-06	4.04E-06	**2.26E-05**	6.85E-06	4.74E-06	**1.00E-05**	5.95E-06	**1.25E-05**

NOTE:
Shaded cells denotes value based on essentially non-detectable concentration.
ILCR greater than 0.00001 is indicated in **bold underline**.

In Kitimat Harbour, the ILCR for adults and Indigenous adults harvesting and consuming all three types of marine foods is above the benchmark of 10^{-5} under the 2018 pre-dredge period. This means that people who harvest and consume all three types of marine foods daily at the cited consumption rates would have an unacceptable degree of cancer risk from their exposure to PAH. In the subsequent 2019 and 2020 post-dredge periods, the total ILCR decreases to below the ILCR benchmark, indicating that there is no unacceptable cancer risk from consuming these foods. The total ILCR is reduced by approximately 88% from the 2018 pre-dredge to 2020 post-dredge period. This result suggests that dredging may have reduced the PAH content in marine foods in Kitimat Harbour, and subsequently reduced the cancer risk to marine food consumers from their exposure to PAH.

A similar outcome was shown in Kitamaat Village, where the total ILCR in 2018 was above the cancer risk benchmark of 10^{-5}. The total ILCR in 2020 shows a 78% reduction, and is below the cancer risk benchmark. However, these results for Kitamaat Village are largely based on essentially non-detectable lab results.

In Kildala Arm, the total ILCR is shown to increase numerically from 2018 to 2020. However, these results are based largely upon essentially non-detectable concentrations. It should be noted that summing the ILCR for multiple marine foods may also result in an over-estimation of the cancer risk, especially if the ILCR is based on concentrations that are essentially non-detectable.

7. CONCLUSIONS

7.1. Summary of Changes in Marine Country Food Quality in Kitimat Harbour

The changes in marine food quality in Kitimat Harbour are summarized below. Overall, the measured concentration of COPCs in marine foods either showed a decrease or no statistically significant change. The exception was for cadmium in sole meat which showed a statistically significant increase in the 2020 post-dredge period, but the concentration was still near the detection limit.

These results confirm the predictions of the 2015 HHRA that dredging would have no significant effect or a marginal reduction to the concentration of COPCs in marine foods.

Table 7-1 Summary of Changes in Marine Food Quality in Kitimat Harbour

Chemical of Potential Concern	Change in COPC Concentration from Pre-dredge to Post-dredge		
	Crab Meat	Hepatopancreas	Sole Meat
PAH	Decrease	No change	Decrease
PCB	Decrease or No change	No change	Decrease or No change
PCDD/F	Decrease	No change	No change
Cadmium	No change	No change	No change
Copper	No change	No change	No change
Zinc	No change	No change	No change

7.2. Natural vs Anthropogenic COPCs

The COPCs in this HHRA were identified as chemicals in the CDA sediment that were greater than the CCME sediment quality guidelines for the protection of aquatic life. This method was applied because there are no scientifically accepted screening criteria for chemicals in food.

The CCME sediment quality guidelines protect aquatic life from direct exposure to chemicals in the sediment. The derivation of these guidelines does not consider chemical uptake and retention into its tissues. This means that a chemical that is above the CCME sediment quality guideline does not reflect the chemical concentration in the tissues of marine life. For this reason, the HHRA is needed to confirm whether these chemicals present a potential human health risk.

When sediment samples from the CDA were compared to the CCME sediment quality guidelines for the protection of aquatic life, PAH, PCB, PCDD/F, cadmium, copper, and zinc were above the guidelines and considered COPCs. It was originally assumed that marine foods from Kitimat

Harbour would contain greater concentrations of these COPCs compared with marine foods from Kitamaat Village and Kildala Arm. However, based on the laboratory results, most of the identified COPCs are present at similar concentration ranges within the tissues analyzed, in all three study areas. This suggests that for metals, they are naturally occurring concentrations. For PCDD/F, they may be background levels resulting from regional or global atmospheric and hydrospheric dispersion and deposition of persistent chemicals, rather than local contamination.

For example, in Table 5-2 and Figure 5-3, PCDD/F concentrations in the crab hepatopancreas were similar in range for all three study areas and essentially non-detectable in crab meat and sole meat. The high concentration of PCDD/F originally measured in the sediments within the CDA of Kitimat Harbour have not resulted in a notable increase in PCDD/F concentrations in marine food. Similar observations were made of cadmium (Figure 5-4), copper (Figure 5-5), and zinc (Figure 5-6). Only PAH in sole meat and PCB concentrations in crab hepatopancreas and sole meat from Kitimat Harbour were notably higher than those from Kitamaat Village and Kildala Arm. Although the results are not definitive that PAH and PCB concentrations are particularly higher in marine foods from Kitimat Harbour.

Based on these observations, PCDD/F, cadmium, copper, and zinc in marine foods appear to be naturally occurring or background levels in the region, where similar concentrations in marine food are found in all study areas. PCDD/F, cadmium, copper, and zinc may have been screened into the HHRA based on sediment concentration comparisons to the CCME sediment quality guideline, but the tissue data suggests that these are not contaminants in marine foods. Only PAH and PCB results suggest a potential anthropogenic source.

7.3. Summary of Risk to Marine Food Consumers, 2020

Based upon the HQs for people consuming marine foods from Kitimat Harbour, there is an unacceptable health risk for at least one or more COPCs for all types of marine foods and all human receptors that is not unique to the Project CDA. In the context of marine food quality in the region, a similar degree of risk was observed in all three study areas. This is consistent with the laboratory results showing that PCDD/F, cadmium, copper, and zinc concentrations in marine foods are similar in all study areas.

People who may harvest and consume their entire allotment of marine foods near the Kitimat Harbour CDA will experience similar degrees of health risk from exposure to COPCs compared to people who harvest and consume their entire allotment of marine foods from Kitamaat Village and Kildala Arm. However, it is unlikely that people harvest and consume a substantial proportion of marine foods from Kitimat Harbour due to the five overlapping marine food harvesting bans encompassing this area, and due to the likelihood that people would choose to harvest marine

foods away from an industrial site when other locations are available. Regardless of the location that a person is harvesting their marine foods in either Kitimat Arm or Kildala Arm, adjusting one's consumption rate of these marine foods is advised to limit one's risk.

8. UNCERTAINTY ANALYSIS

8.1. Introduction

The assessment of human health risk involves multiple steps in the risk assessment framework. Uncertainties that are inherent to these steps will influence the final assessment of human health risk. There may be uncertainties associated with data gaps, COPC screening methods, estimation of exposures and ingestion rates, or laboratory analytical methods. Where uncertainties exist, a conservative approach was taken to overestimate the potential risk when feasible. This section describes the uncertainties that were identified and their influence on the assessment of human health risk.

8.2. Screening of Chemicals of Potential Concern

In a HHRA, the process of screening chemicals to select COPCs typically applies environmental quality guidelines that are protective of human health. However, there are no provincial or federal guidelines applicable to seafood quality that are protective of human health.

In the absence of environmental quality guidelines applicable to seafood quality, guidelines applicable to marine sediment and terrestrial soil were applied as a surrogate. The CCME soil quality guidelines for the protection of human health (residential use) were applied as a surrogate guideline when screening for COPCs.

The BC Ministry of Health also requested the additional screening against the CCME sediment quality guidelines for the protection of aquatic life. Sediment quality guidelines for the protection of aquatic life are based on adverse effects to marine life from direct exposure to chemicals in the sediment. These guidelines do not provide any information on chemical bioavailability or whether the chemicals in the sediment are absorbed and retained in the tissues of marine life and passed on to marine foods consumers.

This step reduces the uncertainty in the HHRA because it introduces a benchmark for chemicals to be screened against, when no such benchmark would exist otherwise.

8.3. Detection Limits for PAH, PCB, and PCDD/F

The 2015 HHRA had applied gas chromatography—mass spectroscopy analysis for PAH in marine foods. This type of analysis has a relatively low resolution, and it was not capable of measuring the trace concentrations of PAH in marine foods. Since a non-detectable outcome was also possible for PCB and PCDD/F, all organic COPCs in this study were analyzed using accredited forms of analysis using HRMS. HRMS is a high-resolution analytical method, which is capable of measuring down to approximately 1 ppb for PAH, and 1 ppt for PCB and PCDD/F. However, the laboratory results summarized in Table 5-2 and APPENDIX 5 (for 2018 pre-dredge samples), APPENDIX 6 (for 2019 post-dredge samples), and APPENDIX 7 (for 2020 post-dredge samples) indicate that some results for PAH, PCB, and PCDD/F were still below the detection limit.

Stantec consulted with analytical chemistry experts at Bureau Veritas Laboratories in Burnaby, BC regarding the possibility of further lowering the detection limits. However, the sample detection limits applicable to this study are the lowest achievable using accredited analytical methods. Chemical analytical experts at Bureau Veritas Laboratories indicated that it was possible to lower the detection limits further using non-accredited analytical methods, citing this as common practice among published research that uses university chemistry laboratories for analysis. However, using a non-accredited analytical method could introduce further uncertainty and inconsistency with the analytical methods. Stantec chose to apply the accredited analytical method rather than introduce further uncertainty by using an unaccredited method of analysis.

In instances where a COPC was found to be lower than the detection limit, it was assumed that the COPC was present at the detection limit. The 95% UCLM concentration of COPCs was calculated by applying this assumption, when applicable. However, if more than 70% of the test results were below the detection limit, the sample group was flagged as "essentially non-detectable". This allows for the interpretation of the health risk based on the presumption that COPCs are present at the detection limit, while also recognizing that the results were essentially non-detectable in most tissue samples.

Experts at Bureau Veritas Laboratories also noted that tissue samples with essentially non-detectable concentrations (i.e., with 70% or more congeners below the detection limit) may be artificially high when reported as a TEQ due to the summation of non-detects from the individual congeners. For example, if a tissue sample contains non-detectable (less than 1 ppt) PCDD/F concentrations for all 17 congeners, the reported concentration would be higher than 1 ppt TEQ because the toxic equivalence is summed for the 17 congeners. This means that concentrations of PAH, PCB, and PCDD/F that are essentially non-detectable are overestimated and conservative. The degree of overestimation varies per sample.

8.4. Assumed vs Actual Marine Food Ingestion Rates

The estimated ingestion rates for marine foods from Richardson (1997) are for the average Canadian and Indigenous population. These ingestion rates may reflect a person's actual ingestion of seafood; but they do not reflect the harvesting and consumption of marine foods within the Kitimat Harbour study area.

Section 2.1.2 (Marine Harvesting Bans) and Section 2.1.3 (Traditional Use and Local Harvesting) indicate that local Indigenous groups and the general public in Kitimat perceive the marine waters near Kitimat Harbour to be contaminated from industrial activity. Furthermore, the area affected by dredging is under multiple overlapping shellfish harvesting bans that are applicable to crabs and shellfish year-round. Currently, local people do not harvest marine foods near Kitimat Harbour because there are other readily accessible areas that are perceived to be clean (i.e., south of Kitamaat Village). There are also numerous large vessels, barges, and equipment that would present a safety risk to the public approaching Kitimat Harbour to harvest marine foods during construction.

During the course of this study, aesthetic differences were observed in Dungeness crab from Kitimat Harbour to those collected from Kitamaat Village and Kildala Arm. During crab dissections, the hemocoel (i.e., the main body cavity) of crabs from Kitimat Harbour was observed to contain hemolymph containing black sediment. Crabs from Kitamaat Village and Kildala Arm contained hemolymph that was clear. Dungeness crabs from Kitimat Harbour also had a distinct odour, comparable to the smell of ash. These observations, when made by people who harvest marine foods near Kitimat Harbour, are likely to perpetuate the perception that the seafood in the area is contaminated. In personal communications with members of the Haisla Nation, they noted a disagreeable taste associated with Dungeness crabs near Kitimat Harbour as a reason they no longer harvest from the area. Consequently, although the data suggests similar degrees of health risk among the three study areas based on the tissue chemistry, members of the Haisla Nation and the public are likely to continue to avoid harvesting near Kitimat Harbour due to notable changes in marine food quality as it relates to visual aesthetics, odour, and taste.

Therefore, this HHRA conservatively overestimates the actual consumption of marine foods harvested from the Kitimat Harbour study area.

8.5. Health Risk Associated with Multiple COPC Exposure

The current understanding of the toxicity of certain compounds is based primarily on toxicity studies performed in laboratory animals exposed to a single toxic agent. However, the human population is exposed to complex mixtures of chemicals at lower concentrations than those routinely examined in animal toxicity studies; and, the effects of any interactions (e.g., synergistic effects) between these substances on their overall toxicity is virtually unknown. As a result, guidelines for the protection of human health are almost exclusively based on exposure to single substances.

Substances in a mixture may interact in five general ways to elicit a biological response:

- Non-interacting: when substances have no effect in combination with each other, the toxicity of the mixture is the same as the toxicity of the most toxic substance in the mixture
- Additive: when substances have similar targets and modes of action, but do not interact, the hazard for exposure to the mixture is simply the sum of hazards for the individual substances
- Potentiation: when a non-toxic substance enhances the toxicity of another
- Synergistic: when there is a positive interaction among the substances such that the response is greater than would be expected if the substances acted independently
- Antagonistic: when there is a negative interaction among the substances such that the response is less than would be expected if the substances acted independently

There is no clear guidance on how to evaluate the interaction amongst substances in a mixture and their potential effects to human health risk. There are exceptions for chemicals such as PCDD/F, PCB and PAH where variants of a chemical group have the same mode of action and toxic endpoint, but at different levels of potency. In such cases, regulatory agencies provide guidance in the form of toxic equivalency factors, which are converted into a toxic equivalency or TEQ based on the toxic equivalency factors that are accepted by the scientific community. This method was applied when evaluating the concentration of PAH, PCB, and PCDD/F in marine foods samples.

8.6. Definition of Health and Perceived Health

The HHRA is a science-based approach recommended by Health Canada to evaluate human health risk. The risk assessor recognizes that the definition of health extends beyond physical health that is assessed in this report.

The risk assessor recognizes that traditional harvesting and use of country foods is deeply integrated with the perception of social, nutritional, cultural, and spiritual health. The practice of hunting, fishing, and gathering country foods and sharing them with other members of the community are social practices that bring individuals and families together. In this way, country foods represent an important factor in health and well-being that cannot be assessed scientifically in the same manner as the HHRA.

8.7. Toxicological Reference Values

The toxicity information for which TRVs and cancer slope factors are derived from typically include human epidemiological and nutritional studies and animal dose-response studies. For example, the TRVs for copper and zinc are based on nutritional studies because these metals are essential elements that are required for enzyme function and metabolism but become toxic at high doses. TRVs for PAH, PCB, PCDD/F and cadmium are based on animal dose-response studies or accidental human poisoning cases, since these substances have no important role in biological processes and are associated with only adverse biological effects.

Uncertainty factors are typically denominators of 10, 100 or 1,000 which are applied to the no observable adverse effects level (i.e., the highest exposure concentration where no chronic health effects were measured) to determine the TRV. Therefore, TRVs have a large margin of conservatism incorporated into their derivation to reduce the risk of underestimating a COPC's risk potential.

9. REFERENCES

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APPENDIX 1. FEDERAL CONDITIONS FOR THE LNG CANADA EXPORT TERMINAL PROJECT

Decision Statement
Issued under Section 54 of the *Canadian Environmental Assessment Act, 2012*

to
LNG Canada Development Inc.
c/o Russell Morrison, Senior Environmental Planner

595 Burrard Street, PO Box 49162
Vancouver, British Columbia
V7X 1J1

for the
LNG Canada Export Terminal Project

Description of the Designated Project

LNG Canada Development Inc. is proposing the construction and operation of a natural gas liquefaction facility and marine terminal for the export of liquefied natural gas (LNG) in the District of Kitimat, British Columbia. The Designated Project would convert natural gas to LNG, approximately 26 million tonnes per annum, for export to global markets. The Designated Project is expected to have a life of at least 25 years.

Conduct of the environmental assessment

The Canadian Environmental Assessment Agency (the Agency) commenced an environmental assessment of the Designated Project under the *Canadian Environmental Assessment Act, 2012* (CEAA 2012) on May 21, 2013 and, on that same date, the Minister of the Environment, under the authority of section 32 of CEAA 2012, granted the substitution of the environmental assessment process set out in British Columbia's *Environmental Assessment Act* for the CEAA 2012 process.

British Columbia's Environmental Assessment Office (the EAO) conducted an environmental assessment of the Designated Project in accordance with the substitution conditions set out in subsection 34(1) of CEAA 2012, including those additional conditions set by the Minister of the Environment, and in consideration of the Memorandum of Understanding on Substitution of Environmental Assessments (2013) entered into by the Agency and the EAO. The EAO submitted its report to the Agency on May 6, 2015.

Decision on environmental effects referred to in subsection 5(1) of CEAA 2012

In accordance with paragraph 52(1)(a) of CEAA 2012, after considering the report of the EAO on the Designated Project and the implementation of mitigation measures that I consider appropriate, I

determined that the Designated Project is likely to cause significant adverse environmental effects referred to in subsection 5(1) of CEAA 2012.

In accordance with subsection 52(2) of CEAA 2012, I referred to the Governor in Council the matter of whether those significant adverse environmental effects were justified in the circumstances.

In accordance with paragraph 52(4)(a) of CEAA 2012, the Governor in Council decided that the significant adverse environmental effects that the Designated Project is likely to cause are justified in the circumstances.

In accordance with subsection 53(1) of CEAA 2012, I have established the conditions below in relation to the environmental effects referred to in subsection 5(1) of CEAA 2012, with which LNG Canada Development Inc. must comply.

Decision on environmental effects referred to in subsection 5(2) of CEAA 2012

The carrying out of the Designated Project may require the following federal authorities to exercise a power or perform a duty or function conferred on them under an Act of Parliament other than CEAA 2012:

- The Minister of Fisheries and Oceans may issue an authorization under paragraph 35(2)(b) of the *Fisheries Act*;
- The Minister of the Environment may issue a permit for disposal at sea under subsection 127(1) of the *Canadian Environmental Protection Act*, *1999*; and
- The Minister of Transport may approve works in and about navigable waters under subsection 6(1) of the *Navigation Protection Act*.

In accordance with paragraph 52(1)(b) of CEAA 2012, after considering the report of the EAO on the Designated Project and the implementation of mitigation measures that I consider appropriate, I determined that the Designated Project is not likely to cause significant adverse environmental effects referred to in subsection 5(2) of CEAA 2012.

In accordance with subsection 53(2) of CEAA 2012, I have established the conditions below in relation to the environmental effects referred to in subsection 5(2) of CEAA 2012, with which LNG Canada Development Inc. must comply.

1 Definitions

1.1 *Aboriginal groups* – Haisla Nation, Gitga'at First Nation, Kitselas, Kitsumkalum, Gitxaala Nation, Lax Kw'alaams, Metlakatla, and Métis Nation British Columbia.

1.2 *Agency* – Canadian Environmental Assessment Agency.

1.3 *Construction* – the phase of the Designated Project during which physical activities in connection with site preparation, building or installation of any component of the Designated Project are undertaken by the Proponent prior to operation.

1.4 *Days* – calendar days.

1.5 *Decommissioning* – the phase of the Designated Project where the Proponent has permanently ceased commercial production and has commenced actions to remove from service any component of the Designated Project, and continues these actions until site restoration activities are complete.

1.6 *Designated Project* – the LNG Canada Export Terminal Project as described in the Certified Project Description in Schedule A of the Environmental Assessment Certificate issued by the Government of British Columbia (Canadian Environmental Assessment Registry Reference Number 80038).

1.7 *Ecologically important wetlands* – wetlands and estuarine wetland communities that are red-listed or blue-listed by the British Columbia Conservation Data Centre.

1.8 *Environment Canada* – the Department of the Environment as established under subsection 2(1) of the *Department of the Environment Act*.

1.9 *Fish* – as defined in subsection 2(1) of the *Fisheries Act*, includes (a) parts of fish; (b) shellfish, crustaceans, marine animals and any parts of shellfish, crustaceans or marine animals; and (c) the eggs, sperm, spawn, larvae, spat and juvenile stages of fish, shellfish, crustaceans and marine animals.

1.10 *Fish habitat* – as defined in subsection 2(1) of the *Fisheries Act*, means spawning grounds and any other areas, including nursery, rearing, food supply and migration areas, on which fish depend directly or indirectly in order to carry out their life processes.

1.11 *Fisheries and Oceans Canada* – the Department of Fisheries and Oceans as established under subsection 2(1) of the *Department of Fisheries and Oceans Act*.

1.12 *Follow-up program* – as defined in subsection 2(1) of the *Canadian Environmental Assessment Act, 2012*, means a program for (a) verifying the accuracy of the environmental assessment of a designated project; and (b) determining the effectiveness of any mitigation measures.

1.13 *Initial dilution zone* – the area adjacent to an effluent outfall where the effluent is deposited and mixes with water in the receiving environment.

1.14 *Liquefied Natural Gas (LNG)* – a fluid in a liquid state that is composed predominately of methane and that may contain minor quantities of ethane, propane, nitrogen or other components found in natural gas.

1.15 *Migratory bird* – as defined in subsection 2(1) of the *Migratory Birds Convention Act, 1994*, means a migratory bird referred to in the Convention, and includes the sperm, eggs, embryos, tissue cultures and parts of the bird.

1.16 *Mitigation measures* – as defined in subsection 2(1) of the *Canadian Environmental Assessment Act, 2012*, means measures for the elimination, reduction or control of the adverse environmental effects of a designated project, and includes restitution for any damage to the environment caused by those effects through replacement, restoration, compensation or any other means.

1.17 *Navigation impacts* – include impacts on water depths and water widths that affect the passage of a vessel, including a vessel used by Aboriginal people in the context of their current use of lands and resources for traditional purposes.

1.18 *Operation* – the phase of the Designated Project during which the commercial production takes place.

1.19 *Progressive reclamation* – a planned approach carried out concurrently with Designated Project activities aimed at progressively returning any physically disturbed areas to a state as close to the baseline as possible, as soon after the disturbance as practical.

1.20 *Project footprint* – the land area physically disturbed by activities related to the construction, operation, decommissioning or abandonment of the Designated Project.

1.21 *Proponent* – LNG Canada Development Inc. or any other party, and their successors or assigns, that assume ownership, care, control or management of the Designated Project.

1.22 *Qualified individual* – someone who, through education, experience and knowledge relevant to a particular matter, may be relied on to provide advice within his or her area of expertise.

1.23 *Reporting year* – April 1 of a calendar year through March 31 of the subsequent calendar year.

1.24 *Species at risk* – as defined in subsection 2(1) of the *Species at Risk Act*, means an extirpated, endangered or threatened species or a species of special concern.

1.25 *Transport Canada* – the Department of Transport as established under subsection 3(1) of the *Department of Transport Act*.

1.26 *Wetland* – land saturated with water long enough to promote formation of water altered soils, growth of water-tolerant vegetation and various kinds of biological activity that is adapted to the wet environment and separated into five classes: fen, bog, marsh, swamp and shallow open water wetlands (includes open water areas less than two metres deep with wetland characteristics).

1.27 *Wetland functions* – include the natural processes and derivation of benefits and values associated with wetland ecosystems, fish and wildlife habitat, organic carbon storage, water supply and purification (e.g. groundwater recharge, flood control, maintenance of flow regimes, shoreline erosion buffering), and soil and water conservation, as well as traditional use, tourism, heritage, recreational, educational, scientific, and aesthetic opportunities.

Conditions

These conditions are established for the sole purpose of the Decision Statement issued under the *Canadian Environmental Assessment Act, 2012*. They do not relieve the Proponent from any obligation to comply with other legislative or other legal requirements by the federal, provincial or local governments. Nothing in this Decision Statement shall be construed as reducing, increasing, or otherwise affecting what may be required to comply with all applicable legislative or other legal requirements.

2 General conditions

2.1 The Proponent shall, throughout all phases of the Designated Project, ensure that its actions in meeting the conditions set out in this Decision Statement are informed by the best available information and knowledge, are based on validated methods and models, are undertaken by qualified individuals, and have applied the best available economically and technologically feasible strategies.

2.2 The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement:

2.2.1 provide written notice of the opportunity for the party or parties to present their views on the subject of the consultation;

2.2.2 provide sufficient information and a reasonable period of time to permit the party or parties to prepare their views;

2.2.3 provide a full and impartial consideration of any views presented; and

2.2.4 advise the party or parties that have provided comments on how the views and information received have been considered.

2.3 The Proponent shall, where consultation with Aboriginal groups is a requirement of a condition set out in this Decision Statement, and prior to the initiation of consultation, communicate with each Aboriginal group on the most appropriate manner in which to satisfy the consultation requirements referred to in condition 2.2.

2.4 The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement:

2.4.1 undertake monitoring and analysis to verify the accuracy of the environmental assessment as it pertains to the condition and/or to determine the effectiveness of any mitigation measure(s);

2.4.2 where the results of the monitoring and analysis indicate issues with respect to the accuracy of the environmental assessment or the effectiveness of any mitigation measures that may lead to adverse environmental effects, identify the means by which it will determine whether additional mitigation measures are required, including the need for consultation with other parties in reaching that determination; and

2.4.3 implement additional mitigation measures, as appropriate.

2.5 The Proponent shall, from the reporting year where construction starts, submit to the Agency an annual report, including an executive summary of the annual report in both official languages. The annual report is to be submitted by the Proponent no later than June 30 following the reporting year. The Proponent shall document in the report:

2.5.1 implementation activities undertaken in the reporting year for each of the conditions;

2.5.2 how it has considered and incorporated the factors set out in condition 2.1 in the implementation of the conditions set out in this Decision Statement;

2.5.3 for conditions set out in this Decision Statement for which consultation is a requirement, how it has considered any views and information received during or as a result of the consultation;

2.5.4 the results of the follow-up program requirements identified in conditions 3.14 , 4.2.4, 4.5, 5.3, 6.3.6 and 7.2; and

2.5.5 any additional mitigation measures implemented or proposed to be implemented, as determined under condition 2.4.

2.6 The Proponent shall publish on the Internet, or any similar medium, the annual report, the executive summary referred to in condition 2.5, the Wetland Compensation Plan referred to in condition 4.3, the plan to offset the loss of fish and fish habitat referred to in condition 3.11, the Archaeological and Heritage Resources Management Plan referred to in condition 8.1, the Decommissioning Plan referred to in condition 9.1, and the implementation schedule referred to in condition 11, following submission of these documents to the parties referenced in the respective conditions. The Proponent shall keep these documents publicly available for twenty-five years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first.

2.7 The Proponent shall notify the Agency in writing no later than 60 days after the day on which there is a transfer of ownership, care, control or management of the Designated Project in whole or in part.

2.8 In the event that there is a transfer of ownership, care, control or management of the Designated Project from LNG Canada Development Inc. to another party, that party becomes the Proponent of the Designated Project and is bound by the conditions found in this Decision Statement.

3 Fish and fish habitat

3.1 The Proponent shall implement erosion control measures and sediment control measures during all phases of the Designated Project.

3.2 The Proponent shall revegetate disturbed riparian areas, using native vegetation, as soon as practicable after construction.

3.3 The Proponent shall isolate construction activities from adjacent freshwater fish habitat.

3.4 The Proponent shall salvage and relocate fish during in-water work requiring isolation of freshwater fish habitat.

3.5 The Proponent shall design the water intake for the Designated Project to avoid or reduce injury to and mortality of fish, including the risk of entrainment of eulachon larvae. The Proponent shall install the water intake that is so designed and shall monitor the operation of that intake to determine whether or not injury to and mortality of fish is avoided or reduced. Based on the monitoring results, the Proponent shall, as appropriate, modify the water intake or implement other measures to avoid or reduce injury to and mortality of fish.

3.6 The Proponent shall apply low-noise methods or sound dampening technologies to reduce adverse effects to fish from exposure to underwater noise during pile installation.

3.7 The Proponent shall, prior to the start of in-water construction activities; establish the location and timing of sensitive life stages and habitat occupancy for fish (including marine mammals) in consultation with Fisheries and Oceans Canada and Aboriginal groups; advise the Agency of that information; and shall conduct in-water construction activities during the timing windows of least risk to those life stages and habitat occupancy, unless otherwise authorized by Fisheries and Oceans Canada.

3.8 When conducting in-water construction activities outside the timing windows of least risk referred to in condition 3.7, the Proponent shall implement additional mitigation measures following consultation with Fisheries and Oceans Canada, including sediment containment when dredging and using sediment disposal methods and equipment that will limit re-suspension of sediments.

3.9 To avoid detrimental behavioural change in or injury to marine mammals, the Proponent shall establish and maintain a marine mammal exclusion zone for all construction activities where underwater noise levels are anticipated to exceed 160 decibels at a reference pressure of one micropascal. In doing so, the Proponent shall:

3.9.1 identify the construction activities that generate underwater noise levels greater than 160 decibels and the periods of time when those activities will occur;

3.9.2 establish the boundary of the exclusion zone for each construction activity at the distance from the activity that the underwater noise level reaches 160 decibels;

3.9.3 employ a marine mammal observer and specify the role of that person in observing and reporting marine mammals in the exclusion zone during construction activities identified in condition 3.9.1;

3.9.4 specify the circumstances in which construction activities identified in condition 3.9.1 must stop or not start if a marine mammal is sighted in the exclusion zone by the observer referred to in condition 3.9.3 and not re-start until the marine mammal has moved out of the exclusion zone; and

3.9.5 specify mitigation measures, such as sound dampening technology and soft-start procedures to reduce construction noise levels in the exclusion zone.

3.10 LNG carriers associated with the Designated Project shall respect speed profiles applicable to the operation of the Designated Project, subject to navigational safety, to prevent or reduce the risks of collisions between LNG carriers and marine mammals and shall report any collision with marine mammals to Fisheries and Oceans Canada, and notify Aboriginal groups.

3.11 The Proponent shall mitigate impacts to fish and fish habitat and, in consultation with Fisheries and Oceans Canada, develop and implement a plan to offset the loss of fish and fish habitat associated with the carrying out of the Designated Project.

3.12 For any fish habitat offsets area proposed in any offsetting plan under condition 3.11, and prior to submitting the offsetting plan to Fisheries and Oceans Canada, the Proponent shall determine whether there are adverse effects:

3.12.1 on migratory birds and their habitats;

3.12.2 on terrestrial species, including amphibians and reptiles, and their habitats;

3.12.3 on species at risk and their habitat;

3.12.4 on the current use of lands and resources for traditional purposes by Aboriginal peoples;

3.12.5 on navigation; and

3.12.6 from potential sources of contamination including polycyclic aromatic hydrocarbons, dioxins, furans, copper and zinc on the receiving environment.

3.13 The Proponent shall, if there are adverse effects on any of the elements of condition 3.12, avoid or lessen those adverse effects.

3.14 In consultation with Fisheries and Oceans Canada and Aboriginal groups, the Proponent shall develop and implement a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures identified under conditions 3.1 to 3.11 and 3.13.

3.15 The Proponent shall participate in regional initiatives relating to cumulative effects monitoring and the management of marine shipping, should there be any such initiatives during the construction and operation phases of the Designated Project.

4 Wetlands

4.1 The Proponent shall mitigate the adverse environmental effects of the Designated Project on wetland functions that support migratory birds, species at risk or the current use of lands and resources for traditional purposes by Aboriginal people. The Proponent shall give preference to avoiding the loss of wetlands over minimizing the adverse effects on wetlands and for managing the effects on wetlands over compensating for lost or adversely affected wetlands.

4.2 To avoid loss of wetlands or to manage adverse effects on wetlands impacted by the Designated Project footprint and adverse effects on wetland function on and for those wetlands adjacent to the Designated Project footprint, the Proponent shall:

4.2.1 delineate clearing boundaries prior to the commencement of construction and respect those boundaries during construction;

4.2.2 maintain, where practicable, tidal flow and wildlife passage in the LNG loading line corridor between the LNG processing and storage site and the marine terminal;

4.2.3 manage surface water and avoid erosion or sedimentation to maintain hydrology of adjacent wetlands and protect water quality; and

4.2.4 conduct follow-up monitoring prior to and during construction to detect potential unanticipated loss of wetland functions and implement adjustments to mitigate loss of those wetland functions.

4.3 For effects on ecologically important wetlands that cannot be avoided or minimized, mitigation measures shall be set out in a Wetland Compensation Plan that shall be prepared by the Proponent in consultation with Aboriginal groups. The mitigation measures to be set out in the Wetland Compensation Plan shall include:

4.3.1 implementing a 2:1 ratio of compensation area to the loss of ecologically important wetland area;

4.3.2 identifying sites to compensate for the lost wetlands referred to in 4.3.1, that are as close to Kitimat as possible and that reflect similar wetland types and functions to those that are lost;

4.3.3 a preference for wetland restoration over enhancement, and wetland enhancement over creation; and

4.3.4 whenever possible, using traditional plants in the enhancement or creation of the compensation sites referred to in 4.3.2 and providing access to those sites to Aboriginal people for the purposes of gathering traditional use plants.

4.4 The Proponent shall implement the wetland compensation plan within five years of the date of the start of construction.

4.5 The Proponent shall implement a follow-up program to verify that the compensation wetland sites are fulfilling the functions of the wetlands they are replacing and shall implement corrective actions in respect of the compensation wetlands if the latter do not fulfill those functions. The follow-up program shall include monitoring of the compensatory wetland sites to verify that lost habitat is being restored at or on those sites, in year one, and in years three, five, and ten following the enhancement or creation of the compensating wetlands.

5 Migratory birds

5.1 The Proponent shall carry out all phases of the Designated Project in a manner that protects and avoids harming, killing or disturbing migratory birds or destroying or taking their nests or eggs. In this regard, the Proponent shall take into account Environment Canada's *Avoidance Guidelines*. The Proponent's actions in applying the *Avoidance Guidelines* shall be in compliance with the *Migratory Birds Convention Act, 1994* and with the *Species at Risk Act*.

5.2 The Proponent shall:

5.2.1 restrict flaring of vented emissions to the minimum required for maintenance activities or to manage emergencies;

5.2.2 minimize flaring during night time and during periods of bird vulnerability; and

5.2.3 adjust operational lighting to avoid attracting migratory birds.

5.3 The Proponent shall develop and implement a follow-up program to determine the effectiveness of the mitigation measures used to avoid harm to migratory birds, their eggs and nests during all phases of the Designated Project.

5.4 The Proponent shall avoid or lessen, and monitor effects on the habitat of the Marbled Murrelet (*Brachyramphus marmoratus*), a species that appears on Schedule 1 of the *Species at Risk Act*. The Proponent shall compensate for the loss of habitat of the Marbled Murrelet as a result of the Designated Project, taking into account Environment Canada's *Operational Framework for Use of Conservation Allowances*.

6 Human health

6.1 The Proponent shall incorporate noise and air emission reduction measures in the design of the Designated Project, and implement noise and air emission reduction measures during all phases of the Designated Project to avoid or reduce potential effects on human health, including:

6.1.1 complying with the *Waste Discharge Regulation* under British Columbia's *Environmental Management Act* for operational air emissions;

6.1.2 applying best management practices and guidance for construction noise from the British Columbia Oil and Gas Commission's *Noise Control Best Practices Guidelines*; and

6.1.3 complying with the operational noise requirement of the British Columbia Oil and Gas Commission's *Liquefied Natural Gas Facility Regulation*.

6.2 The Proponent shall develop and implement a mechanism for receiving noise complaints, in consultation with Aboriginal groups and other parties who may be adversely affected by the noise caused by the Designated Project and during all phases of the Designated Project, and respond in a timely manner to any noise complaint received.

6.3 The Proponent shall implement measures related to marine water quality and sediment quality , including:

6.3.1 prior to the commencement of dredging, establishing a shellfish and groundfish tissue baseline and using it to complete a human health risk assessment for the consumption of fish;

6.3.2 conducting an assessment of the risks and potential duration of any exceedances of Canadian Council of Ministers of the Environment's *Water Quality and Interim Sediment Quality Guidelines*, and British Columbia's *Water Quality Guidelines* and *Working Sediment Quality Guidelines* that could occur during dredging and other in-water construction activities, and identify mitigation measures to avoid such exceedances;

6.3.3 implementing mitigation measures to minimize sediment dispersion during in-water construction activities, including isolation methods;

6.3.4 conducting onsite sediment and water quality monitoring in relation to the re-suspension and bioavailability of polycyclic aromatic hydrocarbons, dioxins and furans during in-water construction activities;

6.3.5 communicating any exceedances of the Canadian Council of Ministers of the Environment's *Water Quality and Interim Sediment Quality Guidelines*, and British Columbia's *Water Quality Guidelines* and *Working Sediment Quality Guidelines* to regulatory authorities in accordance with legislative requirements and to Aboriginal groups, and implementing mitigation measures identified in condition 6.3.2 to remedy those exceedances or to reduce associated risks to human health; and

6.3.6 developing and implementing a post-dredging follow-up program, in consultation with Aboriginal groups, to confirm the human health risk assessment predictions, including additional sampling of the shellfish and groundfish tissue to confirm the assessment predictions regarding the bioavailability and bioaccumulation of contaminants in fish consumed by humans. The Proponent shall communicate the results of the follow-up program to Aboriginal groups.

6.4 The Proponent shall, during operation, treat any effluent discharge from the facility marine outfall pipe to meet subsection 36(3) of the *Fisheries Act* and British Columbia's *Water Quality Guidelines* for the protection of marine life measured at the edge of the initial dilution zone.

7 Current use of lands and resources for traditional purposes

7.1 The Proponent shall develop and implement, in consultation with Aboriginal groups, a communication protocol for all phases of the Designated Project. The communication protocol shall include procedures and practices for sharing information and facilitating communication between the Proponent and the Aboriginal groups and other local marine users on the following:

7.1.1 location and timing of Designated Project-related construction activities;

7.1.2 location and timing of traditional activities by Aboriginal groups;

7.1.3 safety procedures, such as navigation aids and updated navigational charts;

7.1.4 location of areas where navigation is restricted for safety reasons;

7.1.5 operational speed requirements under the *Canada Shipping Act, 2001* or its regulations, and general schedules of the operation of LNG carriers associated with the Designated Project; and

7.1.6 ways in which to provide feedback to the Proponent on adverse effects related to navigation experienced by Aboriginal groups and other local marine users.

7.2 The Proponent shall develop and implement, in consultation with Aboriginal groups, a follow-up program to verify the accuracy of the predictions made during the environmental assessment in relation to the effects of the wake generated by the Designated Project on the current use of lands and resources for traditional purposes by Aboriginal groups. The follow-up program shall include:

7.2.1 monitoring during the first two years of operation of the degree of wake generation by Designated Project-related vessels and of any adverse effects on harvesters caused by vessel wake attributable to Designated Project-related vessels at key harvest sites and during key harvest periods identified in consultation with Aboriginal groups; and

7.2.2 providing the results of the follow-up program and any corrective actions taken to Aboriginal groups.

7.3 The Proponent shall provide Aboriginal groups with the implementation schedule, updates or revisions to the implementation schedule pursuant to condition 11 at the same time these documents are provided to the Agency.

8 Physical and cultural heritage and structure, site or thing of historical, archaeological, paleontological or architectural significance

8.1 The Proponent shall, in consultation with Aboriginal groups and local historical societies, develop and implement an Archaeological and Heritage Resources Management Plan for the Designated Project prior to construction. The Archaeological and Heritage Resources Management Plan shall take into account British Columbia's *Handbook for the Identification and Recording of Culturally Modified Trees*. The Archaeological and Heritage Resources Management Plan shall include:

8.1.1 a description of structures, sites or things of historical, archaeological, paleontological or architectural significance (including Culturally Modified Trees) that may be encountered by the Proponent during construction;

8.1.2 procedures and practices for on-site monitoring of construction activities that may affect a structure, site or thing of historical, archaeological, paleontological or architectural significance (including Culturally Modified Trees) and for the identification and removal of these resources; and

8.1.3 a Chance Find Protocol if a previously unidentified structure, site or thing of historical, archaeological, paleontological or architectural significance (including Culturally Modified Trees) is discovered by the Proponent or brought to the attention of the Proponent by an Aboriginal group or another party during construction.

9 Decommissioning

9.1 The Proponent shall develop and submit to the Agency a Decommissioning Plan at least one year prior to the end of operation, consistent with any statutory or regulatory requirements in effect at that time. The Decommissioning Plan shall include a description of:

9.1.1 any consultation undertaken during the development of the Decommissioning Plan, including any issues raised by Aboriginal groups and other parties and how they were resolved by the Proponent;

9.1.2 the components of the Designated Project that will be decommissioned by the Proponent;

9.1.3 the desired end-state objectives of the areas that will be decommissioned by the Proponent and those that will not be decommissioned;

9.1.4 the components of the environment that may be adversely affected by decommissioning activities or by components of the Designated Project that continue in their state at the end of operation;

9.1.5 how the Proponent will monitor and mitigate adverse environmental effects from decommissioning activities;

9.1.6 how the Proponent will conduct in-water and land-based decommissioning activities (including the location, the scheduling and sequencing of activities);

9.1.7 a strategy for progressive reclamation, if appropriate; and

9.1.8 an approach to consulting Aboriginal groups and federal and provincial authorities throughout the decommissioning phase.

9.2 The Proponent shall from the reporting year in which decommissioning begins until the end of decommissioning, submit to the Agency a written report no later than June 30 of the following reporting year. The written report shall include a description of:

9.2.1 the decommissioning activities that took place during the reporting year;

9.2.2 any adverse environmental effects identified by the proponent with respect to those decommissioning activities;

9.2.3 a description of the mitigation measures that were implemented by the Proponent to mitigate or reduce those adverse effects, and

9.2.4 consultation activities.

10 Accidents or Malfunctions

10.1 The Proponent shall take all reasonable measures to prevent accidents and malfunctions that may result in adverse environmental effects and shall implement the emergency response procedures and contingencies developed in relation to the Designated Project.

10.2 In the event of an accident or malfunction with the potential to cause adverse environmental effects, the Proponent shall:

10.2.1 notify relevant federal and provincial authorities, including the Agency of the occurrence as soon as possible;

10.2.2 implement measures to minimize any adverse environmental effects associated with the occurrence as soon as possible;

10.2.3 submit a written report to the Agency as soon as possible in the circumstances, but at the latest 30 days after the day on which the accident or malfunction took place. The written report must include:

10.2.3.1 the measures that were taken to mitigate the effects of the occurrence;

10.2.3.2 a description of any residual environmental effects, and any additional measures required to address residual environmental effects; and

10.2.3.3 if an emergency response plan was implemented, details concerning its implementation.

10.2.4 as soon as possible, but no later than 90 days after the day on which the accident or malfunction took place, submit a written report to the Agency on the changes made to avoid a subsequent occurrence of the accident or malfunction.

10.3 The Proponent shall prepare and implement a communication strategy in consultation with Aboriginal groups that shall include:

10.3.1 the types of accident or malfunction requiring a notification to the respective Aboriginal groups;

10.3.2 the manner by which Aboriginal groups shall be notified of an accident or malfunction and of any opportunities to assist in the response; and

10.3.3 points of contact for the Proponent and for the respective Aboriginal groups.

11 Implementation schedule

11.1 The Proponent shall submit an implementation schedule for conditions contained in this Decision Statement to the Agency, or anyone designated pursuant to section 89 of the *Canadian Environmental Assessment Act, 2012*, at least 30 days prior to construction. The implementation schedule shall indicate the commencement and completion dates for each activity relating to conditions set out in this Decision Statement.

11.2 The Proponent shall submit an update to this implementation schedule in writing to the Agency, or anyone designated pursuant to section 89 of the *Canadian Environmental Assessment Act, 2012*, every two years on or before June 30, until completion of the activities.

11.3 The Proponent shall provide the Agency, or anyone designated pursuant to section 89 of the *Canadian Environmental Assessment Act, 2012*, with a revised implementation schedule if any change occurs from the initial schedule or any subsequent updates. The Proponent shall provide the revised implementation schedule at least 30 days prior to the implementation of the change.

12 Record keeping

12.1 The Proponent shall maintain a written record, or a record in an electronic format compatible with that used by the Agency, and retain and make available that record to the Agency, or anyone designated pursuant to section 89 of the *Canadian Environmental Assessment Act, 2012*, at a facility close to the Designated Project (local facility). The record shall include information related to the implementation of the conditions set out in this Decision Statement, and the results of all monitoring, including:

12.1.1 the place, date and time of any sampling, as well as techniques, methods or procedures used;

12.1.2 the dates and the analyses that were performed;

12.1.3 the analytical techniques, methods or procedures used in the analyses;

12.1.4 the names of the persons who collected and analyzed each sample and documentation of any professional certifications relevant to the work performed that they might possess; and

12.1.5 the results of the analyses.

12.2 The Proponent shall retain and make available upon demand to the Agency, or anyone designated pursuant to section 89 of the *Canadian Environmental Assessment Act, 2012*, the information contained in condition 12.1 at a facility close to the Designated Project (or at a location within Canada and agreed upon by the Agency, should the local facility no longer be maintained). The information shall be retained and made available throughout construction and operation, and for twenty-five years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first.

Issuance

This Decision Statement is issued on June 17, 2015, at Ottawa, Ontario by:

<Original signed by>

_____

The Honourable Leona Aglukkaq
Minister of the Environment

APPENDIX 2. PROVINCIAL CONDITIONS FOR THE LNG CANADA EXPORT TERMINAL PROJECT

LNG CANADA EXPORT TERMINAL PROJECT

(PROJECT)

SCHEDULE B

TABLE OF CONDITIONS
FOR
AN ENVIRONMENTAL ASSESSMENT CERTIFICATE

DEFINITIONS

Aboriginal Groups	Haisla Nation, Gitga'at First Nation, Kitselas First Nation, Kistumkalum First Nation, Gitxaała Nation, Lax Kw'alaams Band, and Metlakatla First Nation.
Application	The Application for an Environmental Assessment Certificate submitted by LNG Canada Development Inc. on November 7, 2014.
Certified Dredge Area	As shown on Figure 2 of the Certified Project Description.
Certified Project Area	As shown on Figure 1 of the Certified Project Description.
Construction	The phase of the Project during which physical activities in connection with site preparation, building or installation of any component of the Project occurs. For purposes of these conditions, Construction does not include any investigative use or testing conducted prior to commencement of site clearing.
Commissioning	The period within the Construction phase of the Project when LNG processing units are brought into operation and tested for safe and reliable operation.
Mitigation Table	Table 1 in the memo titled *Summary of Mitigation Measures* submitted by LNG Canada Development Inc. on May 5, 2015.
Operations	The phase of the Project commencing on the date on which at least one train of the Project has completed commissioning and has commenced commercial production of liquefying natural gas.
Qualified Professional	An applied scientist or technologist specializing in an applied science or technology applicable to the duty or function, including, if applicable and without limiting this, archaeology, agrology, biology, chemistry, forestry, engineering, geology or hydrogeology, relevant to the field of practice set out in the condition; and who is registered with the appropriate professional organization, is acting under that organization's code of ethics and is subject to disciplinary action by that organization.

ACRONYMS

BC	British Columbia
CAS	Climate Action Secretariat (part of Ministry of Environment)
CCME	Canadian Council of Ministers of the Environment
CPD	Certified Project Description
CSCD	Ministry of Community, Sport and Cultural Development
DFO	Fisheries and Oceans Canada
DOK	District of Kitimat
EA	Environmental Assessment
EAC	Environmental Assessment Certificate
EAO	Environmental Assessment Office
EC	Environment Canada
EMP	Environmental Management Plan
FLNR	Ministry of Forests, Lands and Natural Resource Operations
MNGD	Ministry of Natural Gas Development
MOE	Ministry of Environment
MOH	Ministry of Health
MOTI	Ministry of Transportation and Infrastructure
OGC	Oil and Gas Commission
TC	Transport Canada

TABLE OF CONDITIONS

No.	Condition
1	**Air Quality** The Holder must develop, in consultation with MOE, MOH and OGC, and implement, an air quality management plan which specifies mitigation measures to reduce air emissions during Construction, and sets out the means by which the mitigation measures in the Mitigation Table under the heading "air quality" (section 5.2) related to Construction will be implemented. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO, MOE, MOH, OGC, and Aboriginal Groups no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the final plan to the satisfaction of EAO. Prior to commencing Operations, the Holder must develop an air quality management and monitoring plan, in consultation with MOE, MOH, and OGC, which must: • Set out the means by which the mitigation measures in the Mitigation Table under the heading "air quality" (section 5.2) related to Operations will be implemented; • Specify the measures to monitor air emissions impacts to air, soil, water, and/or vegetation; • Include the results of sufficient baseline data to support monitoring; • Establish the approach for the regular reporting of air emissions and the effects from air emissions, including reporting to appropriate government agencies, Aboriginal Groups and the public; and • Specify an adaptive management plan to address the effects related to air quality, including the effects of air quality on soil, water and vegetation, if those effects are not mitigated to the extent identified in the Application or if unexpected effects occur. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO, MOE, MOH, OGC, and Aboriginal Groups no less than 30 days prior to the Holder's planned date to commence Commissioning. The Holder must implement the final plan to the satisfaction of EAO. If the Province establishes a regional air quality and deposition monitoring program for the airshed in which the Project is located, the Holder must participate in the program to the satisfaction of MOE, OGC and EAO.
2	**Acoustics** The Holder must develop, in consultation with OGC and the DOK, a noise management plan for construction that sets out the means by which the mitigation measures related to Construction in the Mitigation Table under the heading "acoustic environment" (section 5.4) will be implemented. The Holder must demonstrate reasonable efforts to engage with

	Haisla Nation in developing and sharing information regarding implementation of the plan. The Holder must provide the final plan to EAO, OGC, DOK and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO. During Operations the Holder must be designed to comply with the OGC *Noise Control Best Practices Guidelines* (2009).
3	**Greenhouse Gases** The Holder must develop a greenhouse gas emissions management plan in consultation with MNGD and CAS that sets out the means by which the greenhouse gas management mitigation measures related to Operations in the Mitigation Table under the heading "GHG management" (section 5.3) will be implemented. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the final plan to EAO, MNGD, CAS and Aboriginal Groups no less than 30 days prior to the Holder's planned date to commence Commissioning. The Holder must implement the plan to the satisfaction of EAO.
4	**Fish and Fish Habitat** The Holder must develop, in consultation with DFO and OGC, a fish management and monitoring plan that must: • Describe measures to avoid or mitigate impacts to fish and fish habitat; • Identify reduced risk work windows, and the work that will occur within these windows; • Identify any work that will occur outside of the reduced risk work windows, and measures to mitigate impacts to fish and fish habitat; • Specify measures to salvage and relocate fish where instream works will isolate freshwater fish habitat; and • Describe how the Kitimat River eulachon population are considered in the development of mitigation measures, including any Fish Habitat Offsetting Plan submitted to DFO; and • Specify an adaptive management plan to address the effects on fish and fish habitat, if those effects are not mitigated to the extent identified in the Application, or if unexpected effects occur. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regardingimplementation of the plan. The Holder must provide the final plan to EAO, DFO, OGC and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO.

5	**Marine Mammals** The Holder must develop, in consultation with DFO and OGC, a marine mammal management and monitoring plan applicable during Construction that must: • Identify the geographic areas where, and periods of time when, Construction could cause injury to marine mammals; • Identify the geographic areas where, and periods of time when, Construction could cause behavioural change to marine mammals; • Identify the time periods when elevated marine mammal occupancy is anticipated within the areas of potential injury to marine mammals or areas of potential behavioural change; • Specify the role of a Qualified Professional in observing and reporting marine mammals in the areas of potential injury to marine mammals during Construction; • Specify the construction activities (e.g. blasting, pile driving) which must stop or not start if a marine mammal is sighted in the areas of potential injury to marine mammals, and not re-start until the marine mammal has moved out of the relevant area; and • Specify mitigation measures for construction noise that will prevent or reduce behavioural change or injury to marine mammals. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction in the marine environment. The Holder must not commence construction in the marine environment until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to DFO, OGC, and Aboriginal Groups. The Holder must implement the plan to the satisfaction of EAO. The Holder must develop, in consultation with DFO, TC, and the Pacific Pilotage Authority, a marine mammal management and monitoring plan for Operations that must: • Identify the geographic areas where, and periods of time when, Operations could cause behavioural change or injury to marine mammals; • Specify the speed profiles to prevent or reduce the risks of collisions between the Holder's LNG carriers and marine mammals and to prevent or reduce risk of marine mammal behavioural change caused by noise from the Holder's LNG carriers; • Specify the terms of a study during Operations to improve understanding of the behavioural disturbance or injury to marine mammals from shipping related to the Project; and • Specify an adaptive management plan to address the effects on marine mammals, if those effects are not mitigated to the extent identified in the Application or if unexpected effects occur. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Operations. The Holder must not commence Operations until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to DFO, TC and Aboriginal Groups. The Holder must implement the plan to the satisfaction of EAO.

	As requested by EAO, the Holder must participate in provincial or federal government initiative(s) that seek to manage or monitor the cumulative effects of shipping on marine mammals in areas overlapping the Certified Marine Route or Certified Pilot Boarding Area, as shown on Figure 3 of the Certified Project Description.
6	**Marine Water Quality and Contaminants** The Holder must develop a marine water quality management and monitoring plan for Construction for the Certified Dredge Area. The plan must be developed in consultation with MOE, MOH, DFO and OGC. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding the implementation of the plan. A Qualified Professional must develop the plan and supervise the implementation of the plan. The plan must include: • Mitigation measures to minimize sediment dispersion, including, but not limited to, isolation methods; • Measures to monitor onsite sediment and water quality, particularly in relation to the re-suspension and bioavailability of polycyclic aromatic hydrocarbons, polychlorinated dibenzo-p-dioxins and furans; • An approach to communicate any exceedances of CCME *Water Quality and Interim Sediment Quality Guidelines*, and BC *Water Quality Guidelines* and *Working Sediment Quality Guidelines* to the appropriate regulatory authorities, and to remedy or reduce risks of those exceedances to human health; • An assessment of the risk for, and potential duration of, any exceedances of CCME *Water Quality and Interim Sediment Quality Guidelines*, and BC *Water Quality Guidelines* and *Working Sediment Quality Guidelines for British Columbia* during dredging activity and following Construction, and identification of mitigation to address such exceedances; • An adaptive management plan to address the effects on water quality predicted, if those effects are not mitigated to the extent identified in the Application, or if unexpected effects occur; • The results of shellfish and groundfish tissue sampling to form a baseline, to the satisfaction of EAO, including the completion of an associated human health risk assessment; and • A post-dredging follow-up program to confirm the human health risk assessment predictions, including potential additional tissue sampling to confirm the assessment of predictions regarding the bioavailability and bioaccumulation of toxins in marine organisms consumed by humans. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction in the marine environment. The Holder must not commence Construction in the marine environment until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to MOE, MOH, DFO, OGC, and Haisla Nation. The Holder must implement the plan to the satisfaction of EAO. The Holder must, in consultation with MOE, DFO and OGC, develop a marine water quality monitoring plan for Operations to ensure that any effluent discharge from the

	facility marine outfall meets BC *Water Quality Guidelines* for the protection of marine life. The plan that must: • Establish the initial dilution zone from the discharge point of the outfall pipe; and • Specify a monitoring program to confirm adherence to the BC *Water Quality Guidelines* for the protection of marine life. The Holder must demonstrate reasonable efforts to engage Haisla Nation in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Operations. The Holder must not commence Operations until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to MOE, DFO, OGC, and Haisla Nation. The Holder must implement the plan to the satisfaction of EAO.
7	**Vegetation and Visual Quality** The Holder must conduct an assessment to determine feasibility of implementing wind firming techniques prior to site clearing. The assessment must be conducted by a Qualified Professional. Should the Qualified Professional determine that wind firming techniques are feasible, they must be implemented to the satisfaction of EAO. The Holder must maintain a mature vegetation buffer of at least 30 metres between the Kitimat River and the Certified Project Area shown on Figure 1 of the CPD, where such a buffer currently exists, unless both of the following apply: removal or alteration of the buffer is required for safety or regulatory reasons, and the removal or alteration is authorized by OGC.
8	**Vegetation – red and blue listed plants** The Holder must develop, in consultation with FLNR and OGC, a vegetation management and monitoring plan for Construction. The plan must be based on the results of the habitat assessment surveys for red- and blue-listed plants and communities within the Certified Project Area and must: • Specify the mitigation measures to avoid or minimize impacts to red- and blue-listed plants and communities; • Specify the pre-construction salvage and translocation program for red- and blue-listed plants; and • Include a contingency plan to mitigate effects to red- and blue-listed plants and communities if there are plants or communities discovered in addition to those identified in the habitat assessment surveys. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction. The Holder must not commence Construction until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to FLNR, OGC, and Haisla Nation. The Holder must implement the plan to the

	satisfaction of EAO.
9	**Invasive Plant Management** The Holder must develop, in consultation with FLNR and OGC, an invasive plant management plan that describes measures to prevent, monitor and control the establishment and spread of invasive plant species in the Certified Project Area during Construction and Operations. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding the implementation of the plan. The Holder must provide the plan to EAO, FLNR, OGC, and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO.
10	**Wetland Compensation** The Holder must develop, in consultation with EC and FLNR, a wetland compensation plan that is consistent with the *Federal Policy on Wetland Conservation* and compensates any permanent loss of wetland function for red-listed or blue-listed wetlands and estuarine wetland communities. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding implementation of the plan. The Holder must provide the final plan to EAO, EC, FLNR, and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO.
11	**Surface Water Management** The Holder must develop, in consultation with FLNR, DFO and OGC, a surface water quality management plan to mitigate potential adverse effects of Project activities on water quality and aquatic habitat during Construction. The plan must: • Describe how stormwater will be collected, treated, tested, and discharged, as well as any monitoring activities; and • Describe how surface water runoff around the facility will be managed to avoid potential contamination, as well as any monitoring activities. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding the implementing of the plan. The Holder must provide the plan to EAO, FLNR, DFO, OGC, and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO. The Holder must develop, in consultation with FLNR, DFO and OGC, a surface water quality management plan to mitigate potential adverse effects of Project activities on water quality and aquatic habitat during Operations. The plan must:

	• Describe how stormwater will be collected, treated, tested, and discharged, as well as any monitoring activities; and • Describe how surface water runoff around the facility will be managed to avoid potential contamination, as well as any monitoring activities. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding the implementing of the plan. The Holder must provide the plan to EAO, FLNR, DFO, OGC, and Haisla Nation no less than 30 days prior to the Holder's planned date to commence Operations. The Holder must implement the plan to the satisfaction of EAO.
12	**Wildlife – general** The Holder must develop a wildlife management plan for Construction in consultation with EC, FLNR and OGC that must: • Set out the means by which the wildlife mitigation measures related to Construction in the Mitigation Table under the heading "wildlife resources" (section 5.6) will be implemented; • Include results of completed marbled murrelet presence and habitat surveys, plans for additional presence surveys, and specify mitigation to avoid or reduce adverse effects of the Project on marbled murrelets and marbled murrelet habitat. Surveys must be completed prior to site clearing activity; • Include site assessment survey plans for bat species within the Certified Project Area and specify mitigation to avoid or reduce adverse effects of the Project on bat habitat, if the surveys indicate the presence of bat habitat. Surveys must be completed prior to site clearing activity; • Include a plan to manage human-wildlife conflict to avoid or reduce direct wildlife mortality; • Specify the mitigation that will be implemented for wildlife habitat features that are encountered within the Certified Project Area; • Specify the consideration of migratory bird timing windows when scheduling planned flaring events, where feasible from a technical and safety perspective, to minimise the risk of mortality and injury to birds during Construction and Commissioning; • Set out a monitoring and follow-up program with respect to impacts to wildlife within the Certified Project Area during Construction. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction. The Holder must not commence Construction until the plan is approved by EAO. Once approved, the Holder must also provide the plan to EC, FLNR, OGC, and Haisla Nation. The Holder must implement the plan to the satisfaction of EAO. Marbled murrelet and bat survey results must be provided to EC and FLNR prior to site clearing. The Holder must develop a wildlife management plan for Operations in consultation with

	EC, FLNR and OGC that must: • Set out the means by which the wildlife mitigation measures related to Operations in the Mitigation Table under the heading “wildlife resources” (section 5.6) will be implemented; • Identify mitigation measures, including migratory bird timing windows, to reduce the risk of mortality and injury to birds during planned flaring events during Operations, as feasible from a technical and safety perspective; • Include a plan to manage human-wildlife conflict to avoid or reduce direct wildlife mortality; • Identify mitigation measures to allow for wildlife passage through the estuary and continued tidal flows; and • Set out a monitoring and follow-up program with respect to impacts to wildlife the Certified Project Area during Operations. The Holder must demonstrate reasonable efforts to engage with Haisla Nation in developing and sharing information regarding the implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder’s planned date to commence Operations. The Holder must not commence Operations until the plan is approved by EAO. Once approved, the Holder must also provide the plan to EC, FLNR, OGC, and Haisla Nation. The Holder must implement the plan to the satisfaction of EAO.
13	**Local Economic Opportunities** The Holder must design and deliver programs to support local and Aboriginal employment and contracting opportunities, skills training and education. At the time of submitting compliance reports required by this EAC’s clause 1, the Holder must report to EAO on the implementation of these programs. The programs must be implemented during Construction and Operations.
14	**Community Services and Infrastructure** The Holder must develop a plan to adaptively manage potential socio-economic effects on services and infrastructure delivered by provincial agencies and local governments. The scope of the plan is for effects that are directly attributable to the Project, and related to the temporary Construction workforce. The plan must include the mitigation measures in the Mitigation Table under the headings “infrastructure and services” (section 7.2) and “community health and wellbeing” (section 7.5). The Holder must develop the plan in consultation with CSCD and based on CSCD guidance materials. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups, local governments, provincial government infrastructure and service providers in developing the plan. The plan must include specific actions to address the following: • Communication with potentially affected Aboriginal Groups, local governments, provincial government infrastructure and service providers regarding Project

	activities and actions related to the implementation of mitigation measures; • An approach for monitoring and reporting on the effectiveness of the mitigation measures set out in the plan; • An adaptive management approach, which includes the development of additional and/or alternative mitigation measures to address the Project's effects on community infrastructure and services, if those effects are not mitigated to the extent identified in the Application, or if unexpected effects occur; and • Engagement with potentially affected Aboriginal Groups, local governments and provincial government infrastructure and service providers on the adaptive management activities. The Holder must provide the plan to EAO and CSCD no less than 60 days prior to the Holder's planned date to commence Construction. The Holder must not commence Construction until the plan has been approved by EAO. Once approved, the Holder must also provide the final plan to CSCD, local governments, provincial government infrastructure and service providers, and Aboriginal Groups. The Holder is required to implement the plan, in consultation with CSCD, and to the satisfaction of EAO, until two years after the completion of Construction, or as otherwise directed by EAO. As requested by EAO, the Holder must participate in multi-stakeholder initiatives undertaken by the Province with regards to managing cumulative effects to community infrastructure and services. For the purposes of this condition, "Construction" does not include site clearing or preparation.
15	**Health and Medical Services** The Holder must develop a health and medical services plan, in consultation with Northern Health and in accordance with Northern Health's *Health and Medical Services Plan: Best Management Guide for Industrial Camps*. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan.The health and medical services plan must: • Describe the Project site and infrastructure that may impact health outcomes and the spread of disease; • Specify the health care services that will be provided for the workforce residing in the workforce accommodation centre; • Establish disease / infection prevention and outbreak protocols, including preparation, response and management protocols; • Outline programs for health promotion, disease prevention and on-site wellness; and • Establish a process for coordinating the management of urgent care and medical escalations with local service providers. The Holder must provide the final plan to EAO and Northern Health no less than 30 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO.

	For the purposes of this condition, “Construction” does not include site clearing or preparation.
16	**Transportation** The Holder must develop, in consultation with MOTI and the DOK, a traffic impact assessment and traffic management plan. The traffic impact assessment must be developed in accordance with MOTI’s *Planning and Designing Access to Developments* manual (2009). The traffic impact assessment must include: • A traffic safety analysis; and • An analysis of the Project’s effects on vehicular traffic and infrastructure and proposed mitigation measures, including at Haisla Nation bridge and in relation to increased airport and rail traffic. The traffic management plan must be developed in accordance with MOTI’s *Traffic Management Guidelines for Work on Roadways*. The traffic management plan must: • Identify measures to mitigate the impacts of Project-related transportation on the safety and efficiency of other users of the transportation network; and • Include measures for traffic control, public communications, incident management and response, and plan implementation. The Holder must provide the traffic impact assessment and traffic management plan to EAO, MOTI, and DOK prior to there being 500 persons housed in the workforce accommodation centre. The Holder must implement the plan to the satisfaction of EAO.
17	**Marine Transportation** The Holder must develop, in consultation with TC and DFO, a marine activities plan for Construction with the objective of mitigating and monitoring impacts to marine users. The plan must: • Set out the means by which the marine transportation measures related to Construction in the Mitigation Table under the heading “marine transportation & use” (section 7.4) will be implemented; • Identify Construction activities, including any fish habitat offset plans, that have the potential to interfere with marine navigation; • Identify existing and traditional navigational routes, fishing areas, habitat areas, harvesting areas, commercial shipping use, recreational and tourism use, Aboriginal Groups’ use, and any associated timing windows; • Specify actions to inform affected stakeholders and Aboriginal Groups of potential interference with marine navigation as a result of Construction activities; • Specify actions to coordinate activities with other marine users, particularly with other industrial activities related to dredging or disposal at sea; • Specify mitigation to reduce disruption of marine navigation as a result of Construction activities; and • Specify activities to monitor the effects of the Holder’s shipping activities on marine users during Construction.

	The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction in the marine environment. The Holder must not commence Construction in the marine environment until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to TC, DFO and Aboriginal Groups. The Holder must implement the plan to the satisfaction of EAO. The Holder must develop, in consultation with TC and DFO, a marine activities plan for Operations with the objective of mitigating and monitoring impacts to marine users. The plan must: • Set out the means by which the marine transportation measures related to Operations in the Mitigation Table under the heading "marine transportation & use" (section 7.4) will be implemented; • Identify Operations activities, including any fish habitat offset plans, that have the potential to interfere with marine navigation; • Identify existing and traditional navigational routes, fishing areas, habitat areas, harvesting areas, commercial shipping use, recreational and tourism use, Aboriginal Groups' use, and any associated timing windows; • A complaint resolution process for loss or damage to commercial traps, nets and other fishing equipment, and anchors and other vessel-related gear due to interactions with the Holder's LNG carriers; • Specify actions to inform affected stakeholders and Aboriginal Groups of potential interference with marine navigation as a result of Operations activities; • Specify activities to monitor the effects of the Holder's shipping activities to marine users during Operations; • Demonstrate the holder's participation in industry- or government-led efforts to monitor the cumulative effects of shipping activities during Operations; • Specify actions to inform the public, marine user groups, and Aboriginal Groups about the results of the Technical Review Process of Marine Terminal Systems and Transshipment Sites (TERMPOL) process respecting the Project; • Specify actions to coordinate activities with other marine users, particularly with other shippers; and • Specify mitigation to reduce disruption of marine navigation as a result of Operations activities. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Operations. The Holder must not commence Operations until the plan is approved by EAO. Once approved, the Holder must also provide the final plan to TC, DFO and Aboriginal Groups. The Holder must implement the plan to the satisfaction of EAO.
18	**Marine Transportation – wake** The Holder must develop, in consultation with TC, a wake verification plan for Operations.

	The plan must: • Identify focus areas, at shorelines and in the ocean, and periods for monitoring wake; • Describe the methodology for the selection of the focus areas and periods, including how marine users and Aboriginal Groups inform their identification and selection; • Specify a methodology for monitoring the wake of the Holder's LNG carriers, within the marine environment and at shorelines, to determine the accuracy of the results of the environmental assessment, particularly in relation to potential safety hazards to marine and shoreline users; • Include the results of baseline data to support monitoring; • Specify a process for reporting the results of the wake verification plan; • Include options for reporting, recording and responding to wake interactions between the Holder's LNG carriers and marine and shoreline users; and • Specify an adaptive management plan to address the effects of wake on marine and shoreline users if the results of the wake verification plan indicate greater wake effects than predicted in the environmental assessment, or if unexpected effects occur. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups in developing and sharing information regarding implementation of the plan. The Holder must demonstrate reasonable efforts to engage Aboriginal Groups and TC in the development of the approach to gathering baseline data, and its implementation. The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to commence Operations. The Holder must not commence Operations until the plan is approved by EAO. Once approved, the Holder must provide the plan to TC and Aboriginal Groups. The Holder must implement the plan to the satisfaction of EAO.
19	**Human Health – Workforce Accommodation Centre** Prior to developing a workforce air quality health plan the Holder must, in consultation with MOH, MOE and WorkSafe BC, complete a human health risk assessment regarding the potential effects of air quality on workers residing at the workforce accommodation centre, to the satisfaction of EAO. The assessment must consider all criteria air contaminants assessed in the Holder's Application for an EAC. The Holder must develop, in consultation with MOE, MOH, and OGC, a workforce air quality health plan that must: • Include the results of baseline data and the human health risk assessment to support monitoring; • Identify mitigation measures to reduce the risks posed by air emissions to the health of residents of the workforce accommodation centre to an acceptable level; • Include measures to monitor and report on the effectiveness of the mitigation set out in the plan; and • Provide an adaptive management plan, which includes the development of additional and/or alternative mitigation measures to address the effects of air quality on the health of residents of the workforce accommodation centre, as required.

	The Holder must provide the plan to EAO no less than 60 days prior to the Holder's planned date to establish the workforce accommodation centre. The Holder must not establish the workforce accommodation centre until the plan is approved by EAO. Once approved, the Holder must provide the final plan to MOE and MOH. The Holder must implement the plan to the satisfaction of EAO.
20	**Environmental Management Plans** The Holder must develop, to the satisfaction of EAO, a construction environmental management plan and an operations environmental management plan in accordance with section 12 of the Application. The Holder must demonstrate reasonable efforts to engage with Aboriginal Groups in developing and implementation of the plans. The Holder must provide the construction environmental management plan to EAO and Aboriginal Groups no less than 60 days prior to the Holder's planned date to commence Construction. The Holder must implement the plan to the satisfaction of EAO. The Holder must provide the operations environmental management plan to EAO and Aboriginal Groups no less than 60 days prior to the Holder's planned date to commence Operations. The Holder must implement the plan to the satisfaction of EAO.
21	**Environmental Monitor** Prior to commencing Construction, the Holder must retain the services of a Qualified Professional as an environmental monitor throughout the Construction phase of the Project with demonstrated experience and knowledge of environmental monitoring for construction projects in BC. The Holder must give the Environmental Monitor the authority to stop Project work that does not comply with: a. the terms and conditions of the EAC; b. the mitigation measures described in the plans required by the EAC; or c. any approvals, authorizations, or other regulatory requirements applicable to the Project or the Holder. The Environmental Monitor must be retained by the Holder throughout Construction. The Holder must notify EAO of any non-compliance with the EAC within 72 hours. The Holder must ensure that the Environmental Monitor prepares monthly reports on the Holder's compliance with (a), (b) and (c) above. These reports must be retained by the Holder through the Construction phase of the Project and for five years after commencing Operations. The reports must be provided to EAO and OGC upon request.
22	**Aboriginal and Public Consultation** The Holder must continue to implement the EAO-approved LNG Canada Aboriginal Consultation Plan (dated August 2013) and the EAO-approved LNG Canada Public Consultation Plan (dated August 2013) for all phases of the Project. The implementation of these plans must include information sharing and discussion of site-specific mitigation measures, including the development and implementation of social and environmental plans (including compensation plans) developed to meet regulatory requirements of the

	Project. The Holder must provide an Aboriginal consultation report and a public consultation report to EAO: • Two years after the commencement of Construction; and • One year after the commencement of Operations. The Holder must share the Aboriginal consultation report with Aboriginal Groups for review and comment prior to providing it to EAO.
23	**Cultural Awareness** The Holder must demonstrate reasonable efforts to engage with interested Aboriginal Groups to develop a cultural awareness program for employees prior to the commencement of Construction. At the time of submitting compliance reports required by the EAC's clause 1, the Holder must report to EAO on the program and its implementation. The Holder must implement the program to the satisfaction of EAO.
24	**Aboriginal Monitoring** The Holder must, through discussion with Aboriginal Groups, seek to provide opportunities for members of Aboriginal Groups to participate in monitoring activities identified in the plans in this Table of Conditions that are occurring within their asserted traditional territory. In the Aboriginal consultation reports required by Condition #21 to EAO, the Holder must include information regarding the opportunities provided and the participation of members of Aboriginal Groups in monitoring activities.

APPENDIX 3. LABORATORY DISSECTION AND ANALYSIS PROTOCOL

APPENDIX 3 - ANIMAL DISSECTION PROTOCOL

1.0 ANIMAL DISSECTION

1.1 OBJECTIVE

The objective when conducting animal dissections is to extract the recommended tissue quantity from the specimens to conduct a high-resolution chemical analysis, with a sample number of 15 for each tissue type and each study area. This section provides a step-by-step description for dissecting Dungeness crab (for leg meat and hepatopancreas) and English sole (for filet meat) with photographs of the various steps. The following dissection procedures are based on the experience acquired during the pre-dredge baseline sampling, dissection and analysis period in August and September 2018.

1.2 DISSECTION TOOLS

Proper dissection tools are essential for optimizing tissue yield and reducing contamination during the dissection process. The following dissection tools were used to dissect Dungeness crab and English sole as shown in Figure 1. Their use will be referenced in the following sections.

1. Heavy duty scissors
2. Scalpel
3. Precision scissors (with sharp tip)
4. Safety scissors (with round tip)
5. Spatula (with round and flat ends)
6. Cleaver
7. Round-headed tweezers (with grooved tip)
8. Plastic tweezers (with grooved tip)
9. Scrub brush
10. Dissection board
11. Filtered seawater or extra seawater from field

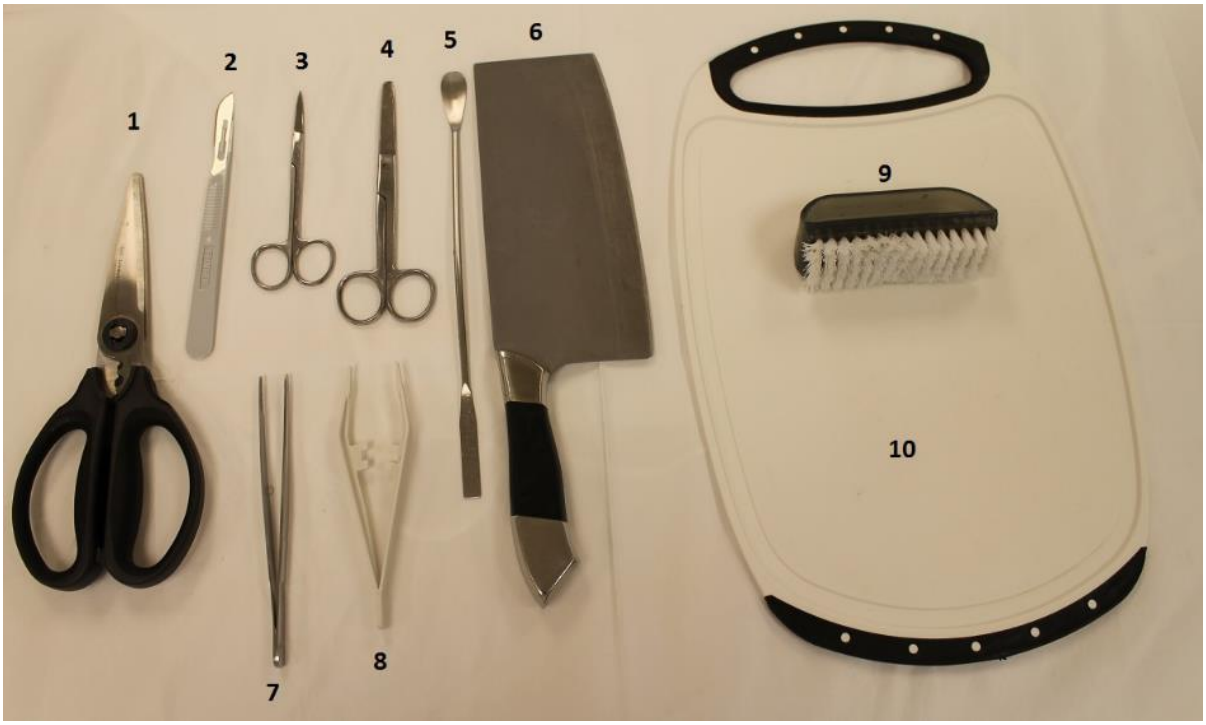

Figure 1 Dissection Tools

1.3 DISSECTION OF DUNGENESS CRABS

The dissection of Dungeness crab is labour intensive, and it requires approximately 30 to 45 minutes to extract the hepatopancreas and leg meat from a single crab. Among the 45 crabs collected from each study area, the hepatopancreas and leg meat will be dissected and retained from 15. For the remaining 30 crabs, only the hepatopancreas will be dissected and retained.

For the 15 crabs that undergo a complete dissection, it is highly recommended to store these crabs at 4°C for at least 24-36 hours before dissection. For example, Dungeness crabs collected in the field on Monday should be dissected on Wednesday. The storage time allows for the crabs to perish, and for the muscle fibres to detach from the inside of the carapace. Once the muscle fibres detach from the carapace, the leg meat can be removed from the shell as a single piece.

If dissection takes place within 36 hours from collection in the field, the muscle fibres may still be adhered to the inside of the carapace. A spatula will be required to scrape the inside of the carapace of every leg to detach the muscle fibres. This can increase the dissection time per crab to 60 minutes, and it reduces the total yield of leg meat by approximately 10% to 25% because it is difficult to access some of the leg meat with a spatula. The 36 hour storage period is not required for the 30 crabs that are dissected only for their hepatopancreas.

Dissection time and tissue recovery can be optimized by using tools that are well-suited for the task. The recommended dissection tools are: heavy-duty scissors, precision scissors, spatula, cleaver, round-head tweezers, plastic tweezers, scrub brush, and dissection board. Pre-weighed 200 mL glass jars with screw-top lids are recommended for placing tissues in prior to homogenization.

Each step of the dissection process is described in Table 1. Photos for key steps are provided after Table 1.

Table 1 Dungeness Crab Dissection Instructions

Step	Instructions
1	Remove a Dungeness crab from its zip-lock bags. If the crab has sediment adhered to its shell, clean the exterior using a scrub brush and rinse it off with seawater. Place the crab upside-down on the dissection board (Figure 2). Use a sharp tool to lift the abdominal plate and twist it off.
2	Using a cleaver, pierce the carapace down the center-line of the crab (Figure 3). The objective is to penetrate the carapace only. Do not cut through the crab beyond the carapace.
3	With each hand, hold onto the four legs on each half of the crab. Use a wringing motion to twist and detach the two halves of the crab legs from the main shell. The two halves of the crab will detach from the main shell, exposing hepatopancreas in the main shell along with other organs (Figure 4).
4	When dissecting out the hepatopancreas, it is critically important to extract as much tissue as possible from every crab. To extract the hepatopancreas, use a pair of round-headed tweezers to pull clusters of the organ out of the main shell. The hepatopancreas at the center of the main shell is integrated with other internal organs such as the gonads which are white in colour (Figure 5). It is possible to remove only the hepatopancreas, while leaving these other organs intact (Figure 6). Some hepatopancreas may also be adhered onto the detached legs (Figure 7). Place the hepatopancreas pieces in a pre-weighed glass jar.
5	The hepatopancreas organ also radiates towards the front and side portions of the main shell (Figure 8). A thin clear membrane must be peeled away to expose the hepatopancreas along the sides of the shell. Using round-headed tweezers, extract the hepatopancreas along the sides of the main shell and place it in the pre-weighed glass jar (Figure 9).
6	Once all the hepatopancreas has been extracted, weigh the jar (lid included) and record the weight of the hepatopancreas. Store the hepatopancreas at -20 °C. The colour of the hepatopancreas should also be recorded. Currently, the observed hepatopancreas colours include yellow, orange, green, grey, and black (Figure 10). Based on the appearance of the hepatopancreas, the order of these colours may also be a general indicator on the health of the organ (i.e., yellow and orange = healthy, well-defined organ structure; grey, green, or black = unhealthy, degraded or undefined organ structure). A minimum of 15 grams of hepatopancreas must be extracted from each crab to yield sufficient tissue for analysis. If a crab yields less than 15 grams of hepatopancreas, there may be insufficient tissue for analysis. In this case, another hepatopancreas sample that weighs 30 grams or more (i.e., double the minimum tissue weight) can be used for two types of analysis.
7	To extract the leg meat, first separate all 8 legs (Figure 11). Using heavy-duty scissors, cut the carapace of the legs and claws along its length (Figure 12). If the crab was collected from the field within 36 hours, a spatula will be needed to scrape the inside of the carapace to detach the muscle fibres. If the crab was collected from the field more than 36 hours ago, large segments of the leg meat can be pulled out using tweezers, without the need to scrape the carapace. Remove any bits of the carapace or crab cartilage from the meat. Place the leg meat in a pre-weighed jar. Repeat this process for all 8 legs or until 50 grams of leg meat is collected.
8	Record the mass of the leg meat and store the sample at -20 °C until the sample is ready for analysis. A minimum of 50 grams must be extracted from 15 individual crabs. The average crab yields approximately 150 to 200 grams of leg meat (or 25% of the total body weight).

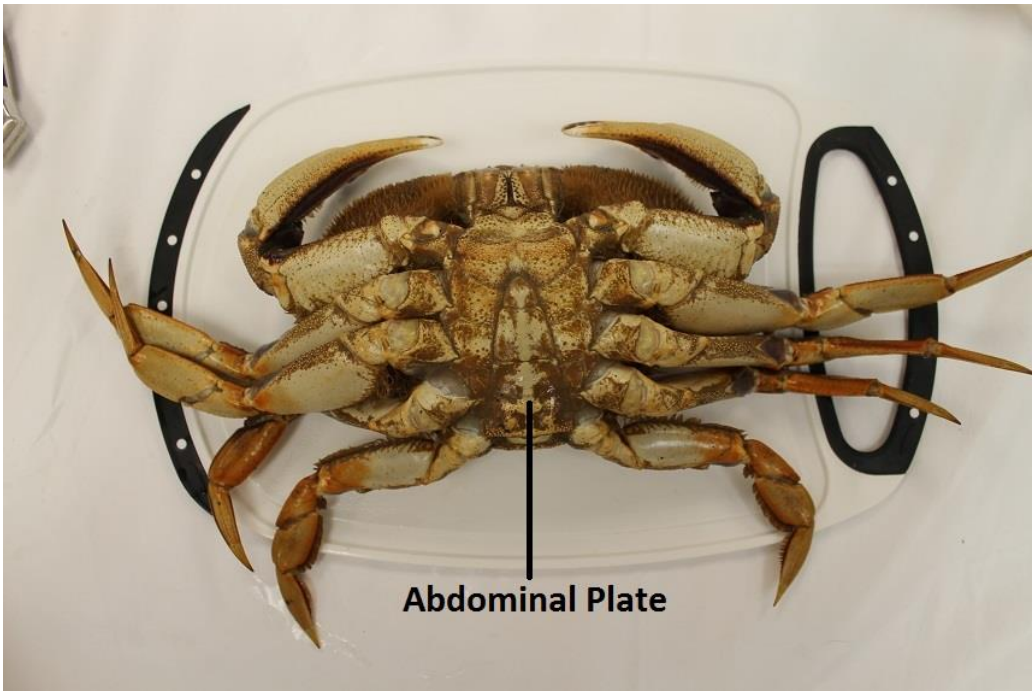

Figure 2 Dungeness Crab with Abdominal Plate

Figure 3 Abdominal Plate Removed with Cleaver in Cutting Position

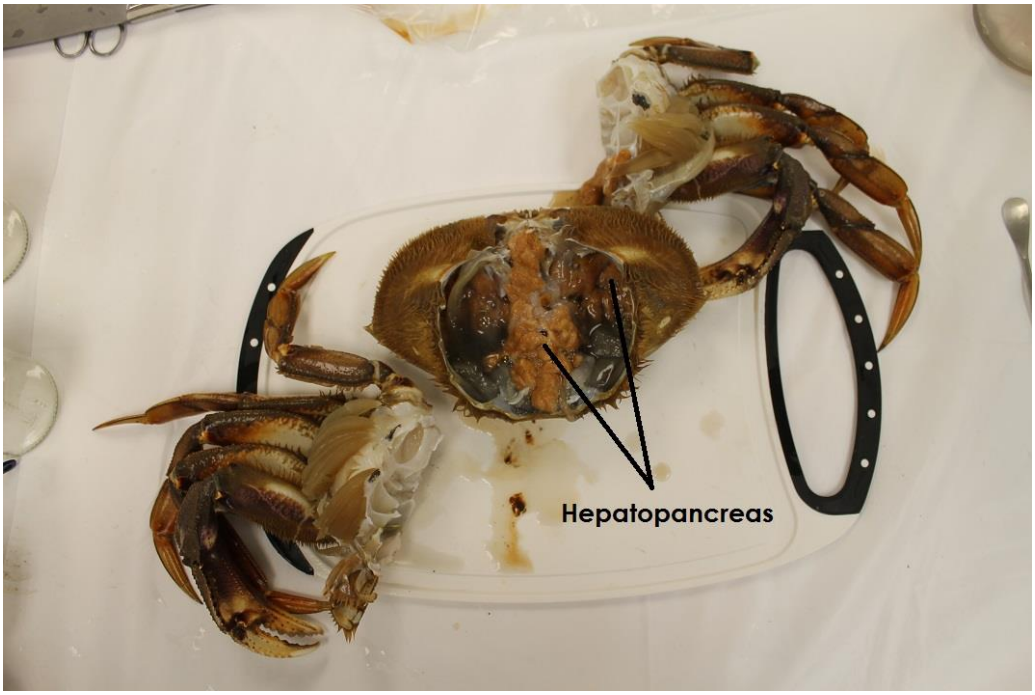

Figure 4 Legs Detached from Main Shell

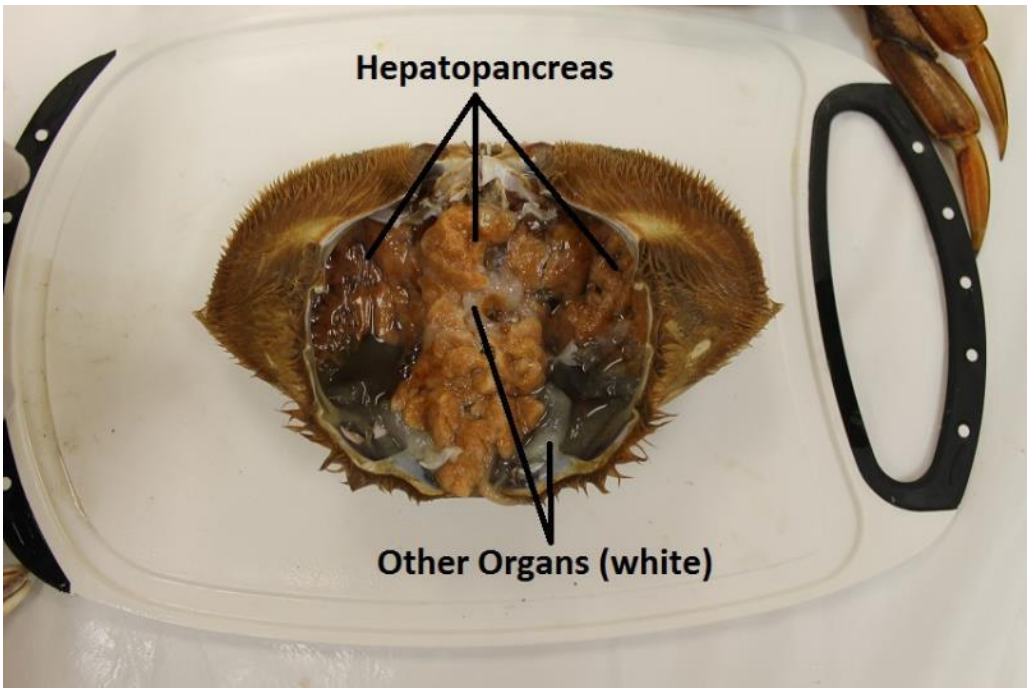

Figure 5 Main Shell with Hepatopancreas Exposed

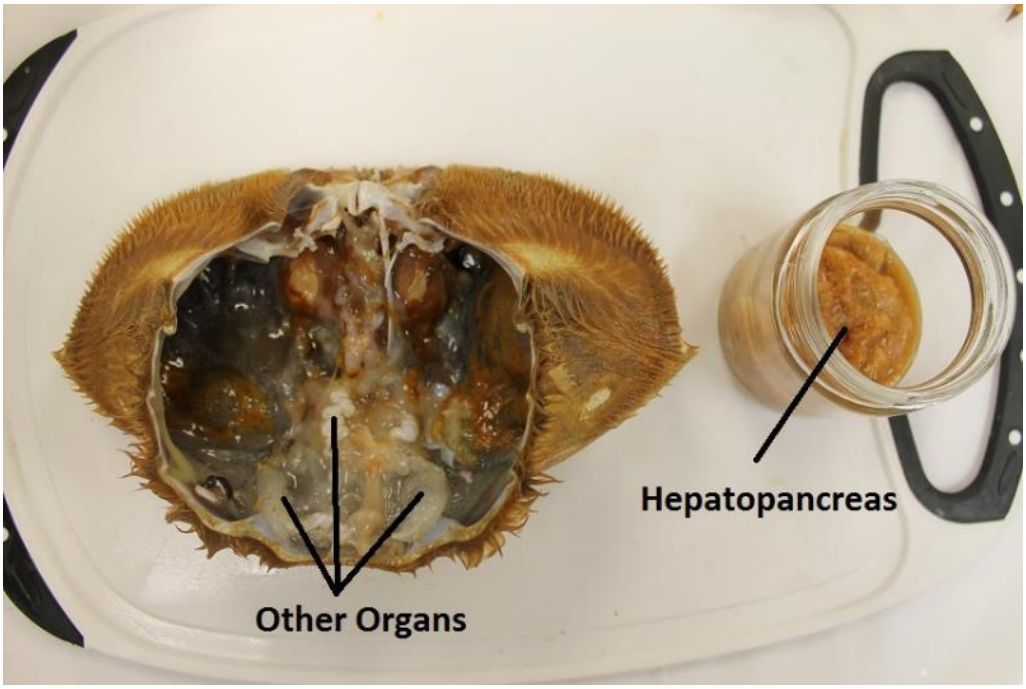

Figure 6 Hepatopancreas Extracted with Other Organs Intact

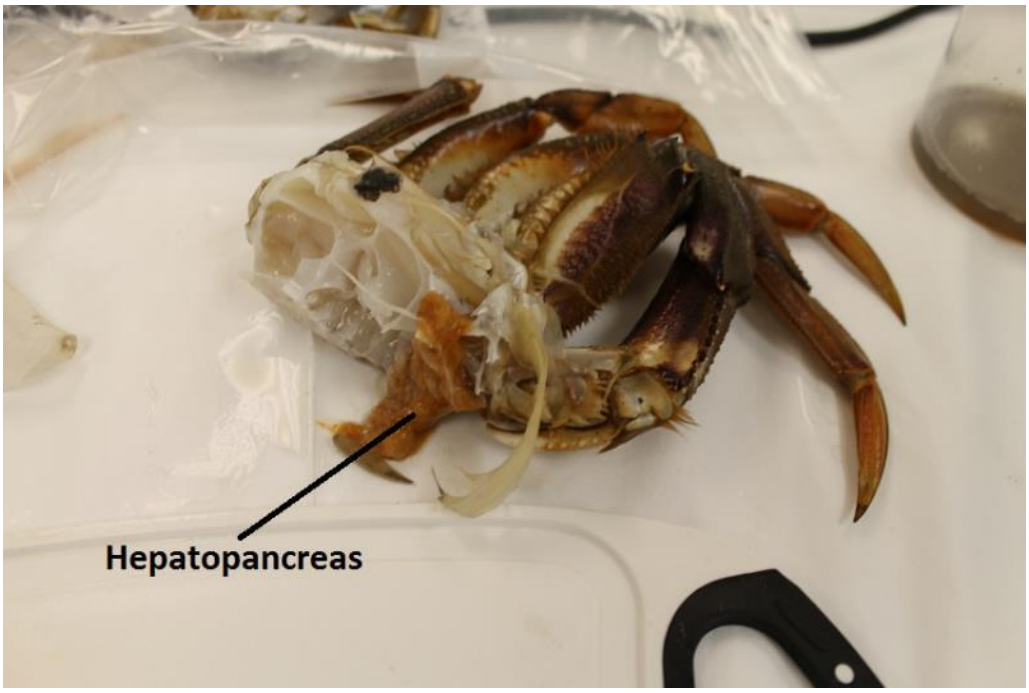

Figure 7 Hepatopancreas Tissue Adhered to Legs

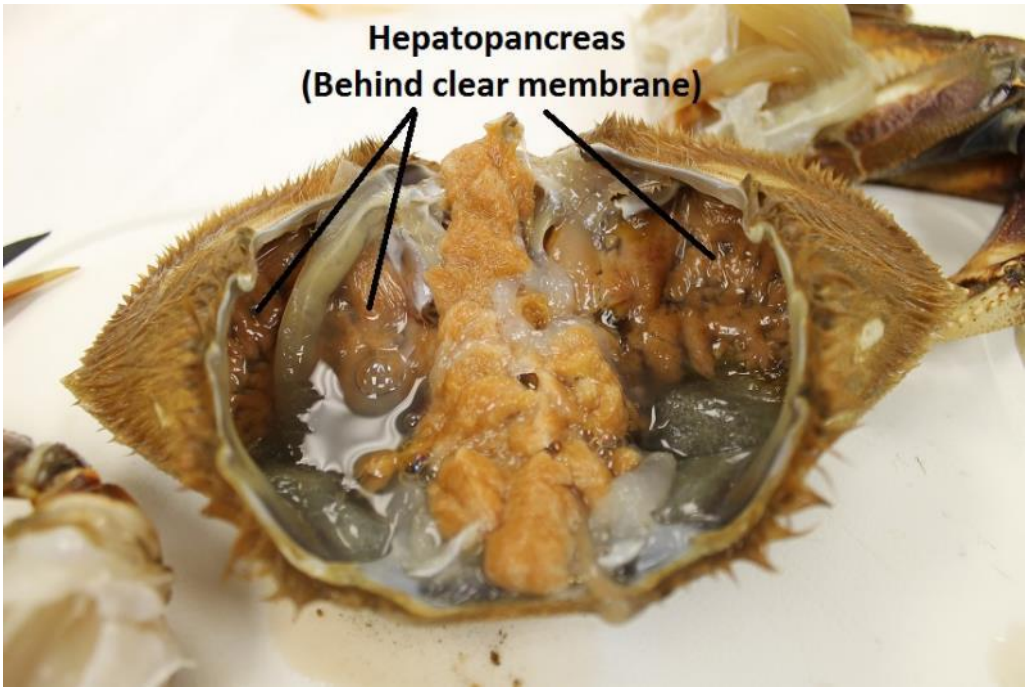

Figure 8 View of Hepatopancreas Inside Main Shell

Figure 9 Hepatopancreas Tissue in Glass Jar

Figure 10 Observed Hepatopancreas Colours

Figure 11 Crab Legs Individually Detached

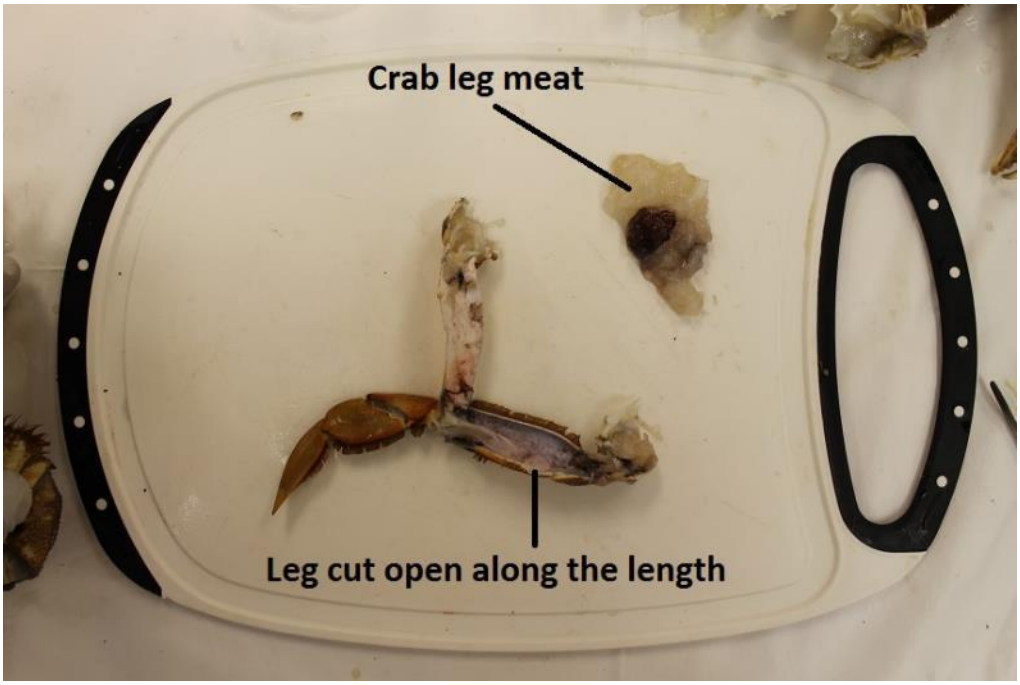

Figure 12 Crab Leg Cut Open Along Length with Meat Extracted

1.4 DISSECTION OF ENGLISH SOLE

The dissection of sole requires approximately 20 minutes to extract the meat (excluding skin and bones). Tissue recovery for a sole dissection can be optimized through dissection experience, and by using tools that are well-suited for the task. The recommended dissection tools are: heavy-duty scissors, scalpel, safety scissors, spatula, and a dissection board.

Each step of the dissection process is described in Table 2. Photos for key steps are provided after Table 2.

Table 2 Sole Dissection Instructions

Step	Instructions
1	Remove a sole from its Ziplock bag and place it on the dissection board. Use paper towels to wipe the mucous layer off both sides of the sole. Removing the mucous layer will make the dissection process easier. Lay the sole with the lighter side up (Figure 13).
2	Use a pair of heavy-duty scissors and cut through the head and along the roof of the body cavity. The dorsal and ventral spines must also be cut off (Figure 14). Discard the head and spines.
3	To extract the meat, take a scalpel and insert it into the tail from the ventral to dorsal side. The scalpel should be resting just beneath the skin, with the meat and spine under the scalpel (Figure 15).
4	Use the scalpel to cut through to the end of the tail, creating a flap of skin (Figure 16).
5	Using the flat end of the spatula, press down hard on the exposed portion of the spine to hold the sole in place. Use the other hand to grasp the flap of skin, and pull it towards the head, peeling the entire skin off the sole (Figure 17). If performed properly, the skin can be peeled off while leaving the meat attached to the body. If performed incorrectly, the skin, meat, and some bones may detach from the main body. Use the spatula to scrape of any meat adhered to the skin and place it in a pre-weighed glass jar.
11	Using the curved end of the spatula, gently press into the upper half of the meat starting from one end of the spine. Run the spatula along the length of the spine, and the meat will detach as a single filet without bones (Figure 18). Repeat this process with the lower half of the filet (Figure 19).
12	Flip the sole onto its other side. Start from Step #8 and repeat the process of removing the skin and fileting the meat on the other side. Once completed, the meat from the sole will be completely extracted, leaving only the 2 halves of the skin, and the skeleton (Figure 20). Weigh and record the weight of the meat and store it at -20 °C.

Figure 13 Sole on Dissection Tray with Organs Visible Under the Flesh

Figure 14 Sole with Head, Spines, and Body Cavity Removed

Figure 15 Inserting a Scalpel Beneath the Skin

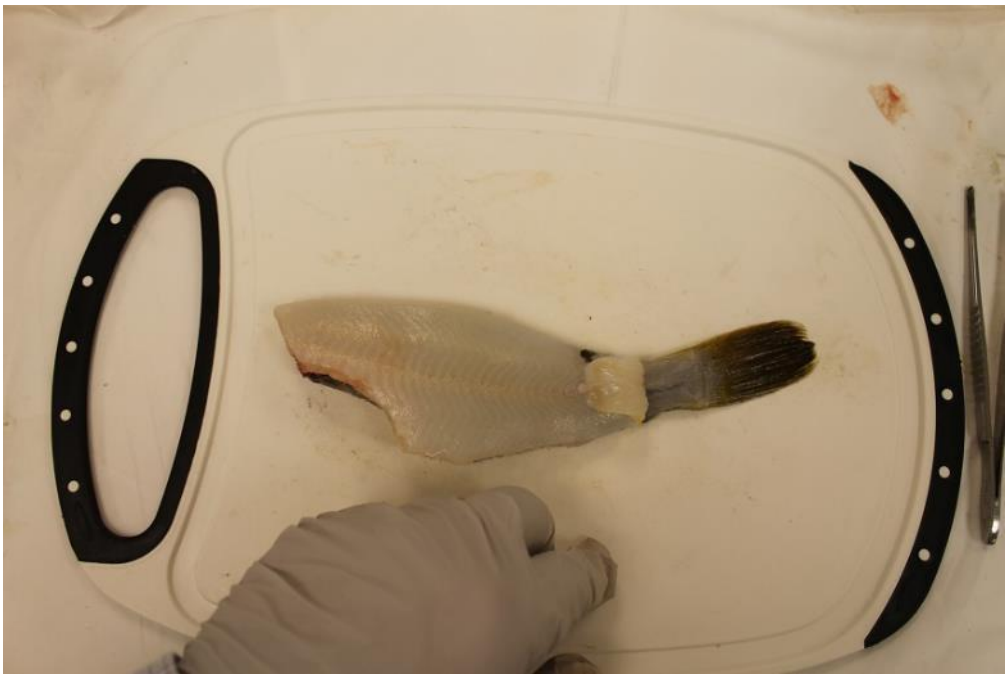

Figure 16 Cutting Through the Tail to Create a Flap of Skin

Figure 17 Pulling the Skin off the Sole and Scraping Meat from the Skin

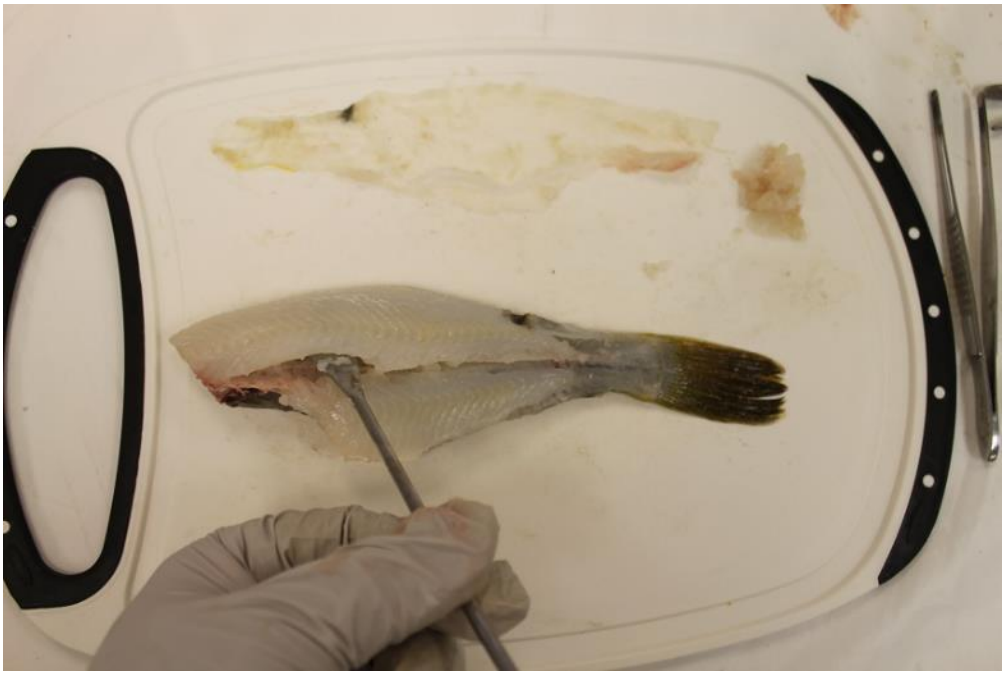

Figure 18 Running the Spatula Along Upper Spine to Detach Filet from Bones

Figure 19 Removal of Upper and Lower Halves of Filet from Body

Figure 20 Fully Dissected Sole with Skin and Bones Remaining

1.5 ASSIGNING TISSUE SAMPLES FOR LABORATORY ANALYSIS

Once all the animal dissections have been completed, create a table with an inventory showing the tissue weights for each container of crab hepatopancreas, crab meat, and sole meat.

If the permitted quota of crabs and sole were collected at each study area, there will be sufficient tissue to conduct all of the laboratory analyses. However, if the permitted quota is not met, or there is a low tissue yield for some specimens during the dissection process, there may be insufficient tissue to conduct the full range of laboratory analysis. In this situation, it may be necessary to adjust the tissue allocations in order to meet the sample number of 15 and meet the minimum tissue volume required for the analysis.

The following sections describe methods to resolve issues when there is insufficient tissue for analysis.

1.5.1 Crab Hepatopancreas

In each study area, the permitted quota for Dungeness crab is 45. The 45 hepatopancreas samples are divided into three groups of 15. Each group will be analyzed for one of the following sets of analysis:

- PAH, total metals, moisture content, lipid content (minimum of 15 grams required)
- PCB, moisture content, lipid content (minimum of 15 grams required)
- PCDD/F, moisture content, lipid content (minimum of 15 grams required)

In general, 10 grams of tissue is required for each organics analysis, while 5 grams are required for moisture and lipid content analysis. Total metals can be analyzed with a 0.2 gram sample. The minimum tissue volume per hepatopancreas is 15 grams. If possible, 30 grams or more of hepatopancreas should be extracted to provide archive material that can be stored at -20 °C in the event of laboratory re-works.

If fewer than 45 Dungeness crabs are collected from a study area, or if a crab yields less than 15 grams of hepatopancreas tissue, there would not be enough hepatopancreas tissue for the full range of analysis. However, if the weight of a hepatopancreas sample exceeds 30 grams, a single hepatopancreas can be used to analyze for two organic groups instead of one. For example, if there are only 40 Dungeness crabs collected from a study area, at least 5 of the hepatopancreas samples must weigh more than 30 grams to supplement the remaining analyses. An example of the assigned analyses for hepatopancreases larger than 30 grams is as follows:

- PAH, PCB, total metals, moisture content, lipid content (30 grams required)
- PCDD/F, moisture content, lipid content (15 grams required)

1.5.2 Dungeness Crab Meat

There are no anticipated issues for meeting the minimum tissue requirements of 50 grams for Dungeness crab meat. 100 grams of crab meat is the recommended amount to provide archive material that can be stored at -20 °C in the event of laboratory re-works. Among the 45 Dungeness crabs collected in each study area, 15 will undergo a full dissection that includes the leg meat. If any of these dissections yield less than 50 grams of leg meat, there would still be 30 crabs remaining to meet the tissue requirement. The 50 grams of crab meat will be submitted for PAH, PCB, PCDD/F, total metals, moisture content, and lipid content analysis.

1.5.3 English Sole Meat

In each study area, the permitted quota for sole is 45. However, sole in the Kitimat Arm are small, and ranged from 50 to 300 grams during the 2018 pre-dredge baseline collection. An adult English sole is documented in literature to reach up to 1.5 kg, but such large sole were not observed during the 2018 pre-dredge baseline collection.

Due to their small size, a single sole can not yield the recommended 100 grams of tissue, given that approximately 25-30% of the body weight is meat. Therefore, sole meat must be composited from multiple sole to achieve either the minimum tissue weight of 50 grams, or the recommended tissue weight of 100 grams. The meat from two English sole is typically sufficient to yield the minimum tissue weight of 50 grams.

1.6 SUMMARY

Table 3 summarizes the resulting tissue yields for each study area. For example, the collection of 45 Dungeness crabs is permitted in each study area. These 45 crabs must yield at least 45 individual hepatopancreas organs with a tissue weight ranging from 15 to 30 grams. The 45 hepatopancreas organs will be split into 3 groups of fifteen, and each group will be submitted for one organics analysis among PAH, PCB, or PCDD/F. Individual meat samples for crab and sole can be submitted for PAH, PCB, PCDD/F and metal analysis, because there is sufficient tissue available.

Any extra hepatopancreas or meat samples will be stored at -20 °C and remain viable for analysis for at least 1 year.

Table 3 Summary of Tissue Dissection Objectives

Animal	Permitted Quota	Tissue	Sample Number	Minimum Tissue Weight	Recommended Tissue Weight	Laboratory Analysis
Dungeness Crab	45	Hepatopancreas	15	15 grams	30 grams	PAH, metals, moisture, lipids
		Hepatopancreas	15	15 grams	30 grams	PCB, moisture, lipids
		Hepatopancreas	15	15 grams	30 grams	PCDD/F, moisture, lipids
		Meat	15	50 grams	100 grams	PAH, PCB, PCDD/F, metals, moisture, lipids
English Sole	45	Meat*	15	50 grams	100 grams	PAH, PCB, PCDD/F, metals, moisture, lipids
NOTE: * Denotes that the meat sample may be a composite from multiple animals						

APPENDIX 4. SAMPLE CALCULATIONS

Sample Calculation of the Estimated Daily Intake (EDI) for an Aboriginal Adult's Exposure to Copper and PAH in Kitimat Harbour

Receptor Characteristics	
Age range:	Aboriginal Adult (20 - 80 years old)
Body weight (BW):	76.5 kg-bw
Crab ingestion rate (IR_{CRAB}):	0.223 kg/day
Hepatopancreas ingestion rate (IR_{HEP}):	0.02 kg/day
Sole ingestion rate (IR_{SOLE}):	0.223 kg/day

Formula to calculate Estimated Daily Intake as shown in Section 5.2 of the HHRA.

$$EDI_{COPC} = \frac{IR_{FOOD} \times C_{FOOD} \times F}{BW}$$

EDI_{COPC} = Estimated daily intake of COPC from a specific food (mg/kg-bw-day)

IR_{FOOD} = Ingestion rate for a specific food (kg/day)

C_{FOOD} = 95% UCLM concentration of a COPC in a specific food (mg/kg)

F = Consumption frequency, assumed to be every day of the year or 1 (unitless)

BW = Body weight (kg-bw)

Marine Country Food	IR_{FOOD} (kg/day)[1]	F	C_{FOOD} (mg/kg)[2]		BW (kg)[1]	EDI_{COPC} (mg/kg-bw-day)[3]	
			Copper	PAH		Copper	PAH
Crab Meat	0.223	1	4.03	0.000094	76.5	1.17E-02	2.76E-07
Hepatopancreas	0.02	1	40.49	0.000801	76.5	1.06E-02	2.00E-07
Sole Meat	0.223	1	0.115	0.0	76.5	3.35E-04	1.28E-06

[1] Human receptor characteristics shown in Table 5-1 of the HHRA for Aboriginal adults.

[2] 95% UCLM Concentrations are the 2020 post-dredge concentrations in Kitimat Harbour as shown in Table 5-2 of the HHRA.

[3] EDI values are in Table 5-4 and Table 5-8 of the HHRA for Aboriginal adults consuming foods from Kitimat Harbour during the 2020 post-dredge period.

Sample calculation of the HQ for an Aboriginal adult's exposure to copper from consuming marine country foods during the 2020 post-dredge period in Kitimat Harbour

Formula to calculate Hazard Quotient as shown in Section 6.1 of the HHRA.

$$HQ_{COPC} = \frac{EDI_{COPC}}{TRV_{COPC}}$$

HQ_{COPC} = Hazard quotient for a specific COPC

EDI_{COPC} = Estimated daily intake of COPC from a specific food (mg/kg-bw-day)

TRV_{COPC} = Toxicological reference value for a specific COPC (mg/kg-bw-day)

Marine Country Food	EDI_{COPC} [1] (mg/kg-bw-day)	TRV_{COPC} [2]	HQ_{COPC} [3]
Crab Meat	1.17E-02	0.141	0.09
Hepatopancreas	1.06E-02	0.141	0.07
Sole Meat	3.35E-04	0.141	0.01

[1] EDI values for copper are in Table 5-8 of the HHRA.

[2] TRV values are in Table 4-3 of the HHRA.

[3] HQ values for copper are in Table 6-4 of the HHRA.

Sample calculation of the ILCR for an Aboriginal adult's exposure to PAH from consuming marine country foods during the 2020 post-dredge period in Kitimat Harbour

Formula to calculate Incremental Lifetime Cancer Risk as shown in Section 6.2 of the HHRA.

ILCR = (Estimated Lifetime Daily COPC Exposure) x (TRV)

ILCR = Incremental lifetime cancer risk (unitless)

Estimated Lifetime Daily COPC Exposure = EDI_{COPC} for PAH

TRV_{COPC} = Carcinogenic TRV for PAH = 2.3 $(mg/kg\text{-}day)^{-1}$

Marine Country Food	EDI_{COPC} [1] (mg/kg-bw-day)	TRV_{COPC} [2]	ILCR [3]
Crab Meat	2.76E-07	2.3	6.34E-07
Hepatopancreas	2.00E-07	2.3	4.61E-07
Sole Meat	1.28E-06	2.3	2.95E-06
Total ILCR			4.04E-06

[1] EDI values are in Table 5-4 of the HHRA.

[2] Carcinogenic TRV value for PAH is in Table 4-3 of the HHRA.

[3] ILCR values are in Table 6-6 of the HHRA.

APPENDIX 5. AUGUST 2018 PRE-DREDGE LABORATORY ANALYSIS SUMMARY

PAH Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	LNGC-C01 MEAT	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	LNGC-C07 MEAT	LNGC-C09 MEAT	LNGC-C11 MEAT	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	LNGC-C17 MEAT	LNGC-C18 MEAT	LNGC-C20 MEAT	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.22	<0.23	<0.43	<0.54	<0.29	<0.34	<0.36	0.62	<0.19	<0.19	<0.53	<0.28	<0.26	0.5	<0.29	
Benzo(a)anthracene	ng/g	0.1	<0.20	<0.44	<0.53	<0.54	<0.18	<0.29	<0.35	0.45	<0.15	<0.26	<0.59	<0.28	<0.20	0.2	<0.28	
Chrysene	ng/g	0.01	<0.19	<0.41	<0.42	<0.45	<0.20	<0.28	<0.33	<0.39	<0.14	<0.30	<0.57	<0.26	<0.20	0.47	<0.26	
Benzo(k)fluoranthene	ng/g	0.1	<0.22	<0.20	<0.47	<0.58	<0.23	<0.36	<0.33	<0.43	<0.20	<0.16	<0.35	<0.25	<0.23	<0.15	<0.26	
Benzo(a)pyrene	ng/g	1	<0.36	<0.27	<0.62	<0.65	<0.32	<0.32	<0.42	<0.46	<0.30	<0.22	<0.50	<0.32	<0.36	<0.26	<0.38	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.26	<0.49	<0.59	<0.46	<0.28	<0.57	<0.47	<0.71	<0.26	<0.25	<0.39	<0.19	<0.15	<0.73	<0.38	**ND (1.18)**
Dibenz(a,h)anthracene	ng/g	1	<0.27	<0.47	<0.57	<1.3	<0.38	<0.73	<0.50	<0.35	<0.32	<0.22	<0.51	<0.18	<0.12	<0.64	<0.32	
Benzo(g,h,i)perylene	ng/g	0.01	<0.19	<0.36	<0.49	<0.50	<0.29	<0.18	<0.40	0.46	<0.23	<0.20	0.42	<0.21	<0.11	<0.43	<0.42	
Moisture Content	%	-	81	79	80	81	81	83	79	80	80	79	81	81	81	80	79	
Lipid Content	%	-	0.2	0.4	0.3	0.4	0.5	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.3	0.3	0.2	
Total Toxic Equivalence	ng/g TEQ	-	0.72	0.88	1.40	2.17	0.80	1.21	1.08	1.04	0.70	0.53	1.21	0.60	0.57	1.07	0.83	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	KVS-C01 MEAT	KVS-C02 MEAT	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	KVS-C06 MEAT	KVS-C07 MEAT	KVS-C08 MEAT	KVS-C09 MEAT	KVS-C10 MEAT	KVS-C11 MEAT	KVS-C12 MEAT	KVS-C14 MEAT	KVS-C17 MEAT	KVS-C21 MEAT	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.50	6.13	<0.11	<0.11	<0.33	<0.068	<0.11	<0.13	<0.14	<0.10	<0.32	<0.15	<0.12	<0.14	<0.17	
Benzo(a)anthracene	ng/g	0.1	<0.18	2.1	<0.062	<0.071	<0.094	<0.11	<0.076	<0.10	<0.13	<0.081	<0.14	<0.11	<0.085	<0.15	<0.13	
Chrysene	ng/g	0.01	<0.20	2.89	<0.064	<0.075	<0.097	<0.12	<0.084	<0.10	<0.12	<0.079	<0.15	<0.11	<0.084	<0.15	<0.14	
Benzo(k)fluoranthene	ng/g	0.1	<0.35	2.19	<0.087	<0.095	<0.28	<0.060	<0.11	<0.12	<0.12	<0.096	<0.30	<0.11	<0.10	<0.12	<0.14	
Benzo(a)pyrene	ng/g	1	<0.60	4.16	<0.16	<0.15	<0.54	<0.090	<0.16	<0.21	<0.18	<0.16	<0.39	<0.21	<0.18	<0.22	<0.18	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.38	4.12	<0.064	<0.11	<0.24	<0.057	<0.092	<0.11	<0.085	<0.12	<0.23	<0.13	<0.10	<0.19	<0.092	**ND (2.78)**
Dibenz(a,h)anthracene	ng/g	1	<0.31	1.2	<0.13	<0.12	<0.21	<0.083	<0.10	<0.14	<0.11	<0.089	<0.31	<0.12	<0.097	<0.12	<0.076	
Benzo(g,h,i)perylene	ng/g	0.01	<0.27	6.17	<0.094	<0.12	<0.22	0.126	<0.11	<0.14	<0.13	<0.17	<0.25	<0.18	<0.14	<0.23	<0.14	
Moisture Content	%	-	88	80	79	79	87	85	83	82	78	80	79	79	78	80	84	
Lipid Content	%	-	0.3	0.2	0.4	0.4	0.4	0.5	0.5	0.2	0.5	0.4	0.4	0.6	0.4	0.6	0.2	
Total Toxic Equivalence	ng/g TEQ	-	1.06	6.90	0.32	0.31	0.85	0.20	0.30	0.40	0.34	0.29	0.80	0.38	0.32	0.40	0.31	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	KILD-C01 MEAT	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	KILD-C11 MEAT	KILD-C12 MEAT	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	KILD-C16 MEAT	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.11	<0.071	<0.083	<0.032	<0.060	<0.18	<0.026	<0.031	0.047	<0.048	<0.038	<0.11	<0.044	0.357	<0.046	
Benzo(a)anthracene	ng/g	0.1	<0.066	<0.048	<0.041	<0.025	<0.046	<0.11	<0.036	<0.022	<0.017	0.089	<0.035	<0.095	<0.044	0.239	<0.029	
Chrysene	ng/g	0.01	<0.059	<0.043	<0.042	<0.025	<0.046	<0.11	0.039	<0.022	<0.017	0.152	<0.031	<0.099	<0.042	0.277	0.063	
Benzo(k)fluoranthene	ng/g	0.1	<0.13	<0.090	<0.089	<0.043	<0.059	<0.19	<0.031	<0.037	<0.021	<0.059	<0.042	<0.12	<0.055	0.119	<0.055	
Benzo(a)pyrene	ng/g	1	<0.17	<0.085	<0.11	<0.048	<0.085	<0.21	<0.040	<0.046	<0.026	0.095	<0.052	<0.18	<0.067	0.169	<0.064	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.15	<0.069	<0.12	<0.027	<0.082	<0.18	<0.040	<0.031	<0.036	<0.068	<0.055	<0.19	<0.040	0.16	<0.053	**ND (0.27)**
Dibenz(a,h)anthracene	ng/g	1	<0.096	<0.12	<0.14	<0.034	<0.13	<0.28	<0.030	<0.034	<0.045	<0.071	<0.018	<0.11	<0.030	<0.049	<0.059	
Benzo(g,h,i)perylene	ng/g	0.01	<0.16	<0.085	<0.15	<0.027	<0.093	<0.16	<0.054	<0.036	<0.041	0.15	<0.056	<0.20	<0.056	0.241	0.065	
Moisture Content	%	-	82	82	88	82	80	87	80	81	83	81	75	91	81	83	83	
Lipid Content	%	-	0.3	0.3	0.4	0.4	0.5	0.2	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.4	
Total Toxic Equivalence	ng/g TEQ	-	0.31	0.23	0.29	0.10	0.24	0.56	0.08	0.09	0.08	0.20	0.09	0.34	0.12	0.31	0.14	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PAH Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	LNGC-C01 HEPATO	LNGC-C07 HEPATO	LNGC-C09 HEPATO	LNGC-C16 HEPATO	LNGC-C17 HEPATO	LNGC-C19 HEPATO	LNGC-C22 HEPATO	LNGC-C23 HEPATO	LNGC-C35 HEPATO	LNGC-C38 HEPATO	LNGC-C39 HEPATO	LNGC-C40 HEPATO	LNGC-C50 HEPATO	LNGC-C56 HEPATO	LNGC-C60 HEPATO	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	1.33	0.074	2.45	0.325	0.052	0.132	0.225	0.335	0.217	0.135	0.212	0.517	0.355	0.23	0.4	
Benzo(a)anthracene	ng/g	0.1	1.05	0.073	1.66	0.203	0.211	0.269	0.147	0.557	0.175	0.237	0.678	0.785	0.763	0.34	0.146	
Chrysene	ng/g	0.01	2.02	0.075	1.62	0.277	0.074	0.247	0.19	0.714	0.184	0.17	0.797	1.21	1.03	0.27	0.237	
Benzo(k)fluoranthene	ng/g	0.1	0.456	0.043	1.26	0.123	0.052	0.052	0.065	0.067	0.046	0.061	0.079	0.095	0.068	<0.085	<0.15	
Benzo(a)pyrene	ng/g	1	0.64	0.039	2.75	0.144	<0.053	0.059	0.089	0.154	0.065	<0.053	0.113	0.223	0.142	<0.15	<0.21	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	0.152	<0.016	1.21	0.071	<0.016	<0.014	0.025	<0.023	<0.019	<0.014	<0.028	<0.033	0.024	<0.084	<0.16	**0.89**
Dibenz(a,h)anthracene	ng/g	1	0.04	<0.019	0.292	<0.025	<0.019	<0.017	<0.020	<0.040	<0.023	<0.022	<0.036	<0.032	<0.020	<0.084	<0.13	
Benzo(g,h,i)perylene	ng/g	0.01	0.334	0.032	1.46	0.081	0.022	0.022	0.029	<0.030	0.026	0.043	<0.035	0.043	0.03	<0.098	0.13	
Moisture Content	%	-	80	85	74	80	64	81	82	86	86	83	85	93	86	85	84	
Lipid Content	%	-	4.5	1.4	4.1	3.8	19	5.6	5.3	7.8	5.5	11	5.2	3.3	3.2	3.2	5.7	
Total Toxic Equivalence	ng/g TEQ	-	1.00	0.08	3.73	0.24	0.11	0.13	0.16	0.30	0.14	0.12	0.26	0.41	0.29	0.31	0.43	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KVS-C02 HEPATO	KVS-C05 HEPATO	KVS-C06 HEPATO	KVS-C07 HEPATO	KVS-C09 HEPATO	KVS-C10 HEPATO	KVS-C13 HEPATO	KVS-C15 HEPATO	KVS-C16 HEPATO	KVS-C20 HEPATO	KVS-C22 HEPATO	KVS-C24 HEPATO	KVS-C26 HEPATO	KVS-C30 HEPATO	KVS-C33 HEPATO	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.112	0.075	0.138	0.085	<0.25	<0.22	<0.20	<0.16	<0.27	<0.18	<0.14	<0.14	<0.14	<0.12	0.164	
Benzo(a)anthracene	ng/g	0.1	0.082	0.049	0.494	0.049	<0.18	<0.25	0.167	<0.12	0.41	<0.16	<0.15	<0.11	<0.12	<0.074	0.183	
Chrysene	ng/g	0.01	0.09	0.076	0.233	0.079	<0.19	<0.25	0.19	<0.11	0.55	<0.16	<0.14	<0.11	<0.12	<0.092	0.19	
Benzo(k)fluoranthene	ng/g	0.1	<0.037	<0.036	<0.039	<0.048	<0.20	<0.21	<0.19	<0.16	<0.27	<0.15	<0.16	<0.12	<0.12	<0.12	0.059	
Benzo(a)pyrene	ng/g	1	<0.063	<0.064	<0.064	<0.10	<0.33	<0.29	<0.28	<0.23	<0.35	<0.23	<0.22	<0.17	<0.16	<0.18	<0.088	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.042	<0.043	<0.039	<0.047	<0.25	<0.30	<0.11	<0.19	<0.16	<0.18	<0.13	<0.081	<0.17	<0.11	<0.066	**ND (0.47)**
Dibenz(a,h)anthracene	ng/g	1	<0.046	<0.028	<0.066	<0.050	<0.23	<0.17	<0.14	<0.17	<0.18	<0.24	<0.14	<0.19	<0.20	<0.12	0.045	
Benzo(g,h,i)perylene	ng/g	0.01	<0.052	<0.052	<0.046	<0.054	<0.26	<0.28	<0.11	<0.17	<0.18	<0.20	<0.12	<0.088	<0.15	<0.12	<0.078	
Moisture Content	%	-	84	89	81	89	81	87	82	82	76	95	92	92	88	89	93	
Lipid Content	%	-	2.9	1.7	6.2	0.7	6.2	4.1	5.5	2.8	11	0.7	2.1	1.2	0.8	1.6	1	
Total Toxic Equivalence	ng/g TEQ	-	0.14	0.11	0.20	0.17	0.65	0.56	0.49	0.47	0.65	0.54	0.42	0.41	0.42	0.34	0.18	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KILD-C04 HEPATO	KILD-C11 HEPATO	KILD-C15 HEPATO	KILD-C16 HEPATO	KILD-C17 HEPATO	KILD-C20 HEPATO	KILD-C21 HEPATO	KILD-C28 HEPATO	KILD-C29 HEPATO	KILD-C33 HEPATO	KILD-C36 HEPATO	KILD-C40 HEPATO	KILD-C48 HEPATO	KILD-C49 HEPATO	KILD C50 HEPATO	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.097	<0.21	<0.12	<0.060	<0.12	<0.077	<0.16	<0.14	<0.14	<0.18	<0.18	<0.081	<0.12	<0.19	<0.15	
Benzo(a)anthracene	ng/g	0.1	<0.039	0.207	<0.049	<0.036	<0.053	<0.060	<0.037	0.178	<0.065	<0.057	<0.078	<0.037	<0.065	<0.080	<0.080	
Chrysene	ng/g	0.01	0.047	<0.10	<0.052	<0.038	<0.053	<0.061	<0.037	<0.052	<0.065	<0.058	<0.076	<0.039	<0.070	<0.086	<0.078	
Benzo(k)fluoranthene	ng/g	0.1	<0.11	<0.21	<0.15	<0.075	<0.14	<0.092	<0.21	<0.14	<0.16	<0.24	<0.22	<0.082	<0.14	<0.22	<0.18	
Benzo(a)pyrene	ng/g	1	<0.21	<0.42	<0.24	<0.11	<0.22	<0.098	<0.35	<0.25	<0.23	<0.32	<0.37	<0.11	<0.28	<0.33	<0.23	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.38	<0.37	<0.58	<0.12	<0.39	<0.14	<0.43	<0.57	<0.48	<0.42	<0.51	<0.098	<0.52	<0.79	<0.45	**ND (0.95)**
Dibenz(a,h)anthracene	ng/g	1	<0.46	<0.75	<0.52	<0.15	<0.46	<0.093	<0.37	<0.39	<0.80	<0.80	<0.64	<0.087	<0.44	<0.48	<0.50	
Benzo(g,h,i)perylene	ng/g	0.01	<0.34	<0.40	<0.47	<0.11	<0.31	<0.12	<0.41	<0.53	<0.42	<0.33	<0.40	<0.082	<0.41	<0.56	<0.36	
Moisture Content	%	-	85	75	94	89	78	84	91	87	79	85	88	97	82	86	89	
Lipid Content	%	-	1.4	8.7	1.8	1.9	4.8	2.9	1.4	1.8	5.1	3.6	2.1	1.5	6.1	1.9	2	
Total Toxic Equivalence	ng/g TEQ	-	0.74	1.27	0.86	0.29	0.75	0.23	0.81	0.75	1.12	1.21	1.11	0.23	0.81	0.94	0.82	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PAH Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	TEF	HARBOUR-SOLE-01	HARBOUR-SOLE-02	HARBOUR-SOLE-03	HARBOUR-SOLE-04	HARBOUR-SOLE-05	HARBOUR-SOLE-06	HARBOUR-SOLE-07	HARBOUR-SOLE-08	HARBOUR-SOLE-09	HARBOUR-SOLE-10	HARBOUR-SOLE-11	HARBOUR-SOLE-12	HARBOUR-SOLE-13	HARBOUR-SOLE-14	HARBOUR-SOLE-15	**95% UCLM**
Benzo(b/j)fluoranthene	ng/g	0.1	<0.30	<0.14	<0.074	0.2	0.34	<0.19	0.72	9.01	<0.26	0.82	0.31	0.456	0.63	2.82	3.1	
Benzo(a)anthracene	ng/g	0.1	<0.26	<0.11	<0.11	<0.21	<0.12	<0.27	0.36	4.1	<0.23	<0.37	<0.23	0.157	<0.22	0.9	1.63	
Chrysene	ng/g	0.01	<0.27	<0.12	<0.12	<0.24	<0.13	<0.29	0.55	6.13	<0.25	0.73	<0.24	0.295	0.31	1.39	1.72	
Benzo(k)fluoranthene	ng/g	0.1	<0.26	<0.13	<0.070	<0.14	<0.094	<0.17	<0.28	3.67	<0.25	0.3	<0.20	0.142	0.28	1.23	1.15	
Benzo(a)pyrene	ng/g	1	<0.36	<0.17	<0.093	<0.19	0.19	<0.23	0.43	5.02	<0.32	0.34	0.23	0.228	0.28	1.5	2.19	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.49	<0.099	<0.044	0.16	0.178	<0.090	0.74	5.23	0.11	0.43	0.13	0.252	0.49	1.99	2.01	**4.00**
Dibenz(a,h)anthracene	ng/g	1	<0.24	<0.12	<0.073	<0.15	<0.16	<0.13	<0.25	1.48	<0.20	<0.30	<0.17	<0.10	<0.21	0.63	0.64	
Benzo(g,h,i)perylene	ng/g	0.01	<0.57	<0.11	0.061	<0.19	0.264	0.21	0.79	6.39	0.17	0.71	0.24	0.44	0.7	2.47	2.19	
Moisture Content	%	-	83	83	81	82	82	82	83	83	81	83	82	82	82	82	82	
Lipid Content	%	-	0.9	0.8	1.4	1.1	1.2	1	1.2	0.7	1.3	0.7	1.2	1.3	1.4	0.9	0.7	
Total Toxic Equivalence	ng/g TEQ	-	0.74	0.34	0.20	0.42	0.43	0.44	0.90	8.83	0.61	0.85	0.49	0.44	0.66	2.86	3.66	

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	TEF	KV-SOLE-01	KV-SOLE-02	KV-SOLE-03	KV-SOLE-04	KV-SOLE-05	KV-SOLE-06	KV-SOLE-07	KV-SOLE-08	KV-SOLE-09	KV-SOLE-10	KV-SOLE-11	KV-SOLE-12	KV-SOLE-13	KV-SOLE-14	KV-SOLE-15	**95% UCLM**
Benzo(b/j)fluoranthene	ng/g	0.1	<0.33	<0.15	<0.13	<0.29	<0.24	<0.15	<0.18	<0.12	<0.22	<0.30	<0.18	<0.14	<0.068	<0.13	<0.27	
Benzo(a)anthracene	ng/g	0.1	<0.42	<0.11	<0.25	<0.58	<0.30	<0.12	<0.15	<0.12	<0.22	<0.27	<0.17	<0.15	<0.072	<0.15	<0.33	
Chrysene	ng/g	0.01	<0.48	<0.12	<0.28	<0.65	<0.32	<0.13	<0.17	<0.13	<0.25	<0.28	<0.20	<0.14	<0.079	<0.16	<0.33	
Benzo(k)fluoranthene	ng/g	0.1	<0.27	<0.14	<0.12	<0.23	<0.24	<0.14	<0.15	<0.12	<0.19	<0.28	<0.17	<0.11	<0.066	<0.11	<0.25	
Benzo(a)pyrene	ng/g	1	<0.37	<0.20	<0.18	<0.34	<0.34	<0.24	<0.21	<0.15	<0.25	<0.35	<0.23	<0.15	<0.090	<0.15	<0.32	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.19	<0.080	<0.076	<0.21	<0.24	<0.11	<0.097	<0.11	<0.15	<0.23	<0.19	<0.11	<0.062	<0.10	<0.21	**ND (0.55)**
Dibenz(a,h)anthracene	ng/g	1	<0.23	<0.13	<0.11	<0.15	<0.27	<0.13	<0.16	<0.11	<0.13	<0.21	<0.20	<0.12	<0.072	<0.11	<0.24	
Benzo(g,h,i)perylene	ng/g	0.01	<0.23	<0.11	<0.10	<0.27	<0.34	<0.13	<0.13	<0.14	<0.20	<0.25	<0.24	<0.14	0.14	<0.13	<0.25	
Moisture Content	%	-	84	89	88	85	84	82	81	83	84	82	84	85	82	86	91	
Lipid Content	%	-	0.9	1.0	0.6	1.0	0.9	0.9	1.4	0.5	0.6	0.5	0.7	0.3	0.2	0.6	0.8	
Total Toxic Equivalence	ng/g TEQ	-	0.73	0.38	0.35	0.63	0.72	0.42	0.43	0.31	0.46	0.67	0.51	0.32	0.19	0.31	0.67	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	KARM-SOLE-01	KARM-SOLE-02	KARM-SOLE-03	KARM-SOLE-04	KARM-SOLE-05	KARM-SOLE-06	KARM-SOLE-07	KARM-SOLE-08	KARM-SOLE-09	KARM-SOLE-10	KARM-SOLE-11	KARM-SOLE-12	KARM-SOLE-13	KARM-SOLE-14	KARM-SOLE-15	**95% UCLM**
Benzo(b/j)fluoranthene	ng/g	0.1	<0.29	<0.14	<0.15	<0.37	0.99	<0.51	<0.21	<0.33	<0.29	0.72	0.93	0.72	0.57	1.6	1.22	
Benzo(a)anthracene	ng/g	0.1	0.218	<0.11	<0.16	<0.28	0.44	<0.30	<0.17	<0.27	<0.26	<0.20	0.23	<0.23	<0.22	0.56	0.27	
Chrysene	ng/g	0.01	0.15	<0.11	<0.17	<0.27	0.55	<0.30	<0.18	<0.27	0.34	0.32	0.32	<0.24	<0.22	0.78	0.54	
Benzo(k)fluoranthene	ng/g	0.1	<0.25	<0.14	<0.13	<0.30	0.32	<0.38	<0.18	<0.33	<0.38	0.18	<0.19	<0.14	<0.24	0.58	0.27	
Benzo(a)pyrene	ng/g	1	<0.31	<0.16	<0.17	<0.46	0.58	<0.60	<0.26	<0.34	<0.40	0.33	0.45	0.33	<0.31	0.84	0.72	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.36	<0.098	<0.095	<0.52	0.56	<0.89	<0.32	<0.30	<0.40	0.44	0.63	0.42	0.33	1.03	0.84	**1.14**
Dibenz(a,h)anthracene	ng/g	1	<0.28	<0.11	<0.14	<0.71	<0.19	<0.66	<0.24	<0.64	<0.83	<0.18	<0.25	<0.23	<0.14	<0.48	0.34	
Benzo(g,h,i)perylene	ng/g	0.01	<0.34	0.27	0.15	<0.51	0.93	<0.88	<0.28	<0.31	<0.33	0.59	0.71	0.7	0.51	1.61	1.28	
Moisture Content	%	-	80	82	84	81	82	82	84	82	83	83	81	82	86	83	82	
Lipid Content	%	-	1.0	0.4	0.5	0.6	0.4	0.6	0.7	0.4	0.7	0.5	0.8	0.6	0.6	0.4	0.5	
Total Toxic Equivalence	ng/g TEQ	-	0.71	0.32	0.37	1.32	1.02	1.48	0.59	1.11	1.37	0.67	0.91	0.72	0.59	1.72	1.34	

PCB Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	LNGC-C01 MEAT	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	LNGC-C07 MEAT	LNGC-C09 MEAT	LNGC-C11 MEAT	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	LNGC-C17 MEAT	LNGC-C18 MEAT	LNGC-C20 MEAT	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0214	0.00437	0.00477	0.0136	0.00496	0.0072	0.0118	0.0067	<0.010	0.0125	0.0199	<0.0071	<0.0046	<0.0073	<0.0043	
344'5-TetraCB-(81)	ng/g	0.0003	<0.00084	<0.00037	<0.00062	<0.00062	<0.00088	<0.0025	<0.0030	<0.0044	<0.0052	<0.0051	<0.0049	<0.0033	<0.0045	<0.0072	<0.0042	
233'44'-PentaCB-(105)	ng/g	0.00003	0.235	0.0518	0.0776	0.308	0.0812	0.103	0.171	0.106	0.269	0.151	0.375	0.124	0.0168	0.0381	<0.011	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0148	0.00368	<0.0045	0.0174	0.00514	0.0065	0.0086	<0.0035	0.0151	0.0096	0.0219	<0.0073	<0.0034	<0.0057	<0.0041	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.705	0.143	0.241	0.97	0.242	0.305	0.538	0.296	0.855	0.431	1.1	0.366	<0.042	0.114	0.0355	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0098	0.00215	0.00288	0.0107	0.00219	0.0034	0.0059	<0.0037	0.0083	0.0054	0.0111	0.0043	<0.0037	<0.0061	<0.0044	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0011	<0.00037	<0.00077	<0.0013	<0.00079	<0.0014	<0.0025	<0.0033	<0.0039	<0.0037	<0.0035	<0.0037	<0.0033	<0.0055	<0.0040	
HexaCB-(156)+(157)	ng/g	0.00003	0.0478	0.0129	0.0221	0.0959	0.0262	0.0313	0.0407	0.0247	0.0842	0.0356	0.109	0.0308	<0.0064	<0.0072	<0.0068	**0.00050**
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0132	0.00424	0.00724	0.0343	0.0092	0.0094	0.0142	0.0088	<0.029	0.0138	0.0407	0.0099	<0.0062	<0.0069	<0.0065	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0011	<0.00059	<0.00096	<0.0010	<0.0011	<0.0020	<0.0047	<0.0039	<0.0069	<0.0049	<0.0072	<0.0045	<0.0064	<0.0072	<0.0068	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0015	<0.00059	<0.0011	0.0038	<0.0011	<0.0030	<0.0034	<0.0031	<0.0093	<0.0063	<0.0074	<0.0043	<0.0067	<0.0063	<0.0090	
Moisture Content	%	-	81	79	80	81	81	83	79	80	80	79	81	81	81	80	79	
Lipid Content	%	-	0.2	0.4	0.3	0.4	0.5	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.3	0.3	0.2	
Total Toxic Equivalence	ng/g TEQ	-	0.000176	0.0000618	0.000117	0.000205	0.000124	0.000215	0.000416	0.000462	0.000638	0.000539	0.000619	0.000523	0.000526	0.000774	0.000608	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	KVS-C01 MEAT	KVS-C02 MEAT	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	KVS-C06 MEAT	KVS-C07 MEAT	KVS-C08 MEAT	KVS-C09 MEAT	KVS-C10 MEAT	KVS-C11 MEAT	KVS-C12 MEAT	KVS-C14 MEAT	KVS-C17 MEAT	KVS-C21 MEAT	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	<0.0021	0.0067	0.0058	0.0106	0.003	<0.0015	0.0128	0.0062	0.0114	<0.0033	<0.0031	<0.0068	0.0037	0.0036	<0.0087	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0020	<0.0015	<0.0016	<0.0019	<0.0018	<0.0015	<0.0017	<0.0022	<0.0017	<0.0033	<0.0018	<0.0023	<0.0015	<0.0021	<0.0086	
233'44'-PentaCB-(105)	ng/g	0.00003	<0.0066	0.0782	0.0704	0.163	0.0343	0.0166	0.251	0.166	0.101	0.0419	0.0673	0.221	0.0527	0.0521	0.0788	
2344'5-PentaCB-(114)	ng/g	0.00003	<0.0026	0.0047	<0.0039	0.0112	0.0028	<0.0012	0.0154	0.0092	<0.0055	<0.0032	<0.0035	0.0126	0.0031	0.0038	0.0055	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.0224	0.231	0.2	0.479	0.11	0.0467	0.744	0.553	0.256	0.119	0.202	0.719	0.156	0.147	0.212	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.0029	<0.0026	<0.0017	<0.0044	<0.0026	<0.0013	<0.0062	0.0063	0.0041	<0.0036	0.0028	0.0068	0.0026	<0.0024	<0.0036	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0025	<0.0022	<0.0015	<0.0023	<0.0020	<0.0012	<0.0018	<0.0012	<0.0016	<0.0031	<0.0024	<0.0015	<0.0012	<0.0021	<0.0031	
HexaCB-(156)+(157)	ng/g	0.00003	<0.0048	<0.020	<0.017	0.05	<0.010	0.00469	0.082	0.067	0.0262	0.0124	<0.017	0.0951	0.0147	0.0176	0.0226	**0.00032**
23'44'55'-HexaCB-(167)	ng/g	0.00003	<0.0045	0.0099	<0.0071	0.022	<0.0032	0.0016	0.0285	0.0263	0.0088	<0.0044	0.0058	0.0358	<0.0048	<0.0067	0.0083	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0047	<0.0015	<0.0016	<0.0032	<0.0013	<0.00078	<0.0023	<0.0025	<0.0021	<0.0014	<0.0031	<0.0019	<0.0015	<0.0024	<0.0041	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0056	<0.0020	<0.0027	<0.0022	<0.0029	<0.0027	<0.0060	<0.0025	<0.0036	<0.0028	<0.0029	0.0041	<0.0018	<0.0029	<0.0071	
Moisture Content	%	-	88	80	79	79	87	85	83	82	78	80	79	79	78	80	84	
Lipid Content	%	-	0.3	0.2	0.4	0.4	0.4	0.5	0.5	0.2	0.5	0.4	0.4	0.6	0.4	0.6	0.2	
Total Toxic Equivalence	ng/g TEQ	-	0.000393	0.000277	0.000208	0.00035	0.000245	0.000146	0.000285	0.000221	0.000237	0.000359	0.000343	0.000241	0.000173	0.00029	0.000447	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	KILD-C01 MEAT	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	KILD-C11 MEAT	KILD-C12 MEAT	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	KILD-C16 MEAT	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.00051	<0.00032	0.00058	0.00184	0.00072	<0.00058	0.00147	0.00094	<0.0072	<0.0012	<0.0011	<0.0052	<0.0028	<0.0042	<0.0042	
344'5-TetraCB-(81)	ng/g	0.0003	<0.00031	<0.00031	<0.00038	<0.00079	<0.00036	<0.00057	<0.00018	<0.00077	<0.0071	<0.0012	<0.00081	<0.0052	<0.0027	<0.0041	<0.0042	
233'44'-PentaCB-(105)	ng/g	0.00003	0.0115	0.00297	0.00333	0.0483	0.00903	0.00354	0.0305	0.0142	0.0572	0.00779	0.0217	0.0456	0.0161	0.0531	<0.033	
2344'5-PentaCB-(114)	ng/g	0.00003	0.00081	<0.00021	<0.00051	0.00309	<0.00070	<0.00044	0.00186	<0.00081	<0.0048	<0.00088	0.00168	<0.0050	<0.0044	<0.0041	<0.0035	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.0297	0.0086	0.0124	0.161	0.0232	0.011	0.0897	0.0443	0.172	0.0211	0.0729	0.137	0.0486	0.161	0.115	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.00049	<0.00023	<0.00057	0.0013	<0.00047	<0.00049	0.00125	<0.00073	<0.0054	<0.00097	0.00145	<0.0056	<0.0050	<0.0046	<0.0039	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.00025	<0.00020	<0.00048	<0.00050	<0.00039	<0.00041	<0.00045	<0.00061	<0.0047	<0.00087	<0.00054	<0.0049	<0.0044	<0.0040	<0.0034	
HexaCB-(156)+(157)	ng/g	0.00003	0.00278	0.00062	<0.0011	0.018	<0.0017	0.00112	0.00799	0.0038	<0.019	<0.0028	0.0085	0.0159	<0.0062	<0.017	0.013	**0.00056**
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.00127	<0.00028	<0.00030	0.00846	<0.00078	<0.00054	0.00417	0.002	0.0092	<0.0015	0.0044	<0.0071	<0.0059	0.0099	<0.0078	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.00043	<0.00030	<0.00032	<0.00072	<0.00032	<0.00058	<0.00055	<0.0011	<0.0078	<0.0017	<0.0011	<0.0041	<0.0063	<0.0053	<0.0083	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.00033	<0.00047	<0.00079	<0.0011	<0.00071	<0.00052	<0.00049	<0.00077	<0.012	<0.0034	<0.0014	<0.0047	<0.0045	<0.0050	<0.0053	
Moisture Content	%	-	82	82	88	82	80	87	80	81	83	81	75	91	81	83	83	
Lipid Content	%	-	0.3	0.3	0.4	0.4	0.5	0.2	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.4	
Total Toxic Equivalence	ng/g TEQ	-	0.0000395	0.0000295	0.0000583	0.0000793	0.0000499	0.0000592	0.0000658	0.0000963	0.000715	0.00014	0.0000907	0.000622	0.000633	0.000568	0.000596	

PCB Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	LNGC-C02 HEPATO	LNGC-C06 HEPATO	LNGC-C08 HEPATO	LNGC-C13 HEPATO	LNGC-C18 HEPATO	LNGC-C21 HEPATO	LNGC-C25 HEPATO	LNGC-C28 HEPATO	LNGC-C29 HEPATO	LNGC-C30 HEPATO	LNGC-C34 HEPATO	LNGC-C36 HEPATO	LNGC-C45 HEPATO	LNGC-C53 HEPATO	LNGC-C61 HEPATO	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.172	0.282	0.0526	0.173	0.0589	0.0277	0.0352	0.0906	0.188	0.0771	0.026	0.311	0.067	0.0805	0.0705	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0024	0.009	<0.0053	0.007	<0.0057	<0.0047	<0.0024	<0.0051	0.0077	<0.0029	<0.0025	0.0091	0.0036	<0.0027	<0.0076	
233'44'-PentaCB-(105)	ng/g	0.00003	3.39	6.01	0.824	3.48	1.16	0.52	0.724	1.76	4.17	1.27	0.46	6.39	1.9	1.47	1.5	
2344'5-PentaCB-(114)	ng/g	0.00003	0.19	0.339	0.0448	0.202	0.0657	0.0276	0.0436	0.0973	0.222	0.0704	0.0253	0.398	0.1	0.0886	0.102	
23'44'5-PentaCB-(118)	ng/g	0.00003	9.94	16.6	2.27	9.77	3.37	1.48	2.09	5.18	13.4	3.66	1.25	17.8	5.7	4.2	4.44	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.139	0.12	0.0221	0.098	0.036	0.0137	0.034	0.0418	0.0723	0.0578	0.0205	0.229	0.0988	0.0565	0.0387	
33'44'5-PentaCB-(126)	ng/g	0.1	0.012	0.0184	0.0095	<0.016	<0.0040	<0.0068	<0.0040	<0.0056	0.0156	0.005	0.0055	0.0123	0.011	0.006	<0.0081	
HexaCB-(156)+(157)	ng/g	0.00003	0.954	1.5	0.231	0.85	0.363	0.149	0.218	0.484	1.01	0.353	0.145	1.58	0.654	0.415	0.47	**0.00181**
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.387	0.592	0.11	0.365	0.152	0.0681	0.0876	0.175	0.414	0.15	0.0654	0.562	0.276	0.161	0.167	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0051	<0.0062	<0.012	<0.0090	<0.012	<0.0071	<0.0055	<0.0075	<0.013	<0.0032	<0.0043	0.0099	0.0041	<0.0038	<0.011	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0355	0.0471	<0.019	0.029	<0.019	<0.015	<0.0095	<0.015	0.029	0.0144	<0.0066	0.0432	0.0284	0.0166	0.0212	
Moisture Content	%	-	74	84	80	82	80	82	83	84	81	83	92	78	82	78	85	
Lipid Content	%	-	13.0	2.4	8.2	4.9	5.9	6.8	3.6	3.8	6.5	4.1	3.9	7.6	3.2	12.0	7.6	
Total Toxic Equivalence	ng/g TEQ	-	0.00182	0.00281	0.00142	0.00233	0.000922	0.000965	0.000665	0.00103	0.00255	0.000772	0.000742	0.00237	0.00149	0.000915	0.00135	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KVS-C01 HEPATO	KVS-C04 HEPATO	KVS-C08 HEPATO	KVS-C12 HEPATO	KVS-C14 HEPATO	KVS-C18 HEPATO	KVS-C19 HEPATO	KVS-C21 HEPATO	KVS-C28 HEPATO	KVS-C29 HEPATO	KVS-C32 HEPATO	KVS-C34 HEPATO	KVS-C35 HEPATO	KVS-C36 HEPATO	KVS-C37 HEPATO	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0744	0.0592	0.0156	0.0035	0.0431	0.0157	0.0555	0.0611	0.053	0.163	0.0253	0.0881	0.0642	0.071	0.015	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0032	0.0033	<0.0014	<0.0019	0.0019	<0.0018	<0.0069	<0.0075	<0.0047	<0.0060	<0.0052	<0.0050	<0.0091	<0.0064	<0.0088	
233'44'-PentaCB-(105)	ng/g	0.00003	0.928	1.18	0.38	0.107	0.789	0.374	2.17	1.38	1.35	1.65	0.562	1.15	0.816	2.07	0.239	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0515	0.0656	0.0216	0.0066	0.0373	0.0205	0.145	0.0788	0.0841	0.0928	0.0301	0.0662	0.0446	0.113	0.0139	
23'44'5-PentaCB-(118)	ng/g	0.00003	2.45	3.58	1.04	0.3	2.25	1.04	5.75	3.89	4.28	4.38	1.58	3.14	2.27	6.34	0.656	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0392	0.0631	0.0155	0.007	0.037	0.0156	0.047	0.0342	0.0382	0.0416	0.015	0.0323	0.0229	0.0553	0.0112	
33'44'5-PentaCB-(126)	ng/g	0.1	0.0101	0.0081	0.00339	<0.0018	0.0058	<0.0023	<0.010	<0.0051	<0.0077	<0.016	<0.0046	<0.011	<0.0062	0.0142	<0.0046	
HexaCB-(156)+(157)	ng/g	0.00003	0.259	0.341	0.12	0.046	0.246	0.121	0.947	0.414	0.486	0.417	0.213	0.37	0.245	0.844	0.0734	**0.00134**
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.128	0.14	0.0533	0.0228	0.119	0.056	0.195	0.176	0.215	0.182	0.101	0.143	0.103	0.319	0.0324	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0048	<0.0032	<0.0018	<0.0034	0.0048	<0.0045	<0.011	<0.0073	<0.0071	<0.0085	<0.0078	<0.0081	<0.0094	<0.013	<0.0075	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0128	0.0119	<0.0045	<0.0041	0.0123	<0.0059	0.042	<0.012	0.0206	0.0265	0.0104	<0.016	<0.0084	0.0493	<0.0086	
Moisture Content	%	-	83	83	92	85	85	91	82	87	83	77	88	78	90	88	87	
Lipid Content	%	-	11.0	0.2	0.5	0.3	5.4	0.8	7.2	3.3	8.1	13.0	2.7	12.0	3.8	7.4	0.5	
Total Toxic Equivalence	ng/g TEQ	-	0.00128	0.00107	0.000444	0.000298	0.000834	0.000416	0.00162	0.000917	0.00118	0.00208	0.000773	0.0015	0.00102	0.00211	0.00072	

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KILD-C07 HEPATO	KILD-C08 HEPATO	KILD-C09 HEPATO	KILD-C10 HEPATO	KILD-C13 HEPATO	KILD-C26 HEPATO	KILD-C30 HEPATO	KILD-C32 HEPATO	KILD-C35 HEPATO	KILD-C44 HEPATO	KILD-C45 HEPATO	KILD-C46 HEPATO	KILD-C47 HEPATO	KILD-C52 HEPATO	KILD-C54 HEPATO	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.00911	0.0112	0.01	0.0075	0.007	0.0116	0.0081	0.0097	0.00764	0.0056	0.007	0.008	0.0095	0.0257	0.0071	
344'5-TetraCB-(81)	ng/g	0.0003	<0.00077	<0.00075	<0.0015	<0.0020	<0.0027	<0.0022	<0.0021	<0.0019	<0.00084	<0.0011	<0.0020	<0.0020	<0.0017	<0.0017	<0.0019	
233'44'-PentaCB-(105)	ng/g	0.00003	0.157	0.417	0.248	0.162	0.121	0.305	0.205	0.316	0.154	0.119	0.143	0.214	0.301	0.929	0.152	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0087	0.0234	0.0149	0.0108	<0.0072	0.0218	0.0138	0.0182	0.0097	0.0084	0.009	0.0115	0.0182	0.0576	0.0095	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.513	1.36	0.837	0.477	0.328	1.09	0.662	1	0.513	0.398	0.436	0.667	1.02	2.96	0.53	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.00759	0.0219	0.0096	0.0089	0.0042	0.0099	0.0068	0.0124	0.0046	0.0033	<0.0028	0.0062	0.0087	0.0255	<0.0037	
33'44'5-PentaCB-(126)	ng/g	0.1	0.00208	0.00616	<0.0035	<0.0023	<0.0016	0.0045	0.0027	<0.0052	<0.0018	<0.0016	<0.0016	<0.0029	<0.0020	0.0082	<0.0020	
HexaCB-(156)+(157)	ng/g	0.00003	0.0415	0.161	0.0817	0.0536	0.0361	0.109	0.0669	0.108	0.0474	0.0418	0.0478	0.0678	0.115	0.315	0.044	**0.00059**
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0236	0.0874	0.0473	0.0257	0.0195	0.0643	0.0369	0.0571	0.0266	0.0205	0.0226	0.0327	0.0597	0.163	0.0243	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0038	0.00639	<0.0021	<0.0028	<0.0024	<0.0035	<0.0039	<0.0044	<0.0017	<0.0036	<0.0048	<0.0039	<0.0028	<0.0024	<0.0023	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0042	0.01	0.0056	<0.0057	<0.0035	<0.0059	<0.0071	0.0099	0.0033	<0.0030	0.0053	<0.0034	<0.0061	0.0161	0.0092	
Moisture Content	%	-	68	82	80	85	88	83	90	84	86	81	72	86	86	74	76	
Lipid Content	%	-	15.0	4.2	5.8	2.1	1.2	3.3	1.9	2.7	2.4	4.2	10.0	6.1	2.3	2.0	6.9	
Total Toxic Equivalence	ng/g TEQ	-	0.000346	0.000872	0.000452	0.000338	0.000249	0.000605	0.000418	0.000699	0.000255	0.000287	0.000325	0.000438	0.000331	0.00103	0.000293	

PCB Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	TEF	HARBOUR-SOLE-01	HARBOUR-SOLE-02	HARBOUR-SOLE-03	HARBOUR-SOLE-04	HARBOUR-SOLE-05	HARBOUR-SOLE-06	HARBOUR-SOLE-07	HARBOUR-SOLE-08	HARBOUR-SOLE-09	HARBOUR-SOLE-10	HARBOUR-SOLE-11	HARBOUR-SOLE-12	HARBOUR-SOLE-13	HARBOUR-SOLE-14	HARBOUR-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0081	0.004	0.013	0.0115	0.0064	0.0074	0.0159	0.0069	0.0072	0.0064	0.0145	0.012	<0.0099	0.0092	<0.0060	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0013	<0.00085	<0.0014	<0.0016	<0.0017	<0.0023	<0.0034	<0.0025	<0.0020	<0.0023	<0.0016	<0.0020	<0.0065	<0.0077	<0.0058	
233'44'-PentaCB-(105)	ng/g	0.00003	0.255	0.296	0.371	0.416	0.291	0.218	0.534	0.241	0.268	0.256	0.461	0.438	0.341	0.356	0.366	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0145	0.018	0.0225	0.0248	0.0172	0.0139	0.0303	0.0148	0.0153	0.0151	0.0275	0.0313	0.0198	0.0229	0.0214	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.824	1.01	1.19	1.31	0.952	0.669	1.6	0.818	0.848	0.841	1.47	1.52	1.12	1.25	1.21	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0133	0.0135	0.0212	0.0177	0.0137	0.0115	0.0243	0.01	0.0146	0.0129	0.0208	0.0237	0.0106	0.0116	<0.012	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0010	<0.00087	<0.0014	<0.0016	<0.0016	<0.0018	<0.0025	<0.0023	<0.0016	<0.0018	<0.0012	<0.0018	<0.0060	<0.0076	<0.0084	**0.00077**
HexaCB-(156)+(157)	ng/g	0.00003	0.0873	0.107	0.122	0.131	0.0997	0.0722	0.162	0.077	0.0915	0.0865	0.133	0.158	0.109	0.135	0.112	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0351	0.0419	0.0494	0.057	0.0454	0.0301	0.0668	0.0312	0.0349	0.0433	0.0571	0.0669	0.0476	0.0582	0.0469	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0016	<0.0013	<0.0020	<0.0020	<0.0026	<0.0032	<0.0035	<0.0039	<0.0022	<0.0027	<0.0019	<0.0025	<0.0055	<0.0074	<0.0073	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0032	0.0041	<0.0041	<0.0050	0.0057	0.0026	0.005	0.0041	0.0033	<0.0026	<0.0044	<0.0046	<0.013	<0.0095	<0.017	
Moisture Content	%	-	83	83	81	82	82	82	83	83	81	83	82	82	82	82	82	
Lipid Content	%	-	0.9	0.8	1.4	1.1	1.2	1.0	1.2	0.7	1.3	0.7	1.2	1.3	1.4	0.9	0.7	
Total Toxic Equivalence	ng/g TEQ	-	0.000186	0.000171	0.000255	0.00028	0.000282	0.000308	0.00043	0.000384	0.000266	0.0003	0.000244	0.000324	0.000818	0.00104	0.00111	

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	TEF	KV-SOLE-01	KV-SOLE-02	KV-SOLE-03	KV-SOLE-04	KV-SOLE-05	KV-SOLE-06	KV-SOLE-07	KV-SOLE-08	KV-SOLE-09	KV-SOLE-10	KV-SOLE-11	KV-SOLE-12	KV-SOLE-13	KV-SOLE-14	KV-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.011	0.0078	0.0026	0.009	0.0036	0.004	0.0069	<0.0019	0.0026	<0.0020	<0.0073	<0.0046	<0.0036	<0.0054	0.0066	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0019	<0.0016	<0.0019	<0.0023	<0.0022	<0.0016	<0.0019	<0.0019	<0.0026	<0.0020	<0.0071	<0.0045	<0.0035	<0.0053	<0.0056	
233'44'-PentaCB-(105)	ng/g	0.00003	0.158	0.143	0.098	0.221	0.131	0.0724	0.164	0.0259	0.0567	0.0054	0.0848	0.0326	0.0066	0.0462	0.268	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0102	0.0096	0.0078	0.0128	0.009	0.0043	0.0101	<0.0017	0.0029	<0.0016	<0.0057	<0.0048	<0.0037	<0.0039	<0.014	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.479	0.424	0.287	0.639	0.373	0.206	0.477	0.0803	0.151	0.0178	0.243	0.139	0.0291	0.13	0.796	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0071	0.0075	0.004	0.0138	0.0077	0.0041	0.0081	<0.0018	0.0028	<0.0018	<0.0062	<0.0052	<0.0040	<0.0042	0.009	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0016	<0.0010	<0.0011	<0.0016	<0.0015	<0.0016	<0.0016	<0.0016	<0.0016	<0.0015	<0.0055	<0.0046	<0.0035	<0.0037	<0.0046	**0.00047**
HexaCB-(156)+(157)	ng/g	0.00003	0.052	0.0481	0.0333	0.066	0.0509	0.0214	0.0496	0.0105	0.016	0.0023	0.0278	0.0225	<0.0087	0.0145	0.0916	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0234	0.0227	0.0145	0.0256	0.0248	0.0102	0.0249	0.005	0.0067	<0.0017	0.0135	0.0095	<0.0083	0.0073	0.0418	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0031	<0.0018	<0.0048	<0.0031	<0.0030	<0.0016	<0.0030	<0.0018	<0.0037	<0.0018	<0.0046	<0.0058	<0.0088	<0.0045	<0.0082	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0046	<0.0045	<0.0044	<0.0051	<0.0050	<0.0043	<0.0059	<0.0033	<0.0034	<0.0021	<0.0058	<0.0036	<0.0021	<0.0028	<0.0055	
Moisture Content	%	-	84	89	88	85	84	82	81	83	84	82	84	85	82	86	91	
Lipid Content	%	-	0.9	1.0	0.6	1.0	0.9	0.9	1.4	0.5	0.6	0.5	0.7	0.3	0.2	0.6	0.8	
Total Toxic Equivalence	ng/g TEQ	-	0.000277	0.000175	0.000268	0.000284	0.000259	0.000219	0.000273	0.000219	0.000279	0.000206	0.000702	0.000642	0.000617	0.000513	0.000745	

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	KARM-SOLE-01	KARM-SOLE-02	KARM-SOLE-03	KARM-SOLE-04	KARM-SOLE-05	KARM-SOLE-06	KARM-SOLE-07	KARM-SOLE-08	KARM-SOLE-09	KARM-SOLE-10	KARM-SOLE-11	KARM-SOLE-12	KARM-SOLE-13	KARM-SOLE-14	KARM-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	<0.0056	<0.0065	<0.0046	<0.0045	<0.0074	<0.0072	<0.0085	<0.0032	<0.0031	<0.0054	<0.0047	<0.0048	<0.0059	<0.0021	<0.0017	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0055	<0.0064	<0.0045	<0.0044	<0.0072	<0.0070	<0.0083	<0.0031	<0.0031	<0.0052	<0.0046	<0.0047	<0.0058	<0.0020	<0.0017	
233'44'-PentaCB-(105)	ng/g	0.00003	<0.013	0.0078	0.0134	<0.0071	0.0168	<0.014	0.066	0.0147	0.0162	0.0084	0.0189	0.0116	0.0431	0.0436	0.0408	
2344'5-PentaCB-(114)	ng/g	0.00003	<0.0051	<0.0051	<0.0046	<0.0054	<0.0068	<0.0077	<0.0073	<0.0061	<0.0040	<0.0060	<0.0052	<0.0046	<0.0052	0.0031	0.00291	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.0408	0.0256	0.0481	0.0289	0.0594	0.0449	0.234	0.0496	0.0498	0.0345	0.0597	0.0408	0.138	0.132	0.118	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.0055	<0.0055	<0.0050	<0.0059	<0.0074	<0.0083	<0.0080	<0.0067	<0.0043	<0.0065	<0.0057	<0.0050	<0.0056	0.0021	0.0018	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0049	<0.0048	<0.0044	<0.0052	<0.0065	<0.0073	<0.0070	<0.0059	<0.0038	<0.0058	<0.0050	<0.0044	<0.0049	<0.0014	<0.00095	
HexaCB-(156)+(157)	ng/g	0.00003	<0.0069	<0.0090	<0.0086	<0.0076	<0.0096	<0.017	0.0256	<0.015	<0.0076	<0.0096	<0.0062	<0.0080	0.0136	0.0163	0.0131	**ND (0.00087)**
23'44'55'-HexaCB-(167)	ng/g	0.00003	<0.0066	<0.0087	<0.0083	<0.0073	<0.0093	<0.016	<0.014	<0.014	<0.0073	<0.0092	<0.0060	<0.0077	0.0086	0.0081	0.0062	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0070	<0.0091	<0.0087	<0.0077	<0.0097	<0.017	<0.0087	<0.015	<0.0077	<0.0097	<0.0063	<0.0081	<0.0063	<0.0027	<0.0018	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0066	<0.0083	<0.0081	<0.010	<0.0087	<0.0080	<0.0098	<0.0086	<0.0053	<0.0056	<0.0084	<0.0048	<0.0097	<0.0030	<0.0036	
Moisture Content	%	-	80	82	84	81	82	82	84	82	83	83	81	82	86	83	82	
Lipid Content	%	-	1.0	0.4	0.5	0.6	0.4	0.6	0.7	0.4	0.7	0.5	0.8	0.6	0.6	0.4	0.5	
Total Toxic Equivalence	ng/g TEQ	-	0.000705	0.000758	0.000706	0.000755	0.000947	0.00125	0.000975	0.00104	0.000615	0.000875	0.000694	0.000687	0.000688	0.000228	0.000155	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	LNGC-C01 MEAT	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	LNGC-C07 MEAT	LNGC-C09 MEAT	LNGC-C11 MEAT	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	LNGC-C17 MEAT	LNGC-C18 MEAT	LNGC-C20 MEAT	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.249	<0.212	<0.138	<0.105	<0.141	<0.144	<0.116	<0.109	<0.147	<0.118	<0.144	<0.204	<0.247	<0.101	<0.108	
1,2,3,7,8-Penta CDD	pg/g	1	<0.318	<0.258	<0.140	<0.110	<0.127	<0.134	<0.111	<0.111	<0.146	<0.115	<0.146	<0.199	<0.204	<0.109	<0.118	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.364	<0.213	<0.107	<0.118	<0.140	<0.137	<0.113	<0.105	<0.140	<0.114	<0.133	<0.135	<0.221	<0.115	<0.121	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.306	<0.215	<0.108	<0.113	<0.142	<0.138	<0.108	<0.101	<0.141	<0.110	<0.134	<0.136	<0.223	<0.110	<0.122	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.291	<0.227	<0.115	<0.110	<0.150	<0.146	<0.106	<0.0982	<0.149	<0.107	<0.142	<0.143	<0.235	<0.108	<0.129	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.471	<0.272	<0.104	0.253	<0.135	<0.130	0.173	0.142	<0.143	0.19	<0.174	<0.220	<0.245	<0.104	<0.135	
Octa CDD	pg/g	0.0003	<0.839	0.653	<0.149	0.427	<0.122	<0.171	0.366	0.275	<0.512	0.504	<0.107	<0.445	<0.619	0.532	<0.181	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.215	<0.130	<0.129	0.224	<0.123	<0.148	0.101	<0.106	<0.124	<0.110	<0.126	<0.117	<0.148	<0.108	<0.0722	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.294	<0.321	<0.133	<0.118	<0.154	<0.113	<0.108	<0.110	<0.150	<0.117	<0.164	<0.203	<0.263	<0.111	<0.120	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.313	<0.299	<0.124	<0.110	<0.143	<0.105	<0.101	<0.103	<0.140	<0.110	<0.153	<0.189	<0.245	<0.104	<0.112	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.361	<0.226	<0.140	<0.116	<0.145	<0.140	<0.110	<0.105	<0.121	<0.108	<0.148	<0.163	<0.169	<0.109	<0.0848	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.374	<0.236	<0.146	<0.113	<0.151	<0.146	<0.107	<0.103	<0.126	<0.105	<0.154	<0.171	<0.176	<0.106	<0.0885	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	0.385	<0.215	<0.133	<0.109	<0.138	<0.134	<0.104	<0.0992	<0.115	<0.102	<0.141	<0.156	<0.161	<0.103	<0.0808	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.345	<0.231	<0.143	<0.114	<0.148	<0.143	<0.108	<0.103	<0.124	<0.106	<0.151	<0.167	<0.172	<0.107	<0.0866	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.387	<0.232	<0.140	<0.110	<0.151	<0.150	<0.104	<0.101	<0.124	<0.112	<0.123	<0.183	<0.220	<0.102	<0.0931	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.496	<0.221	<0.134	<0.107	<0.144	<0.142	<0.102	<0.0986	<0.118	<0.110	<0.118	<0.174	<0.209	<0.100	<0.0887	
Octa CDF	pg/g	0.0003	<0.743	<0.354	<0.134	<0.131	<0.148	<0.118	<0.115	0.133	<0.152	<0.105	<0.141	<0.229	<0.186	<0.126	<0.128	
Moisture Content	%	-	81	79	80	81	81	83	79	80	80	79	81	81	81	80	79	
Lipid Content	%	-	0.2	0.4	0.3	0.4	0.5	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.3	0.3	0.2	
Total Toxic Equivalence	pg/g TEQ	-	0.948	0.746	0.425	0.358	0.434	0.43	0.35	0.34	0.448	0.36	0.458	0.591	0.69	0.334	0.345	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	KVS-C01 MEAT	KVS-C02 MEAT	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	KVS-C06 MEAT	KVS-C07 MEAT	KVS-C08 MEAT	KVS-C09 MEAT	KVS-C10 MEAT	KVS-C11 MEAT	KVS-C12 MEAT	KVS-C14 MEAT	KVS-C17 MEAT	KVS-C21 MEAT	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.210	<0.112	<0.111	<0.270	<0.108	<0.104	<0.266	<0.138	<0.205	<0.113	<0.105	<0.139	<0.279	<0.112	<0.140	
1,2,3,7,8-Penta CDD	pg/g	1	<0.126	<0.117	<0.103	<0.331	<0.116	<0.113	<0.322	<0.219	<0.260	<0.112	<0.117	<0.310	<0.340	<0.0997	<0.151	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.192	<0.118	<0.108	<0.321	<0.106	<0.115	<0.234	<0.150	<0.122	<0.110	<0.106	<0.157	<0.157	<0.113	<0.200	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.193	0.131	0.163	<0.324	<0.102	<0.111	<0.236	<0.151	<0.123	<0.106	<0.102	<0.158	<0.158	<0.109	<0.201	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.204	<0.110	<0.101	<0.342	<0.0992	<0.108	<0.249	<0.160	<0.130	<0.103	<0.0995	<0.167	<0.167	<0.106	<0.213	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.234	0.196	0.226	<0.259	0.197	0.217	<0.346	<0.269	<0.200	0.193	0.152	<0.198	<0.253	0.157	<0.275	
Octa CDD	pg/g	0.0003	<0.262	0.373	0.365	<0.353	0.35	0.329	<0.620	<1.93	<0.515	0.404	0.341	<0.318	<0.466	0.308	<0.236	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.148	0.157	0.168	<0.229	0.115	0.104	<0.436	<0.224	<0.162	<0.115	<0.104	<0.169	<0.379	<0.112	<0.258	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.209	<0.108	<0.120	<0.160	<0.114	<0.106	<0.628	<0.347	<0.282	<0.116	<0.112	<0.361	<0.432	<0.110	<0.369	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.194	<0.101	<0.112	<0.149	<0.107	<0.0992	<0.585	<0.324	<0.262	<0.108	<0.105	<0.336	<0.402	<0.103	<0.344	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.158	<0.111	<0.116	<0.268	<0.119	<0.112	<0.303	<0.193	<0.187	<0.108	<0.102	<0.221	<0.226	<0.119	0.245	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.165	<0.109	<0.114	<0.279	<0.117	<0.109	<0.316	<0.201	<0.196	<0.106	<0.0995	<0.231	<0.236	<0.116	<0.125	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.150	<0.105	<0.110	<0.255	<0.113	<0.106	<0.289	<0.184	<0.179	<0.102	<0.0962	<0.211	<0.215	<0.113	0.153	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.161	<0.109	<0.114	<0.273	<0.117	<0.110	<0.309	<0.197	<0.191	<0.106	<0.0999	<0.226	<0.231	<0.117	<0.123	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.159	<0.114	<0.118	<0.282	<0.111	<0.114	<0.489	<0.240	<0.239	<0.120	<0.110	<0.157	<0.167	<0.103	0.278	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.152	<0.111	<0.115	<0.269	<0.108	<0.112	<0.137	<0.228	<0.227	<0.118	<0.107	<0.149	<0.159	<0.101	<0.144	
Octa CDF	pg/g	0.0003	<0.116	0.157	0.126	<0.265	<0.106	0.166	<0.612	<0.401	<0.400	<0.117	<0.115	<0.304	<0.381	<0.105	<0.108	
Moisture Content	%	-	88	80	79	79	87	85	83	82	78	80	79	79	78	80	84	
Lipid Content	%	-	0.3	0.2	0.4	0.4	0.4	0.5	0.5	0.2	0.5	0.4	0.4	0.6	0.4	0.6	0.2	
Total Toxic Equivalence	pg/g TEQ	-	0.543	0.362	0.355	0.888	0.353	0.342	1.03	0.619	0.688	0.351	0.342	0.72	0.936	0.34	0.564	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	KILD-C01 MEAT	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	KILD-C11 MEAT	KILD-C12 MEAT	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	KILD-C16 MEAT	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.111	<0.102	<0.113	<0.117	<0.110	<0.119	<0.101	<0.139	<0.133	<0.115	<0.107	<0.102	<0.102	<0.107	<0.107	
1,2,3,7,8-Penta CDD	pg/g	1	<0.112	<0.105	<0.110	<0.108	<0.109	<0.111	<0.137	<0.112	<0.131	<0.101	<0.106	<0.115	<0.106	<0.116	<0.112	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.105	<0.111	<0.0975	<0.109	<0.0978	<0.0997	<0.116	<0.115	<0.114	<0.0969	<0.114	<0.102	<0.0996	<0.100	<0.106	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.107	<0.113	<0.0988	<0.110	<0.0991	<0.101	<0.117	<0.116	<0.115	<0.0981	0.126	<0.100	<0.101	<0.0983	<0.104	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.106	<0.112	<0.0979	<0.109	<0.0982	<0.100	<0.116	<0.115	<0.114	<0.0972	<0.127	<0.102	<0.100	<0.100	<0.106	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.104	0.605	<0.0985	<0.105	<0.114	<0.115	<0.143	0.214	<0.103	<0.0829	<0.137	<0.107	<0.107	<0.104	<0.106	
Octa CDD	pg/g	0.0003	<0.107	2.86	0.477	<0.109	<0.111	0.483	<0.127	0.353	<0.128	<0.116	0.374	<0.279	<0.107	0.336	<0.114	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.117	<0.102	<0.102	<0.112	<0.115	<1.04	<0.149	0.264	0.183	<0.127	<0.108	0.152	<0.112	0.164	<0.102	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.119	<0.114	<0.118	<0.121	<0.121	<0.127	<0.153	<0.161	<0.113	<0.113	<0.113	<0.104	<0.120	<0.118	<0.107	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.104	<0.101	<0.104	<0.107	<0.107	<0.112	<0.135	<0.141	<0.0992	<0.0994	<0.106	<0.0975	<0.105	<0.111	<0.0998	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.110	<0.103	<0.104	<0.113	<0.112	<0.0909	<0.0989	<0.166	<0.106	<0.0788	0.114	<0.116	<0.107	<0.113	<0.118	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.116	<0.109	<0.111	<0.120	<0.119	<0.0964	<0.105	<0.122	<0.113	<0.0836	0.114	<0.116	<0.113	<0.113	<0.118	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.107	<0.101	<0.102	<0.111	<0.110	<0.0891	<0.0969	<0.113	<0.104	<0.0772	<0.101	<0.109	<0.105	<0.106	<0.111	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.116	<0.108	<0.110	<0.120	<0.119	<0.0959	<0.104	<0.122	<0.112	<0.0832	<0.132	<0.118	<0.113	<0.114	<0.119	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0880	<0.148	<0.110	<0.118	<0.0690	<0.105	<0.125	<0.203	<0.0768	<0.102	<0.108	<0.116	<0.113	<0.108	<0.0937	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0853	<0.104	<0.107	<0.114	<0.0669	<0.102	<0.121	<0.125	<0.0744	<0.0985	<0.105	<0.112	<0.110	<0.104	<0.0905	
Octa CDF	pg/g	0.0003	<0.109	0.451	<0.104	<0.106	<0.100	<0.107	<0.142	<0.234	<0.121	<0.112	0.181	<0.139	<0.104	<0.109	<0.116	
Moisture Content	%	-	82	82	88	82	80	87	80	81	83	81	75	91	81	83	83	
Lipid Content	%	-	0.3	0.3	0.4	0.4	0.5	0.2	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.4	
Total Toxic Equivalence	pg/g TEQ	-	0.349	0.336	0.343	0.355	0.344	0.442	0.377	0.417	0.396	0.326	0.345	0.344	0.332	0.354	0.343	

ND (0.38)

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	LNGC-C03 HEPATO	LNGC-C10 HEPATO	LNGC-C11 HEPATO	LNGC-C12 HEPATO	LNGC-C14 HEPATO	LNGC-C20 HEPATO	LNGC-C26 HEPATO	LNGC-C27 HEPATO	LNGC-C37 HEPATO	LNGC-C42 HEPATO	LNGC-C46 HEPATO	LNGC-C54 HEPATO	LNGC-C55 HEPATO	LNGC-C57 HEPATO	LNGC-C59 HEPATO	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.111	<0.112	<0.103	<0.0967	<0.115	<0.109	<0.104	<0.141	<0.146	0.229	<0.160	0.161	<0.147	<0.164	<0.161	
1,2,3,7,8-Penta CDD	pg/g	1	0.393	<0.106	<0.364	0.318	<0.252	0.304	<0.156	0.638	0.375	<0.291	<0.202	<0.235	0.272	0.198	0.382	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.104	<0.118	<0.113	<0.105	<0.104	<0.139	<0.109	<0.159	<0.147	<0.140	<0.140	<0.141	<0.136	<0.152	<0.142	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.852	0.16	1.01	0.655	0.627	0.518	0.513	1.63	0.596	<0.508	0.776	0.866	0.628	0.35	0.713	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.291	<0.110	0.288	0.159	0.203	<0.150	<0.147	0.541	<0.210	0.224	0.208	0.226	0.207	<0.163	<0.206	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	2.09	0.305	1.59	0.853	1.63	0.335	1.1	3.42	2.23	<0.552	4.44	1.38	0.408	1.15	0.968	
Octa CDD	pg/g	0.0003	2.32	0.567	2.15	1.45	0.662	<0.311	1.72	10.8	6.89	0.933	15	5.5	0.61	<1.04	1	
2,3,7,8-Tetra CDF	pg/g	0.1	1.08	0.4	1.26	1.19	1.23	1.74	<0.761	2.44	1.5	1.07	0.609	1.57	1.23	0.503	2.89	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.111	<0.111	<0.110	<0.116	<0.115	<0.115	<0.110	<0.174	<0.193	<0.171	<0.148	<0.224	<0.148	<0.175	1.68	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.156	<0.103	0.176	<0.179	0.142	0.187	<0.103	0.37	<0.181	0.166	<0.138	<0.144	<0.138	<0.163	0.618	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.111	<0.108	<0.113	<0.109	<0.118	<0.119	<0.106	0.221	<0.146	<0.140	<0.151	0.165	<0.150	<0.134	1.19	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.108	<0.105	<0.110	<0.106	<0.116	<0.116	<0.104	0.177	<0.142	<0.137	<0.148	<0.138	<0.146	<0.132	0.745	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.105	<0.102	<0.107	<0.103	<0.112	<0.112	<0.101	<0.134	<0.138	<0.132	<0.143	<0.134	<0.141	<0.127	<0.137	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.109	<0.106	<0.111	<0.107	<0.116	<0.117	<0.104	<0.139	<0.143	<0.137	<0.149	<0.139	<0.147	<0.132	<0.142	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.366	<0.104	0.192	<0.108	<0.154	<0.118	<0.110	0.338	<0.184	0.149	0.343	0.229	<0.138	0.135	0.829	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.108	<0.102	<0.105	<0.106	<0.113	<0.116	<0.103	<0.136	<0.141	<0.112	<0.112	<0.122	<0.135	<0.125	<0.118	
Octa CDF	pg/g	0.0003	<0.102	<0.113	<0.151	<0.0973	<0.108	<0.120	0.107	0.403	<0.307	0.165	1.1	<0.315	<0.140	<0.146	<0.576	
Moisture Content	%	-	88	89	80	88	87	75	90	80	81	82	90	85	83	84	87	
Lipid Content	%	-	5.1	1.3	5.3	2.0	2.8	12.0	4.0	9.2	7.0	5.4	2.3	4.4	7.9	1.7	5.6	
Total Toxic Equivalence	pg/g TEQ	-	0.839	0.378	0.831	0.731	0.669	0.758	0.499	1.44	0.887	0.803	0.694	0.779	0.73	0.6	1.36	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KVS-C03 HEPATO	KVS-C04 HEPATO	KVS-C08 HEPATO	KVS-C11 HEPATO	KVS-C14 HEPATO	KVS-C17 HEPATO	KVS-C21 HEPATO	KVS-C23 HEPATO	KVS-C25 HEPATO	KVS-C27 HEPATO	KVS-C29 HEPATO	KVS-C31 HEPATO	KVS-C35 HEPATO	KVS-C36 HEPATO	KVS-C38 HEPATO	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	0.31	<0.109	<0.112	<0.163	<0.181	<0.112	<0.117	<0.165	<0.128	<0.113	<0.198	<0.220	<0.141	<0.162	<0.131	
1,2,3,7,8-Penta CDD	pg/g	1	1.4	<0.108	<0.102	<0.308	0.713	<0.184	0.437	0.55	0.706	0.247	0.848	0.805	<0.676	0.655	<0.215	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	0.188	<0.112	<0.105	<0.130	0.233	<0.110	<0.109	<0.121	<0.105	<0.118	<0.259	<0.232	<0.193	<0.117	<0.209	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	3.68	<0.108	<0.127	0.706	2.59	0.46	0.93	<0.854	1.84	0.586	1.94	1.77	2.12	1.49	0.584	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	0.986	<0.105	<0.0985	0.266	1.07	<0.169	0.323	0.236	0.473	0.188	0.573	0.484	0.226	0.326	<0.217	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	2.66	<0.111	<0.0997	0.571	2.89	<0.447	<0.940	1.35	0.565	0.555	6.22	2.77	0.371	0.592	0.876	
Octa CDD	pg/g	0.0003	1.54	<0.117	<0.126	1.18	<0.793	0.859	1.57	1.48	0.387	0.966	2.89	0.662	<0.513	<0.302	1.53	
2,3,7,8-Tetra CDF	pg/g	0.1	3.45	<0.101	<0.348	1.65	1.42	0.81	1.76	2.15	2.94	0.793	2.5	2.58	1.35	2.79	0.76	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.260	<0.124	<0.123	<0.173	0.185	<0.118	<0.162	<0.152	<0.140	<0.114	<0.412	<0.278	<0.332	<0.411	<0.291	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.537	<0.115	<0.115	<0.250	0.226	<0.157	0.248	<0.216	0.398	0.129	<0.409	0.57	<0.304	<0.408	<0.265	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.122	<0.113	<0.114	<0.112	<0.117	<0.112	<0.110	<0.114	<0.103	<0.115	<0.165	<0.215	<0.203	<0.180	<0.117	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.120	<0.111	<0.111	<0.110	<0.106	<0.109	<0.107	<0.112	<0.101	<0.112	<0.169	<0.221	<0.208	<0.185	<0.120	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.116	<0.107	<0.108	<0.106	<0.102	<0.105	<0.104	<0.108	<0.0973	<0.108	<0.157	<0.205	<0.193	<0.171	<0.111	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.120	<0.111	<0.112	0.123	0.123	<0.110	<0.108	<0.112	<0.101	<0.113	<0.167	<0.218	<0.206	<0.182	<0.118	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.28	<0.0949	<0.113	<0.138	<0.293	<0.108	0.159	0.16	0.146	<0.117	0.546	0.325	0.179	0.127	<0.111	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.110	<0.0927	<0.110	<0.0991	<0.106	<0.106	<0.106	<0.142	<0.114	<0.114	<0.108	<0.117	<0.115	<0.117	<0.125	
Octa CDF	pg/g	0.0003	<0.107	<0.118	<0.117	0.361	<0.149	<0.105	0.159	<0.143	<0.107	<0.105	<0.364	<0.202	<0.129	<0.110	<0.196	
Moisture Content	%	-	82	83	92	81	85	84	87	81	87	85	77	82	90	88	90	
Lipid Content	%	-	7.4	0.2	0.5	5.0	5.4	2.0	3.3	2.5	8.0	1.1	13.0	7.2	3.8	7.4	2.9	
Total Toxic Equivalence	pg/g TEQ	-	2.75	0.345	0.368	0.863	1.56	0.552	0.965	1.15	1.49	0.613	1.8	1.81	1.37	1.5	0.669	

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	KILD-C01 HEPATO	KILD-C02 HEPATO	KILD-C05 HEPATO	KILD-C18 HEPATO	KILD-C19 HEPATO	KILD-C25 HEPATO	KILD-C34 HEPATO	KILD-C37 HEPATO	KILD-C38 HEPATO	KILD-C39 HEPATO	KILD-C41 HEPATO	KILD-C42 HEPATO	KILD-C43 HEPATO	KILD-C51 HEPATO	KILD-C53 HEPATO	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.112	<0.132	<0.116	<0.120	<0.110	<0.113	<0.115	<0.109	<0.106	<0.108	<0.120	<0.0796	<0.131	<0.113	<0.134	ND (0.60)
1,2,3,7,8-Penta CDD	pg/g	1	<0.174	<0.119	<0.118	<0.249	<0.208	0.337	<0.384	<0.112	0.229	<0.128	<0.146	<0.0709	0.204	<0.121	<0.165	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.110	<0.108	<0.117	<0.117	<0.113	0.155	<0.114	<0.113	<0.102	<0.111	<0.168	<0.0902	<0.123	<0.108	<0.107	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.212	<0.110	0.337	<0.292	<0.270	0.727	0.59	<0.109	<0.243	<0.107	<0.163	<0.0910	0.3	<0.104	0.335	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.111	<0.109	<0.117	<0.117	<0.108	0.163	<0.108	<0.105	<0.0945	<0.103	<0.160	<0.0962	<0.117	<0.103	<0.102	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.109	<0.304	<0.116	<0.126	<0.113	0.125	<0.159	<0.102	<0.112	<0.101	<0.109	<0.0826	<0.115	<0.196	<0.116	
Octa CDD	pg/g	0.0003	<0.120	2.23	<0.109	0.157	<0.113	<0.140	<0.538	<0.112	<0.115	<0.110	<0.145	<0.128	<0.193	<0.160	<0.118	
2,3,7,8-Tetra CDF	pg/g	0.1	0.934	0.365	1.05	1.51	0.945	0.877	1.77	0.503	<0.806	0.317	0.508	0.119	0.899	0.342	0.475	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.113	<0.124	<0.108	0.166	<0.110	<0.124	<0.220	<0.100	<0.119	<0.108	<0.135	<0.0914	<0.178	<0.114	<0.217	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.137	<0.109	0.149	0.255	<0.145	<0.179	<0.326	<0.101	<0.134	<0.0995	<0.124	<0.0851	<0.164	<0.105	<0.200	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.104	<0.101	<0.115	<0.112	<0.0987	<0.110	<0.116	<0.106	<0.109	<0.103	<0.103	<0.0661	<0.0996	<0.113	<0.104	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.110	<0.108	<0.122	<0.119	<0.0980	<0.109	<0.115	<0.105	<0.108	<0.102	<0.103	<0.0690	<0.0989	<0.112	<0.104	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.102	<0.0994	<0.113	<0.110	<0.0935	<0.104	<0.110	<0.100	<0.103	<0.0974	<0.0978	<0.0630	<0.0943	<0.107	<0.0989	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.110	<0.107	<0.121	<0.119	0.125	<0.112	<0.118	<0.107	<0.110	<0.104	<0.105	<0.0675	<0.101	<0.114	<0.106	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.108	<0.113	<0.0870	<0.0985	<0.123	<0.103	<0.117	<0.0938	<0.106	<0.111	<0.104	<0.0622	<0.119	<0.114	<0.101	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.105	<0.110	<0.0843	<0.0955	<0.118	<0.0988	<0.113	<0.0901	<0.102	<0.107	<0.100	<0.0593	<0.115	<0.109	<0.0972	
Octa CDF	pg/g	0.0003	<0.113	<0.100	<0.0900	<0.128	<0.104	<0.111	<0.111	<0.112	0.233	<0.112	<0.116	<0.0960	<0.175	<0.117	<0.195	
Moisture Content	%	-	81	70	67	82	77	89	84	74	82	74	85	82	73	84	77	
Lipid Content	%	-	5.4	12.0	12.0	5.8	4.0	2.4	4.3	11.0	11.0	7.8	1.8	2.0	11.0	3.0	5.5	
Total Toxic Equivalence	pg/g TEQ	-	0.513	0.404	0.484	0.706	0.553	0.738	0.918	0.382	0.556	0.373	0.451	0.247	0.576	0.383	0.512	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	TEF	HARBOUR-SOLE-01	HARBOUR-SOLE-02	HARBOUR-SOLE-03	HARBOUR-SOLE-04	HARBOUR-SOLE-05	HARBOUR-SOLE-06	HARBOUR-SOLE-07	HARBOUR-SOLE-08	HARBOUR-SOLE-09	HARBOUR-SOLE-10	HARBOUR-SOLE-11	HARBOUR-SOLE-12	HARBOUR-SOLE-13	HARBOUR-SOLE-14	HARBOUR-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.167	<0.116	<0.112	<0.126	<0.119	<0.136	<0.108	<0.147	<0.111	<0.255	<0.183	<0.118	<0.134	<0.113	<0.281	
1,2,3,7,8-Penta CDD	pg/g	1	<0.178	<0.115	<0.113	<0.125	0.277	<0.131	<0.146	<0.203	<0.200	<0.340	<0.190	<0.158	<0.133	<0.124	<0.237	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.0927	<0.123	<0.119	<0.116	<0.166	<0.186	<0.121	<0.128	<0.143	<0.158	<0.178	<0.211	<0.122	<0.107	<0.257	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.0925	<0.119	<0.115	<0.112	<0.161	<0.235	<0.117	<0.125	<0.138	<0.159	<0.180	<0.204	<0.119	<0.104	<0.249	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.0974	0.138	<0.113	<0.111	<0.180	<0.221	<0.115	<0.123	<0.136	<0.168	<0.190	<0.201	<0.117	<0.103	<0.245	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.152	<0.178	<0.111	<0.119	0.2	<0.215	<0.105	<0.115	<0.110	<0.234	<0.110	<0.223	<0.192	<0.112	<0.253	
Octa CDD	pg/g	0.0003	<0.226	<0.217	<0.170	1.87	1.64	0.521	<0.221	<0.402	<0.303	0.761	<0.183	1.19	1.73	<0.235	<0.496	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.0916	<0.107	<0.108	<0.104	<0.122	<0.130	<0.107	<0.115	<0.115	<0.230	<0.106	<0.106	<0.121	<0.106	<0.197	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.200	<0.119	<0.106	<0.110	<0.269	<0.119	<0.116	<0.149	<0.131	<0.236	<0.110	<0.192	<0.131	<0.115	<0.223	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.187	<0.110	<0.0977	<0.101	<0.248	<0.113	<0.107	<0.137	<0.120	<0.220	<0.102	<0.132	<0.121	<0.106	<0.206	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.0728	<0.117	<0.117	<0.115	<0.264	0.226	<0.108	<0.105	<0.124	<0.197	<0.110	<0.157	<0.111	<0.116	<0.234	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0762	<0.116	<0.116	<0.114	0.185	<0.122	<0.108	<0.104	<0.123	<0.206	<0.115	<0.111	<0.110	<0.115	<0.233	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0702	<0.110	<0.111	<0.109	<0.140	0.2	<0.103	<0.0993	<0.118	<0.188	<0.105	<0.105	<0.105	<0.109	<0.222	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.0738	<0.128	<0.119	<0.117	0.237	<0.129	<0.110	<0.106	<0.126	<0.202	<0.112	<0.113	<0.113	<0.117	<0.238	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.126	<0.117	<0.114	<0.116	<0.165	<0.192	<0.106	<0.186	<0.114	<0.185	<0.122	<0.170	<0.152	<0.112	<0.282	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.122	<0.112	<0.109	<0.111	<0.135	<0.111	<0.102	<0.179	<0.109	<0.176	<0.117	0.166	<0.146	<0.108	<0.271	
Octa CDF	pg/g	0.0003	<0.195	<0.198	<0.156	<0.164	<0.457	0.422	<0.216	<0.369	<0.186	<0.328	<0.117	0.38	0.399	<0.192	<0.336	
Moisture Content	%	-	83	83	81	82	82	82	83	83	81	83	82	82	82	82	82	
Lipid Content	%	-	0.9	0.8	1.4	1.1	1.2	1.0	1.2	0.7	1.3	0.7	1.2	1.3	1.4	0.9	0.7	
Total Toxic Equivalence	pg/g TEQ	-	0.478	0.368	0.353	0.378	0.63	0.455	0.382	0.491	0.457	0.825	0.52	0.448	0.405	0.363	0.782	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Kitamaat Village - Sole Meat

PARAMETER	UNITS	TEF	KV-SOLE-01	KV-SOLE-02	KV-SOLE-03	KV-SOLE-04	KV-SOLE-05	KV-SOLE-06	KV-SOLE-07	KV-SOLE-08	KV-SOLE-09	KV-SOLE-10	KV-SOLE-11	KV-SOLE-12	KV-SOLE-13	KV-SOLE-14	KV-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.103	<0.106	<0.104	<0.120	<0.103	<0.0995	<0.112	<0.102	<0.106	<0.101	<0.104	<0.164	<0.257	<0.184	<0.162	
1,2,3,7,8-Penta CDD	pg/g	1	<0.117	<0.103	<0.108	<0.116	<0.103	<0.103	<0.111	<0.102	<0.115	<0.0992	<0.0962	<0.133	<0.219	<0.327	<0.122	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.114	<0.112	<0.110	<0.116	<0.119	<0.104	<0.111	<0.111	<0.122	<0.102	<0.103	<0.181	<0.197	<0.212	<0.142	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.109	<0.107	<0.106	0.112	<0.114	<0.0999	<0.106	<0.106	<0.117	<0.0983	<0.103	<0.181	<0.198	<0.213	<0.142	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.107	<0.105	<0.104	<0.109	<0.111	<0.0976	<0.104	<0.104	<0.114	<0.0960	<0.108	<0.190	<0.210	<0.226	<0.149	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.108	<0.115	<0.106	<0.108	<0.110	<0.105	<0.111	<0.110	<0.112	<0.101	<0.121	<0.197	<0.225	<0.346	<0.118	
Octa CDD	pg/g	0.0003	0.14	<0.103	<0.107	<0.117	0.131	<0.112	<0.109	<0.116	<0.104	<0.115	0.215	<0.202	<0.300	0.758	<0.190	
2,3,7,8-Tetra CDF	pg/g	0.1	0.101	<0.103	<0.110	0.324	<0.108	<0.113	0.246	<0.110	<0.105	<0.104	<0.0956	<0.168	<0.142	<0.363	<0.171	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.0884	<0.108	<0.0955	<0.104	<0.112	<0.123	<0.109	<0.102	<0.105	<0.100	<0.108	<0.166	<0.201	<0.209	<0.115	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0825	<0.101	<0.0891	<0.0972	<0.104	<0.115	<0.102	<0.0951	<0.0982	<0.0936	<0.101	<0.155	<0.187	<0.194	<0.108	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.114	<0.103	<0.120	<0.121	<0.115	<0.103	<0.103	<0.116	<0.105	<0.118	<0.0985	<0.134	<0.224	<0.253	<0.131	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.111	<0.100	<0.117	<0.119	<0.113	<0.100	<0.101	<0.114	<0.103	<0.116	<0.103	<0.140	<0.233	<0.264	<0.137	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.108	<0.0971	<0.113	<0.115	<0.109	<0.0971	<0.0975	<0.110	<0.0993	<0.112	<0.0949	<0.129	<0.213	<0.241	<0.126	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.112	<0.101	<0.118	<0.119	<0.113	<0.101	<0.101	<0.114	<0.103	<0.116	<0.0999	<0.136	<0.228	<0.258	<0.133	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0558	<0.0553	<0.0723	<0.0558	<0.102	<0.112	<0.0927	<0.0632	<0.0622	<0.0767	<0.0982	<0.138	<0.149	<0.240	<0.0853	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0545	<0.0541	<0.0707	<0.0546	<0.100	<0.109	<0.0906	<0.0618	<0.0608	<0.0750	<0.0944	<0.133	<0.142	<0.229	<0.0821	
Octa CDF	pg/g	0.0003	<0.0900	<0.110	<0.0973	<0.0768	<0.104	<0.0999	<0.114	<0.0711	<0.0924	<0.114	<0.0985	<0.278	<0.271	<0.343	<0.150	
Moisture Content	%	-	84	89	88	85	84	82	81	83	84	82	84	85	82	86	91	
Lipid Content	%	-	0.9	1.0	0.6	1.0	0.9	0.9	1.4	0.5	0.6	0.5	0.7	0.3	0.2	0.6	0.8	
Total Toxic Equivalence	pg/g TEQ	-	0.337	0.328	0.334	0.384	0.334	0.326	0.357	0.326	0.343	0.32	0.318	0.479	0.708	0.787	0.436	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Seafood Samples (Baseline, August 2018)

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	KARM-SOLE-01	KARM-SOLE-02	KARM-SOLE-03	KARM-SOLE-04	KARM-SOLE-05	KARM-SOLE-06	KARM-SOLE-07	KARM-SOLE-08	KARM-SOLE-09	KARM-SOLE-10	KARM-SOLE-11	KARM-SOLE-12	KARM-SOLE-13	KARM-SOLE-14	KARM-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.116	<0.228	<0.103	<0.169	<0.202	<0.108	<0.109	<0.115	<0.109	<0.108	<0.108	<0.102	<0.114	<0.111	<0.105	ND (0.47)
1,2,3,7,8-Penta CDD	pg/g	1	<0.253	<0.210	<0.103	<0.144	<0.194	<0.108	<0.117	<0.111	<0.115	<0.105	<0.119	<0.114	<0.101	<0.112	<0.108	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.193	<0.257	<0.108	<0.126	<0.144	<0.109	<0.107	<0.109	<0.113	<0.110	<0.121	<0.120	<0.110	<0.113	<0.110	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.172	<0.250	<0.104	<0.127	<0.146	<0.104	<0.103	<0.105	<0.109	<0.105	<0.116	<0.115	<0.106	<0.109	<0.105	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.185	<0.246	<0.101	<0.135	<0.154	<0.102	<0.100	<0.102	<0.106	<0.103	<0.113	<0.113	<0.103	<0.106	<0.103	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.333	<0.290	0.131	<0.170	<0.199	<0.110	<0.113	0.524	<0.119	<0.104	<0.110	<0.108	<0.104	<0.110	<0.115	
Octa CDD	pg/g	0.0003	<0.412	<0.489	0.672	<2.56	<0.621	<0.109	0.737	2.78	0.318	<0.116	0.154	0.195	0.179	0.212	<0.113	
2,3,7,8-Tetra CDF	pg/g	0.1	0.156	<0.260	<0.104	<0.171	<0.194	<0.104	<0.172	<0.104	<0.106	0.194	<0.115	<0.104	<0.110	<0.118	<0.116	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.273	<0.250	<0.122	<0.158	<0.161	<0.108	<0.106	<0.105	<0.107	0.221	<0.108	<0.114	<0.103	<0.107	<0.0830	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.251	<0.230	<0.114	<0.147	<0.150	<0.101	<0.0990	<0.0981	<0.100	<0.101	<0.101	<0.106	<0.0965	<0.0994	<0.0775	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.241	<0.217	<0.109	<0.150	<0.103	<0.108	<0.122	<0.110	<0.105	<0.115	<0.111	<0.110	<0.112	<0.106	<0.108	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.133	<0.216	<0.106	<0.156	<0.108	<0.106	<0.119	<0.107	<0.103	<0.113	<0.109	<0.107	<0.109	<0.103	<0.106	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.145	<0.206	<0.103	<0.143	<0.0985	<0.102	<0.115	<0.104	<0.0992	<0.109	<0.105	<0.104	<0.106	<0.100	<0.102	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.136	<0.220	<0.107	<0.153	0.291	<0.106	<0.120	<0.108	<0.103	<0.113	<0.109	<0.108	<0.110	<0.104	<0.106	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.255	<0.237	<0.116	<0.116	<0.141	<0.0812	<0.110	0.17	0.131	<0.105	<0.0991	<0.106	<0.0779	<0.0881	<0.0672	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.257	<0.228	<0.114	<0.110	<0.135	<0.0794	<0.108	<0.107	<0.110	<0.103	<0.0968	<0.103	<0.0761	<0.0861	<0.0657	
Octa CDF	pg/g	0.0003	<0.248	<0.299	<0.152	<0.191	<0.195	<0.107	<0.103	0.486	1.32	<0.111	<0.114	<0.135	<0.110	<0.108	<0.0841	
Moisture Content	%	-	80	82	84	81	82	82	84	82	83	83	81	82	86	83	82	
Lipid Content	%	-	1.0	0.4	0.5	0.6	0.4	0.6	0.7	0.4	0.7	0.5	0.8	0.6	0.6	0.4	0.5	
Total Toxic Equivalence	pg/g TEQ	-	0.597	0.709	0.332	0.483	0.575	0.336	0.358	0.352	0.346	0.349	0.354	0.343	0.336	0.345	0.327	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Metal COPC Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Meat

	UNITS	LNGC-C01 MEAT	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	LNGC-C07 MEAT	LNGC-C09 MEAT	LNGC-C11 MEAT	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	LNGC-C17 MEAT	LNGC-C18 MEAT	LNGC-C20 MEAT	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.002	0.0021	0.0015	0.0031	0.0021	0.0039	0.0022	0.0027	0.0059	<0.0013	0.0027	0.0023	0.0024	0.0032	0.0014	**0.0031**
Total (Wet Wt) Copper (Cu)	mg/kg	7.76	6.59	5.6	5.07	4.29	4.42	6.03	5.06	5.69	5.03	5.93	3.66	4.09	4.5	3.6	**5.67**
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	35.6	36.2	37.5	30.7	29.7	39.6	35.9	35.1	35.5	32.9	32.2	31.8	40.5	34.6	**36.28**
Moisture	%	81	79	80	81	81	83	79	80	80	79	81	81	81	80	79	

Kitamaat Village Study Area - Crab Meat

	UNITS	KVS-C01 MEAT	KVS-C02 MEAT	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	KVS-C06 MEAT	KVS-C07 MEAT	KVS-C08 MEAT	KVS-C09 MEAT	KVS-C10 MEAT	KVS-C11 MEAT	KVS-C12 MEAT	KVS-C14 MEAT	KVS-C17 MEAT	KVS-C21 MEAT	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0068	0.0039	0.0178	0.0057	0.0025	0.0032	0.0088	0.0032	0.0029	0.0018	0.0016	0.0053	0.0017	0.0043	0.0033	**0.0067**
Total (Wet Wt) Copper (Cu)	mg/kg	3.58	4.48	7.27	5.34	3.99	3.28	4	5.18	4.89	4.74	5.3	6.13	4.79	3.78	5.18	**5.27**
Total (Wet Wt) Zinc (Zn)	mg/kg	22.8	36.9	42.6	38.4	24.5	26	36.4	37.3	39.3	34.5	35.8	38.1	37.5	37.5	30	**37.18**
Moisture	%	88	80	79	79	87	85	83	82	78	80	79	79	78	80	84	

Kildala Arm Study Area - Crab Meat

	UNITS	KILD-C01 MEAT	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	KILD-C11 MEAT	KILD-C12 MEAT	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	KILD-C16 MEAT	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0017	0.0014	0.0021	0.0026	0.0024	0.0015	0.0024	0.0022	0.0023	0.0016	0.0031	0.0036	<0.0013	0.0029	0.0051	**0.0029**
Total (Wet Wt) Copper (Cu)	mg/kg	3.47	6.8	5.35	5.59	10.6	4.37	7.09	7.12	6.6	9.82	6.55	3.48	5.65	3.6	7.56	**7.21**
Total (Wet Wt) Zinc (Zn)	mg/kg	32.9	33.9	25.6	40.2	35.6	27	34.6	37.4	38.2	36.5	35.6	37.3	37.2	35	36.9	**36.72**
Moisture	%	82	82	88	82	80	87	80	81	83	81	75	91	81	83	83	

Metal COPC Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Crab Hepatopancreas

	UNITS	LNGC-C01 HEPATO	LNGC-C07 HEPATO	LNGC-C09 HEPATO	LNGC-C16 HEPATO	LNGC-C17 HEPATO	LNGC-C19 HEPATO	LNGC-C22 HEPATO	LNGC-C23 HEPATO	LNGC-C35 HEPATO	LNGC-C38 HEPATO	LNGC-C39 HEPATO	LNGC-C40 HEPATO	LNGC-C50 HEPATO	LNGC-C56 HEPATO	LNGC-C60 HEPATO	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.174	0.66	0.312	0.791	0.648	0.759	0.402	1.75	0.352	0.333	0.322	1.18	0.626	0.525	0.182	**0.79**
Total (Wet Wt) Copper (Cu)	mg/kg	23.8	56.4	8.77	4.69	4.55	12.5	8.96	6.43	7.63	6.67	13.5	14.3	41.1	13.2	10.2	**23.9**
Total (Wet Wt) Zinc (Zn)	mg/kg	15.8	12.1	15.5	17	9.21	19.4	14.7	11	13.2	8.24	12.8	17.5	14.8	18.8	12.4	**15.67**
Moisture	%	80	85	74	80	64	81	82	86	86	83	85	93	86	85	84	

Kitamaat Village Study Area - Crab Hepatopancreas

	UNITS	KVS-C02 HEPATO	KVS-C05 HEPATO	KVS-C06 HEPATO	KVS-C07 HEPATO	KVS-C09 HEPATO	KVS-C10 HEPATO	KVS-C13 HEPATO	KVS-C15 HEPATO	KVS-C16 HEPATO	KVS-C20 HEPATO	KVS-C22 HEPATO	KVS-C24 HEPATO	KVS-C26 HEPATO	KVS-C30 HEPATO	KVS-C33 HEPATO	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	2.58	0.639	1.91	1.32	1.44	0.148	0.298	0.535	0.658	0.227	0.833	0.329	0.197	0.398	0.508	**1.27**
Total (Wet Wt) Copper (Cu)	mg/kg	94	21	2.88	152	87.3	9.81	15.5	6.27	6.2	3.39	23.5	56.7	74.7	109	17.1	**86.64**
Total (Wet Wt) Zinc (Zn)	mg/kg	12.1	9.67	23.4	16.7	16.3	9.92	11.2	14	17.9	5.48	11.5	12.1	12.3	10.1	8.23	**14.73**
Moisture	%	84	89	81	89	81	87	82	82	76	95	92	92	88	89	93	

Kildala Arm Study Area - Crab Hepatopancreas

	UNITS	KILD-C04 HEPATO	KILD-C11 HEPATO	KILD-C15 HEPATO	KILD-C16 HEPATO	KILD-C17 HEPATO	KILD-C20 HEPATO	KILD-C21 HEPATO	KILD-C28 HEPATO	KILD-C29 HEPATO	KILD-C33 HEPATO	KILD-C36 HEPATO	KILD-C40 HEPATO	KILD-C48 HEPATO	KILD-C49 HEPATO	KILD-C50 HEPATO	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.293	0.279	0.142	0.111	0.352	0.238	0.317	0.474	0.212	0.348	0.237	0.553	0.525	0.291	0.147	**0.36**
Total (Wet Wt) Copper (Cu)	mg/kg	154	8.22	50.8	56.6	19.1	38.9	30.8	51.8	13.6	29.8	14.8	167	9.6	24.7	59.2	**79.56**
Total (Wet Wt) Zinc (Zn)	mg/kg	18.5	19.2	16.1	10.6	12.1	19.4	15.9	13.2	16.3	14.7	15.9	22.9	15.3	15.5	17	**17.56**
Moisture	%	85	75	94	89	78	84	91	87	79	85	88	97	82	86	89	

Metal COPC Concentrations in Seafood Samples (Baseline, August 2018)

Kitimat Harbour Study Area - Sole Meat

	UNITS	Harbour-sole-01	Harbour-sole-02	Harbour-sole-03	Harbour-sole-04	Harbour-sole-05	Harbour-sole-06	Harbour-sole-07	Harbour-sole-08	Harbour-sole-09	Harbour-sole-10	Harbour-sole-11	Harbour-sole-12	Harbour-sole-13	Harbour-sole-14	Harbour-sole-15	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0015	<0.0013	<0.0013	<0.0013	0.0014	<0.0013	<0.0013	0.0015	<0.0013	<0.0013	<0.0013	0.0014	<0.0013	<0.0013	**ND (0.0014)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.421	0.493	0.387	0.245	0.187	0.267	0.258	0.296	0.184	0.204	0.2	0.421	0.23	0.362	0.263	**0.34**
Total (Wet Wt) Zinc (Zn)	mg/kg	3.73	3.91	4.18	4.34	4.3	4.79	5.09	4.3	4.58	4.83	4.39	4.35	4.68	4.62	4.21	**4.58**
Moisture	%	83	83	81	82	82	82	83	83	81	83	82	82	82	82	82	

Kitamaat Village Study Area - Sole Meat

	UNITS	KV-Sole-01	KV-Sole-02	KV-Sole-03	KV-Sole-04	KV-Sole-05	KV-Sole-06	KV-Sole-07	KV-Sole-08	KV-Sole-09	KV-Sole-10	KV-Sole-11	KV-Sole-12	KV-Sole-13	KV-Sole-14	KV-Sole-15	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0014	<0.0013	<0.0013	0.0023	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0014	**ND (0.0015)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.169	0.186	0.363	0.184	0.209	0.143	0.209	0.459	0.157	0.134	0.169	0.139	0.264	0.26	0.243	**0.26**
Total (Wet Wt) Zinc (Zn)	mg/kg	4	4.27	4.7	4.81	5.17	4.19	4.07	3.39	3.4	3.55	3.68	3.14	2.96	3.24	4.46	**4.24**
Moisture	%	84	89	88	85	84	82	81	83	84	82	84	85	82	86	91	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

Kildala Arm Study Area - Sole Meat

	UNITS	KArm-sole-01	KArm-sole-02	KArm-sole-03	KArm-sole-04	KArm-sole-05	KArm-sole-06	KArm-sole-07	KArm-sole-08	KArm-Sole-09	KArm-Sole-10	KArm-Sole-11	KArm-Sole-12	KArm-Sole-13	KArm-Sole-14	KArm-Sole-15	95% UCLM
Total Metals by ICPMS																	
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	**ND (0.0014)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.143	0.145	0.185	0.17	0.161	0.149	0.142	0.223	0.147	0.238	0.141	0.127	0.143	0.2	0.185	**0.18**
Total (Wet Wt) Zinc (Zn)	mg/kg	3.54	3.77	3.71	3.74	3.23	3.39	3.29	3.33	4.15	3.27	3.52	3.38	3.55	3.99	3.3	**3.67**
Moisture	%	80	82	84	81	82	82	84	82	83	83	81	82	86	83	82	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

APPENDIX 6. AUGUST 2019 POST-DREDGE LABORATORY ANALYSIS SUMMARY

PAH Concentrations in Crab Meat (First Post-Dredge, August 2019)

LNG Canada Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-LNG-CRAB-01	19B-LNG-CRAB-02	19B-LNG-CRAB-03	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	19B-LNG-CRAB-07	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	19B-LNG-CRAB-11	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	19B-LNG-CRAB-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.112	0.181	0.121	0.104	0.553	0.259	0.098	<0.088	0.153	0.119	0.099	0.215	0.182	<0.18	<0.25	
Benzo(a)anthracene	ng/g	0.1	0.081	0.044	0.106	0.115	0.125	0.267	<0.076	0.104	0.091	<0.043	0.068	0.086	0.173	0.122	<0.11	
Chrysene	ng/g	0.01	<0.056	0.119	0.055	0.090	0.167	0.166	<0.084	0.086	0.097	<0.046	<0.037	0.071	<0.075	<0.075	<0.097	
Benzo(k)fluoranthene	ng/g	0.1	<0.039	<0.070	<0.037	<0.067	0.084	0.040	<0.049	<0.068	<0.030	<0.054	<0.050	<0.045	<0.076	<0.15	<0.20	
Benzo(a)pyrene	ng/g	1	<0.064	<0.10	<0.057	<0.094	0.12	0.069	<0.081	<0.10	<0.058	<0.084	<0.075	<0.078	<0.12	<0.21	<0.39	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.039	<0.084	<0.062	<0.089	<0.090	<0.11	<0.13	<0.10	<0.068	<0.051	<0.086	<0.12	<0.099	<0.17	<0.35	**0.424**
Dibenz(a,h)anthracene	ng/g	1	<0.11	<0.14	<0.13	<0.19	<0.20	<0.19	<0.18	<0.20	<0.15	<0.13	<0.14	<0.13	<0.20	<0.20	<0.40	
Benzo(g,h,i)perylene	ng/g	0.01	0.051	<0.067	<0.047	<0.058	0.137	0.192	<0.093	<0.064	<0.052	0.038	<0.063	<0.081	<0.065	<0.12	<0.25	
Total Toxic Equivalence	ng/g TEQ	-	0.202	0.280	0.221	0.323	0.408	0.330	0.298	0.338	0.244	0.242	0.246	0.256	0.374	0.474	0.884	
Moisture Content	%	-	86	86	83	86	79	82	84	80	79	80	85	87	85	88	86	
Lipid Content	%	-	0.2	0.4	0.5	0.4	0.6	0.7	0.1	0.6	0.4	0.6	0.2	0.2	0.3	0.1	0.1	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-VIL-CRAB21	19B-VIL-CRAB-27	19B-VIL-CRAB-28	19B-VIL-CRAB-51	19B-VIL-CRAB-40	19B-VIL-CRAB-41	19B-VIL-CRAB-42	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	19B-VIL-CRAB-46	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	19B-VIL-CRAB-50	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.23	<0.19	<0.32	<0.27	<0.38	0.060	0.049	0.060	0.061	<0.042	0.079	0.045	0.052	0.051	0.042	
Benzo(a)anthracene	ng/g	0.1	<0.13	<0.13	<0.27	<0.26	<0.26	0.043	0.040	0.041	0.052	0.049	0.071	0.039	0.045	0.038	0.042	
Chrysene	ng/g	0.01	<0.12	<0.12	<0.19	<0.18	<0.15	0.042	0.036	0.052	0.049	0.037	0.038	0.024	0.043	0.030	0.043	
Benzo(k)fluoranthene	ng/g	0.1	<0.15	<0.14	<0.26	<0.23	<0.28	<0.021	<0.028	<0.025	<0.031	<0.049	0.025	<0.037	0.044	<0.022	<0.034	
Benzo(a)pyrene	ng/g	1	<0.24	<0.26	<0.38	<0.32	<0.38	0.041	<0.030	0.044	<0.039	<0.061	0.055	<0.046	0.037	0.036	<0.050	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.30	<0.25	<0.53	<0.46	<0.64	0.033	<0.029	<0.023	<0.023	<0.028	<0.058	<0.039	<0.030	<0.017	<0.034	**0.795**
Dibenz(a,h)anthracene	ng/g	1	<0.29	<0.29	<0.62	<0.45	<0.48	<0.034	<0.034	<0.048	<0.048	<0.032	<0.062	<0.042	<0.031	<0.050	<0.032	
Benzo(g,h,i)perylene	ng/g	0.01	<0.20	<0.13	<0.46	<0.32	<0.41	0.035	0.025	0.028	0.026	0.026	<0.039	<0.032	0.027	0.021	<0.024	
Total Toxic Equivalence	ng/g TEQ	-	0.614	0.624	1.145	0.897	1.022	0.091	0.079	0.108	0.104	0.110	0.141	0.105	0.086	0.099	0.098	
Moisture Content	%	-	93	82	81	80	82	88	80	78	83	80	78	80	81	87	85	
Lipid Content	%	-	0.7	0.2	0.5	0.6	0.6	0.7	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.3	0.2	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-ARM-CRAB-01	19B-ARM-CRAB-02	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	19B-ARM-CRAB-09	19B-ARM-CRAB-10	19B-ARM-CRAB-11	19B-ARM-CRAB-12	19B-ARM-CRAB-13	19B-ARM-CRAB-14	19B-ARM-CRAB-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.046	0.046	0.042	<0.028	0.142	0.039	<0.031	0.037	<0.022	0.150	0.037	<0.59	0.130	<0.038	0.052	
Benzo(a)anthracene	ng/g	0.1	0.031	0.034	0.026	<0.023	0.082	0.031	0.032	<0.017	0.033	0.067	0.051	<0.38	0.0604	0.0394	0.049	
Chrysene	ng/g	0.01	0.039	0.042	0.032	0.042	0.085	0.031	0.033	0.032	0.026	0.105	0.055	<0.42	0.0908	0.0548	0.039	
Benzo(k)fluoranthene	ng/g	0.1	<0.048	<0.036	<0.025	<0.031	<0.036	<0.014	<0.031	<0.023	<0.026	<0.040	<0.017	<0.54	0.059	<0.040	<0.018	
Benzo(a)pyrene	ng/g	1	<0.051	<0.043	0.040	<0.044	0.087	0.029	<0.042	<0.029	<0.031	0.071	<0.024	<0.79	0.064	<0.053	<0.025	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.023	<0.025	<0.049	<0.025	0.063	<0.022	<0.017	<0.028	<0.035	0.040	<0.033	<0.63	0.038	<0.043	<0.036	**0.749**
Dibenz(a,h)anthracene	ng/g	1	<0.044	<0.023	<0.031	<0.056	<0.046	<0.024	<0.020	<0.018	<0.033	<0.039	<0.057	<0.90	<0.052	<0.055	<0.032	
Benzo(g,h,i)perylene	ng/g	0.01	0.028	0.021	<0.036	<0.018	0.066	<0.018	0.022	<0.022	<0.027	0.057	<0.027	<0.50	0.072	<0.031	<0.027	
Total Toxic Equivalence	ng/g TEQ	-	0.110	0.081	0.086	0.111	0.167	0.064	0.074	0.058	0.076	0.141	0.096	1.913	0.146	0.125	0.073	
Moisture Content	%	-	86	80	80	84	83	80	82	84	79	81	82	82	85	80	81	
Lipid Content	%	-	0.4	0.6	0.9	0.5	0.5	0.6	0.4	0.5	0.6	0.7	0.5	0.6	0.6	0.7	0.6	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PAH Concentrations in Crab Hepatopancreast (First Post-Dredge, August 2019)

LNG Canada Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-LNG-HEP-01	19B-LNG-HEP-02	19B-LNG-HEP-03	19B-LNG-HEP-04	19B-LNG-HEP-05	19B-LNG-HEP-06	19B-LNG-HEP-07	19B-LNG-HEP-08	19B-LNG-HEP-09	19B-LNG-HEP-10	19B-LNG-HEP-11	19B-LNG-HEP-12	19B-LNG-HEP-13	19B-LNG-HEP-14	19B-LNG-HEP-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.23	<0.10	0.137	0.645	0.35	1.03	0.36	0.28	0.525	<0.086	0.27	0.106	0.711	0.156	0.355	
Benzo(a)anthracene	ng/g	0.1	0.44	0.251	0.08	1.36	0.353	1.45	0.391	0.47	0.578	0.078	0.194	0.098	2.36	0.58	0.262	
Chrysene	ng/g	0.01	0.322	0.139	0.116	1	0.75	1.92	0.749	0.538	0.758	<0.086	0.372	0.12	1.87	0.48	0.357	
Benzo(k)fluoranthene	ng/g	0.1	<0.082	<0.090	<0.084	0.182	0.18	0.34	<0.11	0.095	0.169	<0.073	0.126	<0.056	0.206	0.189	0.062	
Benzo(a)pyrene	ng/g	1	<0.13	<0.14	<0.12	0.2	<0.20	0.33	<0.17	0.15	0.21	<0.12	<0.14	<0.094	0.284	0.1	<0.10	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.060	<0.050	<0.042	<0.11	<0.082	<0.075	<0.10	<0.11	<0.071	<0.11	<0.066	<0.077	<0.11	<0.079	<0.11	**0.47**
Dibenz(a,h)anthracene	ng/g	1	<0.056	<0.088	<0.090	<0.073	<0.095	<0.085	<0.12	<0.11	<0.11	<0.091	<0.088	<0.11	<0.15	<0.14	<0.12	
Benzo(g,h,i)perylene	ng/g	0.01	<0.087	<0.063	<0.059	<0.16	0.159	0.45	<0.13	<0.11	<0.093	<0.12	<0.067	<0.074	<0.10	<0.076	<0.10	
Total Toxic Equivalence	ng/g TEQ	-	0.271	0.279	0.246	0.514	0.401	0.728	0.395	0.362	0.463	0.248	0.298	0.240	0.792	0.346	0.303	
Moisture Content	%	-	86	84	90	86	83	86	87	87	82	86	87	89	87	88	87	
Lipid Content	%	-	1.3	6.7	0.9	5.9	3.3	3.4	1.6	1.4	8.8	3.5	2.5	2.8	3.3	1.5	2.1	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-VIL-HEP-01	19B-VIL-HEP-02	19B-VIL-HEP-03	19B-VIL-HEP-04	19B-VIL-HEP-05	19B-VIL-HEP-06	19B-VIL-HEP-07	19B-VIL-HEP-08	19B-VIL-HEP-09	19B-VIL-HEP-10	19B-VIL-HEP-11	19B-VIL-HEP-12	19B-VIL-HEP-13	19B-VIL-HEP-14	19B-VIL-HEP-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.069	<0.10	<0.068	0.104	<0.065	<0.12	0.229	0.163	<0.073	<0.13	<0.12	<0.13	<0.12	<0.098	<0.23	
Benzo(a)anthracene	ng/g	0.1	0.094	0.098	0.17	0.28	<0.085	0.157	0.541	0.223	0.189	0.28	<0.13	<0.13	0.088	<0.12	0.28	
Chrysene	ng/g	0.01	0.097	0.15	<0.13	0.43	<0.098	<0.10	0.622	0.398	0.123	0.24	<0.14	0.28	0.131	0.17	0.29	
Benzo(k)fluoranthene	ng/g	0.1	<0.074	<0.11	<0.074	<0.094	<0.077	<0.12	<0.096	0.073	<0.072	<0.13	<0.13	<0.15	<0.12	<0.11	<0.21	
Benzo(a)pyrene	ng/g	1	<0.10	<0.16	<0.11	<0.13	<0.098	<0.15	<0.13	<0.075	<0.095	<0.18	<0.19	<0.19	<0.17	<0.15	<0.30	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.13	<0.085	<0.10	<0.087	<0.062	<0.10	<0.053	<0.038	<0.082	<0.086	<0.11	<0.15	<0.090	<0.14	<0.17	**ND (0.37)**
Dibenz(a,h)anthracene	ng/g	1	<0.13	<0.11	<0.079	<0.062	<0.069	<0.088	<0.090	<0.043	<0.12	<0.12	<0.21	<0.16	<0.14	<0.074	<0.23	
Benzo(g,h,i)perylene	ng/g	0.01	<0.13	<0.084	<0.11	<0.095	<0.065	<0.10	<0.057	0.095	<0.078	<0.095	<0.10	<0.11	<0.091	<0.14	<0.16	
Total Toxic Equivalence	ng/g TEQ	-	0.269	0.312	0.233	0.254	0.198	0.290	0.319	0.173	0.259	0.366	0.451	0.410	0.354	0.274	0.624	
Moisture Content	%	-	70	75	70	72	84	81	79	76	77	75	81	79	80	83	75	
Lipid Content	%	-	3	13	17	16	3.5	4.5	6.3	9.8	9.8	11	6	7.6	8.5	8.4	13	

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-ARM-HEP-01	19B-ARM-HEP-02	19B-ARM-HEP-03	19B-ARM-HEP-04	19B-ARM-HEP-05	19B-ARM-HEP-06	19B-ARM-HEP-07	19B-ARM-HEP-08	19B-ARM-HEP-09	19B-ARM-HEP-10	19B-ARM-HEP-11	19B-ARM-HEP-12	19B-ARM-HEP-13	19B-ARM-HEP-14	19B-ARM-HEP-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.075	0.169	<0.080	<0.046	0.070	0.049	0.099	0.042	0.077	0.065	0.101	<0.064	0.084	0.084	0.048	
Benzo(a)anthracene	ng/g	0.1	<0.067	0.806	0.097	<0.044	0.085	0.051	0.090	0.057	0.063	0.069	0.071	0.088	0.072	0.061	0.057	
Chrysene	ng/g	0.01	<0.074	0.295	0.174	0.075	0.209	0.121	0.295	0.134	0.109	0.162	0.175	0.304	0.191	0.151	0.093	
Benzo(k)fluoranthene	ng/g	0.1	<0.087	<0.076	<0.093	<0.053	<0.037	<0.028	<0.046	<0.041	<0.051	<0.028	<0.047	<0.076	<0.051	<0.036	<0.043	
Benzo(a)pyrene	ng/g	1	<0.11	0.143	<0.12	<0.068	0.073	0.047	0.074	0.061	<0.068	<0.037	<0.060	<0.10	<0.069	<0.048	<0.051	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.057	<0.077	<0.093	<0.070	<0.088	<0.041	<0.046	<0.043	<0.040	<0.040	<0.056	<0.057	<0.053	<0.041	<0.050	**0.21**
Dibenz(a,h)anthracene	ng/g	1	<0.095	<0.10	<0.13	<0.059	<0.095	<0.052	<0.068	<0.044	<0.043	<0.040	<0.069	<0.064	<0.070	<0.061	<0.052	
Benzo(g,h,i)perylene	ng/g	0.01	<0.057	0.116	<0.095	<0.071	<0.086	0.041	0.058	0.059	<0.039	<0.041	<0.055	<0.060	<0.055	0.053	<0.051	
Total Toxic Equivalence	ng/g TEQ	-	0.235	0.360	0.289	0.150	0.199	0.118	0.174	0.125	0.136	0.099	0.159	0.196	0.167	0.133	0.124	
Moisture Content	%	-	79	70	70	85	74	71	67	66	76	74	77	75	81	76	82	
Lipid Content	%	-	3.2	16	13	1.3	12	9.6	16	5.4	9.8	11	9.5	5.9	7.6	10	4.1	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PAH Concentrations in Sole Meat (First Post-Dredge, August 2019)

LNG Canada Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-LNG-SOLE-01	19B-LNG-SOLE-02	19B-LNG-SOLE-03	19B-LNG-SOLE-04	19B-LNG-SOLE-05	19B-LNG-SOLE-06	19B-LNG-SOLE-07	19B-LNG-SOLE-08	19B-LNG-SOLE-09	19B-LNG-SOLE-10	19B-LNG-SOLE-11	19B-LNG-SOLE-12	19B-LNG-SOLE-13	19B-LNG-SOLE-14	19B-LNG-SOLE-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.27	<0.039	0.85	<0.070	<0.067	<0.19	<0.10	0.64	<0.31	<0.068	0.099	<0.19	<0.35	<0.29	<0.39	
Benzo(a)anthracene	ng/g	0.1	<0.19	0.048	0.62	<0.044	<0.051	<0.15	0.099	0.53	<0.25	0.059	<0.044	<0.23	<0.26	<0.24	<0.49	
Chrysene	ng/g	0.01	<0.20	<0.019	0.86	<0.043	<0.047	<0.16	<0.080	0.45	<0.27	<0.043	<0.048	<0.24	<0.25	<0.23	<5.4	
Benzo(k)fluoranthene	ng/g	0.1	<0.26	<0.041	0.33	<0.057	<0.075	<0.18	<0.11	<0.16	<0.32	<0.066	<0.068	<0.18	<0.32	<0.24	<0.34	
Benzo(a)pyrene	ng/g	1	<0.32	<0.054	0.50	<0.081	<0.093	<0.24	<0.14	0.25	<0.40	<0.086	<0.075	<0.24	<0.51	<0.42	<0.54	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.30	<0.070	0.34	<0.063	<0.10	<0.21	<0.053	0.21	<0.25	<0.082	<0.059	<0.26	<0.29	<0.29	<0.33	ND (0.681)
Dibenz(a,h)anthracene	ng/g	1	<0.29	<0.066	<0.25	<0.092	<0.088	<0.19	<0.053	<0.21	<0.23	<0.14	<0.058	<0.20	<0.29	<0.23	<0.28	
Benzo(g,h,i)perylene	ng/g	0.01	<0.26	<0.051	0.61	<0.044	<0.073	0.22	<0.045	0.61	<0.26	<0.068	<0.043	0.47	<0.32	1.02	0.66	
Total Toxic Equivalence	ng/g TEQ	-	0.717	0.141	0.979	0.197	0.212	0.507	0.230	0.625	0.748	0.255	0.161	0.533	0.928	0.769	1.036	
Moisture Content	%	-	81	81	83	82	80	78	79	83	81	80	82	80	80	81	80	
Lipid Content	%	-	0.6	0.9	0.6	0.4	0.8	0.5	0.3	0.7	0.7	0.4	0.9	0.5	0.7	1	0.5	

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-VIL-SOLE-01	19B-VIL-SOLE-04	19B-VIL-SOLE-06	19B-VIL-SOLE-07 + 10	19B-VIL-SOLE-08	19B-VIL-SOLE-09	19B-VIL-SOLE-11 +14	19B-VIL-SOLE-12	19B-VIL-SOLE-13	19B-VIL-SOLE-15 + 16	19B-VIL-SOLE-17	19B-VIL-SOLE-18 + 19	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.047	<0.061	<0.043	<0.069	<0.058	0.095	<0.061	<0.057	<0.067	<0.069	<0.049	<0.058	<0.056	0.038	<0.046	
Benzo(a)anthracene	ng/g	0.1	0.037	0.049	<0.058	<0.060	<0.034	<0.048	<0.053	<0.056	<0.067	<0.040	<0.035	<0.028	<0.050	0.024	<0.035	
Chrysene	ng/g	0.01	0.045	<0.050	<0.064	<0.066	0.06	0.06	<0.061	<0.063	<0.070	0.072	0.046	0.056	<0.055	0.05	0.059	
Benzo(k)fluoranthene	ng/g	0.1	<0.039	<0.052	<0.042	<0.075	<0.068	<0.061	<0.058	<0.055	<0.059	<0.069	<0.041	<0.060	<0.053	<0.026	<0.047	
Benzo(a)pyrene	ng/g	1	<0.051	<0.070	<0.058	<0.098	<0.078	<0.087	<0.079	<0.081	<0.088	<0.10	<0.055	<0.078	<0.065	<0.036	<0.060	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.050	<0.067	<0.039	<0.045	<0.050	<0.088	<0.055	<0.060	<0.11	<0.090	<0.075	<0.069	<0.047	<0.015	<0.040	ND (0.194)
Dibenz(a,h)anthracene	ng/g	1	<0.099	<0.079	<0.042	<0.072	<0.079	<0.20	<0.068	<0.048	<0.096	<0.082	<0.068	<0.051	<0.072	<0.027	<0.023	
Benzo(g,h,i)perylene	ng/g	0.01	<0.032	<0.052	<0.034	<0.039	<0.041	<0.069	<0.040	<0.042	<0.069	<0.073	<0.062	<0.056	<0.033	0.026	<0.028	
Total Toxic Equivalence	ng/g TEQ	-	0.168	0.173	0.119	0.196	0.179	0.317	0.171	0.153	0.216	0.210	0.144	0.152	0.158	0.074	0.101	
Moisture Content	%	-	86	81	80	80	82	81	80	83	81	85	83	80	81	79	87	
Lipid Content	%	-	1	0.9	0.4	1.2	0.4	0.6	1.1	0.6	0.8	0.4	0.6	0.5	0.5	0.6	0.2	

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-ARM-SOLE-01	19B-ARM-SOLE-02 +7	19B-ARM-SOLE-03 +15	19B-ARM-SOLE-05 +10	19B-ARM-SOLE-06 +14	19B-ARM-SOLE-08 + 09	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	19B-ARM-SOLE-13+23	19B-ARM-SOLE-17+25	19B-ARM-SOLE-18	19B-ARM-SOLE-22	19B-ARM-SOLE-24	19B-ARM-SOLE-26 +27	19B-ARM-SOLE-30	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.052	<0.043	0.049	0.056	0.1	<0.042	<0.031	<0.059	<0.039	0.039	<0.053	<0.054	<0.051	<0.054	<0.045	
Benzo(a)anthracene	ng/g	0.1	0.035	0.034	0.025	0.0585	0.047	<0.030	0.040	0.046	0.032	0.029	0.021	<0.029	<0.030	<0.030	<0.046	
Chrysene	ng/g	0.01	0.037	0.023	0.031	0.0576	0.053	<0.031	0.036	0.047	<0.030	<0.027	0.030	0.038	0.039	<0.030	<0.046	
Benzo(k)fluoranthene	ng/g	0.1	0.026	<0.040	<0.021	0.032	<0.019	<0.042	<0.029	<0.052	<0.037	<0.028	<0.053	<0.050	<0.048	<0.058	<0.046	
Benzo(a)pyrene	ng/g	1	<0.023	<0.045	<0.033	<0.021	0.044	<0.060	<0.034	<0.079	<0.058	<0.039	<0.075	<0.072	<0.064	<0.073	<0.065	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.027	<0.024	<0.031	<0.031	<0.029	<0.038	<0.045	<0.056	<0.046	<0.042	<0.060	<0.061	<0.041	<0.056	<0.049	ND (0.12)
Dibenz(a,h)anthracene	ng/g	1	<0.031	<0.050	<0.037	<0.054	<0.054	<0.041	<0.044	<0.039	<0.032	<0.059	<0.030	<0.032	<0.034	<0.045	<0.041	
Benzo(g,h,i)perylene	ng/g	0.01	<0.020	0.02	<0.026	<0.026	0.032	<0.031	<0.039	<0.040	<0.037	<0.032	<0.048	<0.048	<0.031	<0.043	<0.039	
Total Toxic Equivalence	ng/g TEQ	-	0.069	0.110	0.083	0.094	0.118	0.117	0.093	0.140	0.106	0.112	0.124	0.124	0.116	0.139	0.125	
Moisture Content	%	-	82	82	81	83	83	81	82	81	83	83	82	85	83	81	82	
Lipid Content	%	-	0.9	0.6	0.7	0.4	0.6	1.1	1.1	1.4	0.6	0.7	0.9	0.7	0.6	0.9	0.6	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PCB Concentrations in Crab Meat (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-LNG-CRAB-01	19B-LNG-CRAB-02	19B-LNG-CRAB-03	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	19B-LNG-CRAB-07	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	19B-LNG-CRAB-11	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	19B-LNG-CRAB-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0044	<0.0016	0.0033	<0.0022	0.0121	0.0075	<0.0027	0.0062	<0.0011	0.0113	0.002	0.00289	0.0027	0.00168	<0.0011	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0011	<0.0016	<0.0014	<0.0022	<0.0021	<0.0019	<0.0027	<0.0024	<0.0011	<0.0014	<0.0016	<0.00071	<0.0012	<0.00063	<0.00092	
233'44'-PentaCB-(105)	ng/g	0.00003	0.079	0.0129	0.0776	0.0156	0.221	0.174	0.0325	0.187	0.0209	0.144	0.0243	0.03	0.0324	0.0261	0.0238	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0055	<0.00084	0.0051	<0.0020	0.0134	0.0092	<0.0015	0.0119	<0.0010	0.0109	<0.0011	0.00201	0.00179	0.00139	0.00145	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.239	0.0361	0.241	0.0407	0.715	0.491	0.0886	0.553	0.058	0.462	0.0729	0.089	0.0867	0.0833	0.0656	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.0037	<0.00093	0.0035	<0.0022	0.0119	<0.0017	<0.0020	0.008	<0.0011	0.0037	<0.00088	<0.0011	0.0017	<0.0012	<0.00074	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0012	<0.00079	<0.0013	<0.0019	<0.0013	<0.0015	<0.0014	<0.0015	<0.00098	<0.0017	<0.00079	<0.00088	<0.00091	<0.00077	<0.00053	**0.0002**
HexaCB-(156)+(157)	ng/g	0.00003	0.0265	0.004	0.0284	0.0042	0.0631	0.0442	0.0095	0.0575	<0.0056	0.0415	0.0078	<0.0080	0.0085	0.00978	0.0078	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0093	<0.0016	0.0111	<0.0019	0.0217	0.0157	0.004	0.021	0.0023	0.0141	0.00324	<0.0029	0.0036	0.00427	0.0024	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0019	<0.0016	<0.0013	<0.0019	<0.0019	<0.0020	<0.0015	<0.0027	<0.0012	<0.0023	<0.0010	<0.00084	<0.0011	<0.00075	<0.0011	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0031	<0.0027	<0.0021	<0.0028	<0.0020	<0.0023	<0.0026	<0.0030	<0.0017	<0.0018	<0.00084	<0.00089	<0.0014	<0.0019	<0.00095	
Total Toxic Equivalence	ng/g TEQ	-	0.00019	0.00013	0.00018	0.00025	0.00022	0.00023	0.00019	0.00026	0.00014	0.00026	0.00011	0.00012	0.00013	0.00010	0.00009	
Moisture Content	%	-	86	86	83	86	79	82	84	80	79	80	85	87	85	88	86	
Lipid Content	%	-	0.2	0.4	0.5	0.4	0.6	0.7	0.1	0.6	0.4	0.6	0.2	0.2	0.3	0.1	0.1	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-VIL-CRAB21	19B-VIL-CRAB-27	19B-VIL-CRAB-28	19B-VIL-CRAB-40	19B-VIL-CRAB-41	19B-VIL-CRAB-42	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	19B-VIL-CRAB-46	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	19B-VIL-CRAB-50		95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.002	0.0213	0.0056	0.00309	<0.0021	<0.0020	<0.0018	<0.0036	0.0073	0.0036	0.0035	0.00596	0.00223	0.00112	#N/A	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0018	<0.0010	<0.0011	<0.00063	<0.0021	<0.00075	<0.0010	<0.00084	<0.0011	<0.0012	<0.0011	<0.00073	<0.00095	<0.00092	#N/A	
233'44'-PentaCB-(105)	ng/g	0.00003	0.0313	0.417	0.156	0.0469	0.0139	0.0285	0.0312	0.0816	0.127	0.0462	0.0303	0.0538	0.0224	<0.0083	#N/A	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0021	0.027	0.00995	0.00296	<0.0011	0.00189	0.00208	0.00456	0.0079	0.00244	<0.0014	0.0033	<0.0012	<0.00048	#N/A	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.085	1.37	0.522	0.136	0.0335	0.0803	0.0788	0.219	0.394	0.123	0.0771	0.139	0.0618	0.024	#N/A	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.00081	<0.0094	0.00495	<0.00088	<0.0011	0.00161	0.00166	0.0023	0.0057	<0.0012	<0.0013	<0.0011	<0.00071	<0.00052	#N/A	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.00073	0.00117	0.00202	<0.00069	<0.0010	<0.00068	<0.00086	<0.00094	<0.00099	<0.00095	<0.00058	<0.0010	<0.00064	<0.00046	#N/A	**0.00016**
HexaCB-(156)+(157)	ng/g	0.00003	0.0082	0.117	0.0661	0.0138	<0.0027	0.00971	0.0083	0.0249	0.0477	0.0138	0.00822	0.0152	<0.0062	0.00234	#N/A	
23'44'55'-HexaCB-(167)	ng/g	0.00003	<0.0026	0.0399	0.0276	0.00497	<0.0021	0.00377	0.00349	0.00797	0.0206	0.0057	<0.0029	0.00592	0.00237	0.00113	#N/A	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0011	<0.0013	<0.0010	<0.00088	<0.0022	<0.00091	<0.0010	<0.00065	<0.0013	<0.0014	<0.00091	<0.00094	<0.00060	<0.00070	#N/A	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0011	0.0029	<0.0022	<0.0018	<0.0033	<0.0012	<0.0017	<0.0017	<0.0017	<0.0012	<0.0012	<0.0011	<0.0015	<0.0017	#N/A	
Total Toxic Equivalence	ng/g TEQ	-	0.00011	0.00022	0.00026	0.00010	0.00017	0.00010	0.00012	0.00012	0.00016	0.00014	0.00009	0.00014	0.00009	0.00007	#N/A	
Moisture Content	%	-	93	82	81	82	88	80	78	83	80	78	80	81	87	85	#N/A	
Lipid Content	%	-	0.7	0.2	0.5	0.6	0.7	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.3	0.2	#N/A	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-ARM-CRAB-01	19B-ARM-CRAB-02	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	19B-ARM-CRAB-09	19B-ARM-CRAB-10	19B-ARM-CRAB-11	19B-ARM-CRAB-12	19B-ARM-CRAB-13	19B-ARM-CRAB-14	19B-ARM-CRAB-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	<0.0036	<0.0049	<0.0044	<0.0035	<0.0047	<0.0048	<0.0040	<0.0052	<0.0045	<0.0055	<0.0039	<0.0036	<0.0067	<0.0044	<0.0039	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0035	<0.0047	<0.0043	<0.0034	<0.0045	<0.0046	<0.0038	<0.0050	<0.0043	<0.0053	<0.0039	<0.0036	<0.0066	<0.0044	<0.0039	
233'44'-PentaCB-(105)	ng/g	0.00003	0.0109	0.0129	0.0183	0.0843	<0.011	0.01	<0.0042	0.0126	0.0123	0.0109	<0.0021	0.028	<0.0067	0.0212	<0.019	
2344'5-PentaCB-(114)	ng/g	0.00003	<0.0028	<0.0030	<0.0049	0.005	<0.0030	<0.0030	<0.0042	<0.0035	<0.0034	<0.0038	<0.0021	<0.0025	<0.0024	<0.0021	<0.0027	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.0315	0.0342	0.0439	0.255	0.0365	0.0283	0.0053	0.0329	0.034	0.0281	0.0234	0.088	0.0238	0.0608	0.0669	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.0031	<0.0033	<0.0053	<0.0048	<0.0033	<0.0033	<0.0046	<0.0038	<0.0037	<0.0041	<0.0023	<0.0027	<0.0026	<0.0023	<0.0030	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0027	<0.0028	<0.0046	<0.0042	<0.0029	<0.0029	<0.0040	<0.0033	<0.0032	<0.0036	<0.0021	<0.0024	<0.0023	<0.0020	<0.0027	**ND (0.00045)**
HexaCB-(156)+(157)	ng/g	0.00003	<0.0055	<0.0034	0.0044	0.0341	<0.0042	<0.0036	<0.0037	<0.0039	<0.0058	<0.0054	<0.0024	0.01	<0.0033	0.0054	<0.0048	
23'44'55'-HexaCB-(167)	ng/g	0.00003	<0.0052	<0.0032	<0.0026	0.0162	<0.0040	<0.0034	<0.0035	<0.0037	<0.0056	<0.0052	<0.0023	<0.0034	<0.0032	<0.0034	<0.0034	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0054	<0.0034	<0.0027	<0.0040	<0.0041	<0.0036	<0.0036	<0.0038	<0.0058	<0.0054	<0.0024	<0.0036	<0.0033	<0.0036	<0.0035	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0033	<0.0034	<0.0037	<0.0029	<0.0039	<0.0040	<0.0042	<0.0030	<0.0045	<0.0039	<0.0036	<0.0056	<0.0046	<0.0038	<0.0049	
Total Toxic Equivalence	ng/g TEQ	-	0.00044	0.00039	0.00055	0.00055	0.00042	0.00040	0.00051	0.00045	0.00050	0.00053	0.00029	0.00035	0.00033	0.00031	0.00038	
Moisture Content	%	-	86	80	80	84	83	80	82	84	79	81	82	82	85	80	81	
Lipid Content	%	-	0.4	0.6	0.9	0.5	0.5	0.6	0.4	0.5	0.6	0.7	0.5	0.6	0.6	0.7	0.6	

PCB Concentrations in Crab Hepatopancreas (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-LNG-HEP-16	19B-LNG-HEP-17	19B-LNG-HEP-18	19B-LNG-HEP-19	19B-LNG-HEP-20	19B-LNG-HEP-21	19B-LNG-HEP-22	19B-LNG-HEP-23	19B-LNG-HEP-24	19B-LNG-HEP-25	19B-LNG-HEP-26	19B-LNG-HEP-27	19B-LNG-HEP-28	19B-LNG-HEP-29	19B-LNG-HEP-30	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0256	0.0301	0.113	0.155	0.067	0.0598	0.478	0.0405	0.0404	0.21	0.0459	0.037	0.0658	0.0348	0.0223	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0017	<0.0017	0.005	0.0047	0.0025	0.003	0.0227	0.0027	0.0023	0.0106	<0.0021	<0.0019	0.0034	<0.0014	<0.0010	
233'44'-PentaCB-(105)	ng/g	0.00003	0.478	0.642	2.36	3.58	1.45	1.43	11.4	1.48	1.26	5.53	0.981	1.16	2.01	0.788	0.568	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0283	0.0358	0.155	0.213	0.0804	0.0843	0.751	0.0963	0.0657	0.271	0.054	0.0673	0.102	0.0413	0.0297	
23'44'5-PentaCB-(118)	ng/g	0.00003	1.44	1.87	6.77	9.81	4.09	3.89	36.4	4.43	3.65	16.1	2.72	3.33	5.82	2.22	1.66	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0167	0.0245	0.0764	0.121	0.0481	0.0704	0.356	0.0467	0.0424	0.265	0.0277	0.0386	0.055	0.0188	0.0282	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0025	0.00404	0.006	0.0039	0.0026	0.0048	0.0348	0.0056	0.0058	0.009	0.0049	0.0019	0.0042	0.0046	0.00309	**0.00244**
HexaCB-(156)+(157)	ng/g	0.00003	0.177	0.207	0.647	1.05	0.415	0.422	3.25	0.577	0.426	1.61	0.293	0.35	0.642	0.252	0.209	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0828	0.0916	0.247	0.44	0.166	0.183	1.15	0.211	0.178	0.663	0.126	0.142	0.279	0.114	0.095	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0026	<0.0016	<0.0016	<0.0018	<0.0011	0.0067	<0.0069	<0.0015	<0.0018	<0.0033	<0.0018	<0.0024	<0.0022	<0.0023	<0.0017	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0082	0.0082	0.0218	0.0338	0.013	0.0149	0.0975	0.022	0.0169	0.0466	0.0121	0.0124	0.0232	0.0105	0.0093	
Total Toxic Equivalence	ng/g TEQ	-	0.00040	0.00054	0.00097	0.00092	0.00049	0.00087	0.00534	0.00082	0.00081	0.00176	0.00068	0.00042	0.00076	0.00064	0.00044	
Moisture Content	%	-	87	86	84	81	83	73	77	79	84	83	80	85	80	84	84	
Lipid Content	%	-	2.3	6.4	2.9	3.8	3.2	14	6.1	5.7	4.2	4.4	5.8	1.6	4.7	4.1	4	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-VIL-HEP-16	19B-VIL-HEP-17	19B-VIL-HEP-18	19B-VIL-HEP-19	19B-VIL-HEP-20	19B-VIL-HEP-21	19B-VIL-HEP-22	19B-VIL-HEP-23	19B-VIL-HEP-24	19B-VIL-HEP-25	19B-VIL-HEP-26	19B-VIL-HEP-27	19B-VIL-HEP-28	19B-VIL-HEP-29	19B-VIL-HEP-30	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.372	0.0642	0.0501	0.0123	0.131	0.0679	0.0292	0.161	0.0321	0.0748	0.0324	0.066	0.01	0.0678	0.0815	
344'5-TetraCB-(81)	ng/g	0.0003	0.019	0.0031	0.0019	<0.0030	<0.0069	<0.0031	<0.0023	0.0071	<0.0026	0.0028	<0.0017	0.0038	<0.0020	0.0029	0.0036	
233'44'-PentaCB-(105)	ng/g	0.00003	3.61	1.16	0.902	0.134	2.54	1.83	0.452	2.69	0.54	1.73	0.496	1.45	0.317	1.2	1.68	
2344'5-PentaCB-(114)	ng/g	0.00003	0.209	0.0621	0.0584	0.0071	0.151	0.105	0.023	0.156	0.03	0.103	0.0297	0.0837	0.0162	0.0707	0.0887	
23'44'5-PentaCB-(118)	ng/g	0.00003	9.37	3.14	2.57	0.371	7.21	5.39	1.23	7.88	1.42	4.85	1.29	4.11	0.809	3.17	4.88	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.126	0.0569	0.0524	<0.0021	0.0786	0.0402	0.016	0.0732	0.0202	0.0548	0.0134	0.0723	0.0107	0.0363	0.0437	
33'44'5-PentaCB-(126)	ng/g	0.1	0.0261	0.007	0.0047	<0.0018	<0.011	<0.0070	<0.0022	0.0095	<0.0028	<0.0039	<0.0018	0.0028	<0.0021	0.0095	<0.0032	**0.00129**
HexaCB-(156)+(157)	ng/g	0.00003	0.952	0.348	0.288	0.0441	0.77	0.529	0.143	0.759	0.162	0.515	0.144	0.394	0.117	0.357	0.446	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.417	0.146	0.125	0.0201	0.294	0.219	0.0572	0.29	0.0729	0.184	0.0546	0.149	0.0527	0.151	0.195	
33'44'55'-HexaCB-(169)	ng/g	0.03	0.0085	<0.0049	0.003	<0.0035	<0.0036	<0.0026	<0.0027	<0.0045	<0.0037	<0.0026	<0.0030	<0.0021	<0.0027	<0.0025	<0.0034	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0387	0.0148	0.0127	<0.0059	0.0236	<0.016	<0.0055	0.0269	<0.0057	0.0195	0.0053	0.0118	0.0052	0.0167	0.0167	
Total Toxic Equivalence	ng/g TEQ	-	0.00335	0.00100	0.00069	0.00031	0.00155	0.00103	0.00036	0.00146	0.00046	0.00070	0.00034	0.00054	0.00033	0.00118	0.00065	
Moisture Content	%	-	82	74	88	88	76	76	86	80	83	83	84	79	89	80	77	
Lipid Content	%	-	4.4	14	3.9	1.1	12	13	3	1.4	1.8	1.9	1.2	0.9	1.2	8	12	

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-ARM-HEP-16	19B-ARM-HEP-17	19B-ARM-HEP-18	19B-ARM-HEP-19	19B-ARM-HEP-20	19B-ARM-HEP-21	19B-ARM-HEP-22	19B-ARM-HEP-23	19B-ARM-HEP-24	19B-ARM-HEP-25	19B-ARM-HEP-26	19B-ARM-HEP-27	19B-ARM-HEP-28	19B-ARM-HEP-29	19B-ARM-HEP-30	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.016	0.0403	0.017	0.0074	0.0085	0.0165	0.0159	0.0257	0.0273	0.0182	0.017	0.018	0.0354	0.0251	0.016	
344'5-TetraCB-(81)	ng/g	0.0003	0.002	0.0036	<0.0025	<0.0044	<0.0060	<0.0026	<0.0055	<0.0045	<0.0029	<0.0034	<0.0031	<0.017	0.0031	<0.0043	<0.010	
233'44'-PentaCB-(105)	ng/g	0.00003	0.52	0.985	0.381	0.187	0.142	0.47	0.599	0.774	1.02	0.639	0.458	0.493	0.929	0.77	0.445	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0344	0.0588	0.029	0.012	0.0121	0.0271	0.0382	0.0474	0.063	0.0408	0.0309	0.034	0.0732	0.0453	0.022	
23'44'5-PentaCB-(118)	ng/g	0.00003	1.67	2.77	1.22	0.587	0.394	1.47	1.97	2.39	3.34	2.12	1.59	1.65	2.72	2.37	1.37	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0161	<0.0063	<0.0026	<0.0053	<0.0057	0.0254	0.031	0.0287	0.0501	0.0381	0.0235	<0.013	0.0518	0.0259	0.022	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0018	0.0212	<0.0023	<0.0047	<0.0050	0.0063	<0.0059	<0.0042	<0.0028	<0.0051	<0.0025	<0.011	0.0045	<0.0055	<0.0095	**0.00127**
HexaCB-(156)+(157)	ng/g	0.00003	0.192	0.304	0.114	0.061	0.0373	0.165	0.22	0.254	0.334	0.243	0.171	0.182	0.291	0.23	0.144	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0965	0.149	0.0625	0.0305	0.0209	0.0874	0.111	0.106	0.173	0.111	0.0876	0.093	0.15	0.117	0.075	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0029	<0.0055	<0.0050	<0.0079	<0.0075	0.0138	<0.0086	<0.0037	<0.0057	<0.0069	<0.0077	<0.018	0.0112	<0.0064	<0.015	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	0.0101	0.0151	0.0065	<0.0037	<0.011	<0.0032	<0.0093	<0.012	0.0141	0.0097	<0.013	<0.070	0.0143	<0.012	<0.0092	
Total Toxic Equivalence	ng/g TEQ	-	0.00035	0.00242	0.00044	0.00074	0.00075	0.00111	0.00094	0.00064	0.00060	0.00082	0.00056	0.00172	0.00092	0.00085	0.00147	
Moisture Content	%	-	78	72	65	73	72	74	78	73	77	75	76	73	63	69	67	
Lipid Content	%	-	3.7	11	14	8.7	8.1	7	4.4	9.8	5.3	8	7.7	7.1	17	14	15	

PCB Concentrations in Sole Meat (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-LNG-SOLE-01	19B-LNG-SOLE-02	19B-LNG-SOLE-03	19B-LNG-SOLE-04	19B-LNG-SOLE-05	19B-LNG-SOLE-06	19B-LNG-SOLE-07	19B-LNG-SOLE-08	19B-LNG-SOLE-09	19B-LNG-SOLE-10	19B-LNG-SOLE-11	19B-LNG-SOLE-12	19B-LNG-SOLE-13	19B-LNG-SOLE-14	19B-LNG-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	<0.0062	0.0072	0.0125	<0.0023	0.0049	<0.0063	<0.0039	0.0076	<0.0070	<0.0059	0.009	0.0143	<0.0051	<0.0051	<0.0066	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0036	<0.0037	<0.0033	<0.0023	<0.0022	<0.0063	<0.0039	<0.0036	<0.0038	<0.0034	<0.0038	<0.0046	<0.0051	<0.0051	<0.0041	
233'44'-PentaCB-(105)	ng/g	0.00003	0.178	0.268	0.371	0.119	0.132	0.255	0.0734	0.194	0.217	0.217	0.251	0.485	0.146	0.193	0.297	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0132	0.0155	0.0235	<0.0076	0.0076	<0.013	<0.0040	<0.0079	<0.014	<0.011	0.0146	0.0278	<0.0075	0.0133	0.0154	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.627	0.811	1.16	0.37	0.398	1.06	0.213	0.648	0.684	0.64	0.731	1.41	0.416	0.565	0.869	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0084	<0.0096	<0.015	0.0043	<0.0037	0.012	<0.0043	<0.011	<0.010	<0.0071	<0.0092	<0.016	0.0063	0.0077	<0.013	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0042	<0.0046	<0.0042	<0.0031	<0.0033	<0.0065	<0.0039	<0.0051	<0.0039	<0.0046	<0.0035	<0.0034	<0.0038	<0.0044	<0.0053	**0.00066**
HexaCB-(156)+(157)	ng/g	0.00003	0.0808	0.0857	0.115	0.0306	0.0432	0.0976	0.0247	0.0653	0.0701	0.073	0.0801	0.145	0.0506	0.0677	0.0873	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.0281	0.0409	0.0453	<0.011	0.0154	0.04	0.0083	0.024	0.0267	0.0287	0.0319	0.0567	<0.020	0.0244	0.0385	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0032	<0.0065	<0.0069	<0.0039	<0.0034	<0.0054	<0.0029	<0.0048	<0.0046	<0.0050	<0.0032	<0.0054	<0.0040	<0.0068	<0.0058	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0053	<0.0081	<0.0077	<0.0056	<0.0063	<0.0068	<0.0067	<0.013	<0.013	<0.0093	<0.015	<0.0078	<0.011	<0.0072	<0.010	
Total Toxic Equivalence	ng/g		0.00055	0.00069	0.00068	0.00044	0.00045	0.00086	0.00049	0.00069	0.00056	0.00064	0.00048	0.00057	0.00052	0.00067	0.00075	
Moisture Content	%	-	81	81	83	82	80	78	79	83	81	80	82	80	80	81	80	
Lipid Content	%	-	0.6	0.9	0.6	0.4	0.8	0.5	0.3	0.7	0.7	0.4	0.9	0.5	0.7	1	0.5	

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-VIL-SOLE-01	19B-VIL-SOLE-04	19B-VIL-SOLE-06	19B-VIL-SOLE-07 + 10	19B-VIL-SOLE-08	19B-VIL-SOLE-09	19B-VIL-SOLE-11 +14	19B-VIL-SOLE-12	19B-VIL-SOLE-13	19B-VIL-SOLE-15 + 16	19B-VIL-SOLE-17	19B-VIL-SOLE-18 + 19	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	0.0024	0.0029	<0.0021	0.0031	0.0041	0.0035	0.0033	0.0037	0.002	0.0064	0.0047	<0.0032	0.0051	<0.0015	<0.0024	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0018	<0.0013	<0.0020	<0.0019	<0.0025	<0.0024	<0.0022	<0.0018	<0.00071	<0.0027	<0.0034	<0.0030	<0.0026	<0.0014	<0.0023	
233'44'-PentaCB-(105)	ng/g	0.00003	0.0834	0.0619	0.0078	0.0442	0.078	0.0579	0.0979	0.109	0.0599	0.111	0.113	0.0244	0.125	0.0083	0.0531	
2344'5-PentaCB-(114)	ng/g	0.00003	0.0053	0.00469	<0.0015	0.003	0.0061	0.0041	0.0075	0.0077	0.004	0.0084	0.007	<0.0028	0.0078	<0.0014	0.0036	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.252	0.178	0.0208	0.118	0.236	0.171	0.288	0.343	0.165	0.341	0.329	0.0594	0.367	0.0179	0.164	
23'44'5'-PentaCB-(123)	ng/g	0.00003	0.0034	0.0033	<0.0016	0.0029	0.0057	0.003	0.0054	0.006	0.00255	0.004	<0.0032	<0.0031	0.0039	<0.0015	0.0029	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0011	<0.00094	<0.0014	<0.0014	<0.0016	<0.0014	<0.0015	<0.0012	0.00054	<0.0026	<0.0022	<0.0027	<0.0019	<0.0013	<0.0020	**0.00029**
HexaCB-(156)+(157)	ng/g	0.00003	0.0312	0.0201	0.0024	0.0144	0.0287	0.022	0.0384	0.0398	0.0186	0.0382	0.039	0.0073	0.039	<0.0023	0.0197	
23'44'55'-HexaCB-(167)	ng/g	0.00003	0.013	0.0106	<0.0014	0.0062	0.0109	0.0081	0.0157	0.0179	0.00681	0.0163	0.0172	<0.0044	0.0155	<0.0022	0.0079	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0025	<0.0017	<0.0014	<0.0013	<0.0020	<0.0016	<0.0022	<0.0019	<0.00079	<0.0057	<0.0050	<0.0046	<0.0034	<0.0023	<0.0023	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0013	<0.0013	<0.0012	<0.0014	<0.0016	<0.0016	<0.0016	<0.0012	<0.00076	<0.0023	<0.0048	<0.0043	<0.0028	<0.0016	<0.0018	
Total Toxic Equivalence	ng/g		0.00020	0.00015	0.00018	0.00019	0.00023	0.00020	0.00023	0.00019	0.00009	0.00045	0.00039	0.00041	0.00031	0.00020	0.00028	
Moisture Content	%	-	86	81	80	80	82	81	80	83	81	85	83	80	81	79	87	
Lipid Content	%	-	1	0.9	0.4	1.2	0.4	0.6	1.1	0.6	0.8	0.4	0.6	0.5	0.5	0.6	0.2	

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-ARM-SOLE-01	19B-ARM-SOLE-02 +7	19B-ARM-SOLE-03 +15	19B-ARM-SOLE-05 +10	19B-ARM-SOLE-06 +14	19B-ARM-SOLE-08 + 09	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	19B-ARM-SOLE-13+23	19B-ARM-SOLE-17+25	19B-ARM-SOLE-18	19B-ARM-SOLE-22	19B-ARM-SOLE-24	19B-ARM-SOLE-26 +27	19B-ARM-SOLE-30	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.0001	<0.0024	<0.0017	<0.0017	<0.0019	<0.0019	<0.0012	<0.0013	<0.0014	<0.00093	<0.00091	<0.0011	<0.0011	<0.0016	<0.0010	<0.00066	
344'5-TetraCB-(81)	ng/g	0.0003	<0.0023	<0.0016	<0.0016	<0.0019	<0.0019	<0.0012	<0.0013	<0.0014	<0.00093	<0.00090	<0.0011	<0.0011	<0.0016	<0.0010	<0.00066	
233'44'-PentaCB-(105)	ng/g	0.00003	0.0192	0.0237	0.0165	0.0108	0.0088	0.022	0.037	0.0272	0.0157	0.0108	0.00916	0.0227	0.0137	0.0206	0.0045	
2344'5-PentaCB-(114)	ng/g	0.00003	<0.0014	<0.0020	<0.0024	<0.0012	<0.0014	<0.0013	0.0027	0.00222	0.00151	<0.00090	<0.00095	0.0017	<0.0011	<0.00084	<0.0010	
23'44'5-PentaCB-(118)	ng/g	0.00003	0.0527	0.0679	0.0445	0.0348	0.0293	0.074	0.119	0.0872	0.0499	0.0324	0.0281	0.0738	0.0407	0.0612	0.0145	
23'44'5'-PentaCB-(123)	ng/g	0.00003	<0.0015	<0.0021	<0.0026	<0.0013	<0.0015	0.0013	<0.0016	<0.0012	<0.00061	<0.00097	<0.0010	<0.0015	<0.0012	<0.00091	<0.0011	
33'44'5-PentaCB-(126)	ng/g	0.1	<0.0013	<0.0018	<0.0022	<0.0012	<0.0013	<0.00091	<0.0012	<0.00074	<0.00055	<0.00087	<0.00092	<0.0013	<0.0011	<0.00082	<0.0010	**0.00018**
HexaCB-(156)+(157)	ng/g	0.00003	0.0055	0.007	0.0051	0.0037	0.0028	0.0077	0.0144	0.0103	0.0066	0.00401	0.0037	0.0074	0.00448	0.007	0.0019	
23'44'55'-HexaCB-(167)	ng/g	0.00003	<0.0023	0.0033	0.0023	0.0015	<0.0012	0.0039	0.0069	0.00444	<0.0022	0.00201	<0.0013	0.0034	<0.0020	0.0036	<0.0010	
33'44'55'-HexaCB-(169)	ng/g	0.03	<0.0024	<0.0021	<0.0017	<0.0013	<0.0013	<0.0014	<0.0013	<0.00093	<0.0012	<0.00082	<0.0010	<0.0011	<0.00091	<0.0011	<0.0011	
233'44'55'-HeptaCB-(189)	ng/g	0.00003	<0.0021	<0.0026	<0.0023	<0.0013	<0.00088	<0.0022	<0.0010	<0.0014	<0.0018	<0.0019	<0.0013	<0.0014	<0.0012	<0.0012	<0.0018	
Total Toxic Equivalence	ng/g		0.00021	0.00025	0.00027	0.00016	0.00017	0.00014	0.00017	0.00011	0.00009	0.00011	0.00012	0.00017	0.00014	0.00012	0.00013	
Moisture Content	%	-	82	82	81	83	83	81	82	81	83	83	82	85	83	81	82	
Lipid Content	%	-	0.9	0.6	0.7	0.4	0.6	1.1	1.1	1.4	0.6	0.7	0.9	0.7	0.6	0.9	0.6	

ND = Essentially non-detectable. More than 70% of results are below the detection limit.

PCDD/F Concentrations in Crab Meat (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-LNG-CRAB-01	19B-LNG-CRAB-02	19B-LNG-CRAB-03	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	19B-LNG-CRAB-07	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	19B-LNG-CRAB-11	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	19B-LNG-CRAB-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.112	<0.117	<0.110	<0.110	<0.116	<0.114	<0.102	<0.110	<0.120	<0.115	<0.104	<0.111	<0.110	<0.107	<0.100	
1,2,3,7,8-Penta CDD	pg/g	1	<0.110	<0.109	<0.115	<0.118	<0.156	<0.146	<0.133	<0.118	<0.115	<0.135	<0.159	<0.151	<0.117	<0.110	<0.111	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.111	<0.113	<0.118	<0.118	<0.118	<0.112	<0.111	<0.112	<0.107	<0.108	<0.115	<0.113	<0.137	<0.115	<0.114	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.106	<0.108	<0.113	<0.113	<0.114	<0.107	<0.107	<0.132	<0.103	<0.104	<0.111	<0.108	<0.131	<0.110	<0.109	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.109	<0.112	<0.117	<0.116	<0.117	<0.110	<0.110	<0.110	<0.106	<0.107	<0.114	<0.111	<0.135	<0.113	<0.112	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.295	<0.284	<0.299	0.385	<0.372	<0.311	0.249	1.10	0.269	<0.364	<0.227	0.225	0.523	0.315	1.29	
Octa CDD	pg/g	0.0003	<0.756	<1.01	0.773	0.716	<0.618	<0.791	0.686	7.16	0.788	1.25	<0.466	0.681	0.994	<0.619	8.53	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.111	<0.115	<0.119	<0.113	<0.108	<0.107	<0.109	0.139	<0.100	0.137	<0.117	<0.114	<0.106	<0.100	<0.113	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.107	<0.119	<0.122	<0.118	<0.117	<0.112	<0.112	<0.112	<0.119	<0.114	<0.118	<0.114	<0.120	<0.120	<0.123	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0994	<0.110	<0.113	<0.109	<0.109	<0.104	<0.104	<0.104	<0.111	<0.105	<0.110	<0.106	<0.111	<0.111	<0.114	**ND (0.381)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.103	<0.109	<0.119	<0.110	<0.113	<0.118	<0.118	<0.104	<0.120	<0.102	<0.116	<0.112	<0.115	<0.110	<0.118	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.103	<0.109	<0.119	<0.110	<0.113	<0.118	<0.118	<0.104	<0.120	<0.102	<0.116	<0.112	<0.115	<0.110	<0.118	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0974	<0.103	<0.113	<0.103	<0.107	<0.111	<0.112	<0.0981	<0.113	<0.0958	<0.109	<0.106	<0.109	<0.104	<0.111	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.105	<0.111	<0.121	<0.111	<0.115	<0.120	<0.120	<0.105	<0.122	<0.103	<0.118	<0.114	<0.117	<0.112	<0.119	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.281	<0.232	0.316	0.304	<0.236	0.306	0.227	0.711	0.214	0.271	<0.197	0.340	0.205	0.227	0.743	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0973	<0.105	<0.108	<0.103	<0.107	<0.113	<0.108	<0.101	<0.114	<0.105	<0.105	<0.109	<0.104	<0.106	<0.110	
Octa CDF	pg/g	0.0003	0.301	<0.270	0.346	0.314	<0.278	<0.329	0.248	2.60	<0.237	0.324	0.287	0.297	0.237	<0.208	1.53	
Total Toxic Equivalence	pg/g TEQ	-	0.347	0.357	0.364	0.362	0.406	0.392	0.366	0.375	0.367	0.379	0.397	0.393	0.369	0.348	0.365	
Moisture Content	%	-	86	86	83	86	79	82	84	80	79	80	85	87	85	88	86	
Lipid Content	%	-	0.2	0.4	0.5	0.4	0.6	0.7	0.1	0.6	0.4	0.6	0.2	0.2	0.3	0.1	0.1	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-VIL-CRAB21	19B-VIL-CRAB-27	19B-VIL-CRAB-28	19B-VIL-CRAB-51	19B-VIL-CRAB-40	19B-VIL-CRAB-41	19B-VIL-CRAB-42	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	19B-VIL-CRAB-46	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	19B-VIL-CRAB-50	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.111	<0.100	<0.113	<0.108	<0.111	<0.105	<0.102	<0.113	<0.111	<0.118	<0.114	<0.115	<0.104	<0.109	<0.102	
1,2,3,7,8-Penta CDD	pg/g	1	<0.117	<0.110	0.116	<0.117	<0.110	<0.116	<0.118	<0.103	<0.106	<0.109	<0.119	<0.114	<0.112	<0.114	<0.119	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.115	<0.107	<0.118	<0.106	<0.110	<0.119	<0.114	<0.106	<0.114	<0.105	<0.120	<0.117	<0.113	<0.111	<0.105	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.110	<0.103	0.205	<0.102	<0.106	<0.114	<0.110	<0.102	<0.110	0.292	<0.115	<0.112	<0.108	<0.106	<0.101	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.114	<0.106	<0.116	<0.105	<0.109	<0.118	<0.113	<0.105	<0.113	<0.103	<0.119	<0.116	<0.111	<0.109	<0.104	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.388	0.300	<0.270	<0.318	0.407	0.230	<0.105	<0.118	<0.112	0.137	0.820	<0.110	<0.171	<0.116	0.171	
Octa CDD	pg/g	0.0003	0.725	0.629	0.647	<0.740	0.922	0.714	<0.210	0.306	<0.282	<0.349	5.44	0.204	0.654	0.288	0.617	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.100	0.216	<0.173	<0.110	0.109	<0.102	<0.100	<0.109	0.126	0.218	<0.115	<0.110	<0.117	<0.113	<0.108	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.116	<0.117	<0.116	<0.108	<0.114	<0.106	<0.112	<0.117	<0.116	<0.115	<0.108	<0.116	<0.114	<0.116	<0.121	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.108	<0.109	<0.108	<0.101	<0.106	<0.0986	<0.104	<0.109	<0.108	<0.107	<0.100	<0.108	<0.106	<0.108	<0.112	**ND (0.361)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.115	<0.109	<0.110	<0.106	<0.107	<0.115	<0.109	<0.116	<0.116	<0.120	<0.117	<0.110	<0.109	<0.104	<0.112	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.115	<0.109	<0.110	<0.106	<0.107	<0.115	<0.109	<0.116	<0.116	<0.120	<0.117	<0.110	<0.109	<0.104	<0.112	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.109	<0.103	<0.104	<0.100	<0.101	<0.108	<0.103	<0.110	<0.110	<0.113	<0.111	<0.103	<0.103	<0.0978	<0.106	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.117	<0.111	<0.111	<0.108	<0.109	<0.117	<0.111	<0.118	<0.118	<0.122	<0.119	<0.111	<0.110	<0.105	<0.114	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.238	0.193	0.253	0.287	0.341	<0.106	<0.118	<0.124	<0.121	<0.115	<0.116	<0.120	<0.118	<0.107	<0.116	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.110	<0.113	<0.0958	<0.112	<0.0973	<0.0983	<0.109	<0.114	<0.111	<0.106	<0.107	<0.111	<0.109	<0.0987	<0.107	
Octa CDF	pg/g	0.0003	0.350	0.235	0.232	0.344	0.345	<0.110	<0.115	<0.117	0.136	<0.281	<0.269	<0.115	<0.183	<0.118	0.213	
Total Toxic Equivalence	pg/g TEQ	-	0.361	0.349	0.376	0.350	0.351	0.349	0.345	0.344	0.349	0.386	0.372	0.357	0.343	0.347	0.349	
Moisture Content	%	-	93	82	81	80	82	88	80	78	83	80	78	80	81	87	85	
Lipid Content	%	-	0.7	0.2	0.5	0.6	0.6	0.7	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.3	0.2	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Crab Meat (First Post-Dredge, August 2019)

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	19B-ARM-CRAB-01	19B-ARM-CRAB-02	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	19B-ARM-CRAB-09	19B-ARM-CRAB-10	19B-ARM-CRAB-11	19B-ARM-CRAB-12	19B-ARM-CRAB-13	19B-ARM-CRAB-14	19B-ARM-CRAB-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.113	<0.109	<0.110	<0.105	<0.114	<0.116	<0.115	<0.109	<0.114	<0.102	<0.102	<0.102	<0.110	<0.111	<0.111	
1,2,3,7,8-Penta CDD	pg/g	1	<0.103	<0.115	<0.110	<0.118	<0.118	<0.111	<0.109	<0.115	<0.114	<0.106	<0.111	<0.111	<0.105	<0.114	0.226	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.108	<0.107	<0.118	<0.111	<0.112	<0.106	<0.119	<0.111	<0.107	<0.113	<0.114	<0.103	<0.111	<0.115	0.223	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.103	<0.102	<0.113	<0.106	<0.107	<0.102	<0.114	<0.107	<0.103	<0.108	<0.109	<0.0989	<0.106	<0.111	<0.202	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.106	<0.105	<0.117	<0.110	<0.110	<0.105	<0.118	<0.110	<0.106	<0.111	<0.112	<0.102	<0.109	<0.114	0.180	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.116	0.238	<0.117	<0.115	<0.102	<0.115	<0.115	<0.108	<0.117	<0.102	0.202	<0.116	<0.109	0.222	<0.167	
Octa CDD	pg/g	0.0003	<0.109	0.803	0.193	<0.157	<0.272	0.153	0.330	0.332	0.241	0.160	<1.23	<0.131	<0.144	0.751	0.458	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.105	0.176	<0.109	0.205	<0.108	<0.103	<0.114	<0.110	<0.110	<0.106	<0.107	<0.104	<0.112	<0.106	0.111	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.0926	<0.122	<0.103	<0.105	<0.109	<0.0973	<0.0812	<0.123	<0.110	<0.113	<0.115	<0.112	<0.116	<0.117	0.208	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0860	<0.113	<0.0953	<0.0976	<0.101	<0.0903	<0.0753	<0.114	<0.102	<0.105	<0.107	<0.104	<0.108	<0.109	0.232	**ND (0.390)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.109	<0.109	<0.103	<0.102	<0.107	<0.111	<0.106	<0.117	<0.105	<0.105	<0.115	<0.113	<0.109	<0.111	0.229	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.109	<0.109	<0.103	<0.102	<0.107	<0.111	<0.106	<0.117	<0.105	<0.105	<0.115	<0.113	<0.109	<0.111	0.274	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.103	<0.103	<0.0970	<0.0967	<0.101	<0.105	<0.100	<0.111	<0.0989	<0.0987	<0.108	<0.107	<0.103	<0.105	0.215	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.110	<0.111	<0.104	<0.104	<0.108	<0.113	<0.108	<0.119	<0.106	<0.106	<0.116	<0.115	<0.110	<0.113	0.231	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0864	0.137	<0.121	<0.110	<0.123	<0.110	<0.119	<0.117	<0.113	<0.121	<0.122	<0.124	<0.0924	<0.119	0.191	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0799	<0.112	<0.112	<0.102	<0.113	<0.102	<0.110	<0.108	<0.105	<0.112	<0.113	<0.114	<0.0854	<0.110	<0.155	
Octa CDF	pg/g	0.0003	<0.105	0.284	<0.118	<0.119	<0.113	<0.0984	<0.122	<0.113	<0.106	<0.118	<0.114	<0.129	<0.152	<0.209	0.286	
Total Toxic Equivalence	pg/g TEQ	-	0.333	0.359	0.342	0.352	0.355	0.346	0.341	0.356	0.349	0.332	0.343	0.337	0.341	0.355	0.585	
Moisture Content	%	-	86	80	80	84	83	80	82	84	79	81	82	82	85	80	81	
Lipid Content	%	-	0.4	0.6	0.9	0.5	0.5	0.6	0.4	0.5	0.6	0.7	0.5	0.6	0.6	0.7	0.6	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Crab Hepatopancreas (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-LNG-HEP-31	19B-LNG-HEP-32	19B-LNG-HEP-33	19B-LNG-HEP-34	19B-LNG-HEP-35	19B-LNG-HEP-36	19B-LNG-HEP-37	19B-LNG-HEP-38	19B-LNG-HEP-39	19B-LNG-HEP-40	19B-LNG-HEP-41	19B-LNG-HEP-42	19B-LNG-HEP-43	19B-LNG-HEP-44	19B-LNG-HEP-45	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.117	0.445	<0.158	<0.152	<0.0892	0.219	<0.164	<0.103	<0.135	<0.151	<0.0843	<0.0882	<0.0992	<0.0829	<0.0903	
1,2,3,7,8-Penta CDD	pg/g	1	<0.129	0.261	<0.111	<0.156	<0.124	<0.107	0.390	0.299	0.193	<0.690	0.393	0.127	0.401	0.185	<0.250	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.115	<0.127	<0.178	<0.149	<0.0756	0.269	<0.191	<0.121	<0.119	<0.123	<0.184	<0.143	<0.110	<0.0923	<0.125	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.382	0.574	0.296	0.499	0.276	<0.190	0.816	0.461	0.366	1.49	0.713	<0.142	<0.577	0.275	0.450	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.127	<0.140	<0.190	<0.158	<0.0785	<0.198	<0.203	0.231	<0.124	0.333	<0.191	<0.148	0.185	<0.0958	<0.129	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.318	1.63	<0.160	<1.13	1.68	0.342	1.12	0.698	<0.308	1.29	0.835	<0.362	<1.63	0.221	<0.767	
Octa CDD	pg/g	0.0003	<0.825	1.79	<0.303	0.909	9.63	<0.289	<3.24	0.938	0.798	2.10	2.73	1.39	3.06	0.411	1.44	
2,3,7,8-Tetra CDF	pg/g	0.1	0.342	1.13	0.398	1.37	0.409	0.474	0.662	1.45	0.616	2.40	0.639	0.813	1.65	0.791	0.824	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.141	<0.126	<0.114	<0.161	<0.161	<0.121	<0.194	<0.0982	<0.102	<0.165	<0.152	<0.120	<0.244	<0.0940	<0.0930	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.132	0.149	<0.106	<0.150	<0.0873	<0.113	<0.181	0.197	<0.0943	0.399	<0.141	<0.111	0.227	<0.0873	<0.0864	**ND (0.821)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.122	<0.126	<0.186	<0.187	<0.114	<0.159	<0.191	<0.120	<0.129	<0.101	<0.111	<0.107	<0.117	<0.110	<0.0853	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.125	<0.129	<0.191	<0.193	<0.114	<0.158	<0.197	<0.119	<0.128	<0.101	<0.110	<0.107	<0.116	<0.109	<0.0851	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.116	<0.119	<0.176	<0.178	<0.107	<0.148	<0.182	<0.112	<0.120	<0.0945	<0.103	<0.0998	<0.109	<0.102	<0.0796	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.125	<0.129	<0.191	<0.193	<0.114	<0.159	<0.197	<0.120	<0.129	<0.101	<0.111	<0.107	<0.117	<0.110	<0.0854	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.139	<0.134	<0.184	<0.232	<0.170	<0.199	<0.259	<0.180	<0.119	0.231	<0.115	<0.148	0.230	<0.111	<0.137	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.138	<0.134	<0.183	<0.230	<0.165	<0.194	<0.258	<0.176	<0.116	<0.113	<0.0911	<0.144	<0.0907	<0.108	<0.134	
Octa CDF	pg/g	0.0003	<0.213	0.391	<0.186	<0.251	0.356	<0.234	<0.321	<0.143	<0.168	<0.188	<0.238	<0.165	<0.263	<0.218	<0.153	
Total Toxic Equivalence	pg/g TEQ	-	0.441	1.05	0.490	0.674	0.396	0.547	0.895	0.752	0.538	1.45	0.752	0.426	0.895	0.470	0.566	
Moisture Content	%	-	86	70	83	79	85	88	85	84	83	79	89	83	75	87	80	
Lipid Content	%	-	9.2	15	3.7	8	3.6	1.9	3.8	4.6	2	8.1	3.8	3.1	2.3	3.3	3	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-VIL-HEP-31	19B-VIL-HEP-32	19B-VIL-HEP-33	19B-VIL-HEP-34	19B-VIL-HEP-35	19B-VIL-HEP-36	19B-VIL-HEP-37	19B-VIL-HEP-38	19B-VIL-HEP-39	19B-VIL-HEP-40	19B-VIL-HEP-41	19B-VIL-HEP-42	19B-VIL-HEP-43	19B-VIL-HEP-44	19B-VIL-HEP-45	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.184	<0.110	<0.140	<0.117	<0.107	<0.116	<0.154	<0.141	<0.180	<0.131	<0.145	<0.145	<0.140	<0.136	<0.120	
1,2,3,7,8-Penta CDD	pg/g	1	<0.118	<0.353	0.460	<0.109	0.166	0.296	<0.275	<0.149	0.773	<0.194	0.374	0.233	0.769	0.302	0.152	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.136	<0.159	<0.142	<0.114	<0.146	<0.136	<0.155	<0.142	<0.133	<0.140	<0.157	<0.134	<0.127	<0.141	<0.115	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.594	0.871	0.674	0.195	0.501	0.443	0.588	0.262	1.45	0.380	0.852	0.471	1.47	1.05	0.485	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.144	<0.169	0.241	<0.118	<0.152	0.208	0.231	<0.147	0.352	<0.145	0.410	0.162	0.232	0.215	<0.120	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.526	0.628	0.347	<0.142	0.948	1.03	1.30	0.211	3.07	0.166	2.92	<0.397	1.93	0.469	<0.122	
Octa CDD	pg/g	0.0003	0.327	0.393	0.238	0.162	0.343	0.659	1.21	<0.163	1.37	0.174	2.15	<0.462	1.71	1.77	0.215	
2,3,7,8-Tetra CDF	pg/g	0.1	0.517	1.14	1.24	0.752	1.11	1.37	0.813	0.370	4.94	0.770	1.03	0.833	1.59	1.34	0.464	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.140	<0.197	<0.144	<0.138	<0.142	<0.118	<0.280	<0.160	0.233	<0.176	<0.175	<0.149	<0.212	<0.148	<0.120	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.131	<0.185	0.205	<0.128	0.155	0.171	<0.154	<0.149	0.369	<0.163	<0.163	0.157	0.274	0.196	<0.111	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.147	<0.178	<0.142	<0.114	<0.135	<0.118	<0.135	<0.146	<0.151	<0.126	<0.157	<0.134	<0.129	<0.110	<0.116	**1.00**
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.152	<0.184	<0.142	<0.113	<0.135	<0.118	<0.135	<0.145	<0.151	<0.126	<0.157	<0.134	<0.129	<0.110	<0.116	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.140	<0.169	<0.133	<0.106	<0.126	<0.110	<0.126	<0.136	<0.141	<0.118	<0.147	<0.125	<0.121	<0.103	<0.109	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.152	<0.183	<0.143	<0.114	<0.135	<0.118	<0.136	<0.146	<0.151	<0.126	<0.157	<0.134	<0.129	<0.110	<0.116	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.152	<0.132	<0.112	<0.103	<0.133	<0.124	<0.162	<0.134	0.221	<0.106	<0.112	<0.144	<0.198	<0.109	<0.117	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.151	<0.131	<0.108	<0.101	<0.133	<0.121	<0.157	<0.130	<0.108	<0.104	<0.114	<0.140	<0.142	<0.142	<0.114	
Octa CDF	pg/g	0.0003	<0.144	<0.112	<0.113	<0.158	<0.106	<0.110	<0.144	<0.124	<0.160	<0.114	0.178	<0.134	0.163	<0.149	<0.102	
Total Toxic Equivalence	pg/g TEQ	-	0.552	0.839	0.993	0.435	0.602	0.762	0.732	0.494	1.93	0.576	0.967	0.649	1.42	0.864	0.477	
Moisture Content	%	-	81	82	81	84	83	73	77	88	68	82	63	84	70	81	83	
Lipid Content	%	-	4.6	4.5	5.4	1.4	5.2	12	12	1.5	17	2.9	18	4.7	14	4.2	1.1	

PCDD/F Concentrations in Crab Hepatopancreas (First Post-Dredge, August 2019)

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	TEF	19B-ARM-HEP-31	19B-ARM-HEP-32	19B-ARM-HEP-33	19B-ARM-HEP-34	19B-ARM-HEP-35	19B-ARM-HEP-36	19B-ARM-HEP-37	19B-ARM-HEP-38	19B-ARM-HEP-39	19B-ARM-HEP-40	19B-ARM-HEP-41	19B-ARM-HEP-42	19B-ARM-HEP-43	19B-ARM-HEP-44	19B-ARM-HEP-45	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.103	<0.112	<0.118	<0.130	<0.105	<0.115	<0.110	<0.108	<0.186	<0.115	<0.101	<0.115	<0.118	<0.113	<0.118	
1,2,3,7,8-Penta CDD	pg/g	1	0.363	<0.331	0.650	<0.416	0.423	<0.184	<0.184	0.417	3.02	<0.112	0.293	<0.198	0.497	<0.123	<0.500	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.104	<0.108	0.165	0.134	<0.108	<0.110	<0.108	<0.104	0.409	<0.103	<0.114	<0.118	<0.111	<0.120	<0.111	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.519	0.309	1.03	0.490	0.488	<0.291	0.251	0.867	5.64	<0.0991	0.374	0.219	0.672	0.268	0.873	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	0.138	<0.106	<0.282	<0.177	<0.107	<0.108	<0.107	0.140	0.926	<0.102	<0.113	<0.117	0.185	<0.119	0.163	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.142	0.140	0.239	0.659	0.129	<0.118	<0.142	0.214	0.506	<0.104	0.309	0.249	0.231	0.234	<0.170	
Octa CDD	pg/g	0.0003	0.274	0.225	0.980	2.18	0.161	0.150	0.257	0.233	0.670	<0.157	1.26	0.520	0.316	1.12	0.134	
2,3,7,8-Tetra CDF	pg/g	0.1	1.07	1.06	1.35	2.22	1.42	0.849	0.780	1.14	3.51	0.521	0.851	0.873	1.67	0.544	1.45	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.111	0.150	<0.141	0.786	0.157	<0.106	0.133	<0.179	0.301	<0.109	<0.141	<0.149	0.143	<0.112	0.211	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.188	0.189	0.318	0.643	0.293	0.132	0.153	0.210	0.954	<0.101	0.170	<0.177	0.258	<0.104	0.278	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	0.108	<0.113	0.197	0.729	<0.101	<0.103	<0.112	<0.120	0.466	<0.116	<0.118	0.141	0.125	<0.117	<0.116	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.101	<0.113	<0.109	0.609	<0.101	<0.103	<0.112	<0.120	<0.116	<0.116	<0.118	<0.109	<0.109	<0.117	<0.116	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0951	<0.107	<0.103	0.333	<0.0955	<0.0969	<0.106	<0.113	0.312	<0.109	<0.112	<0.103	<0.103	<0.110	<0.110	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.102	<0.115	<0.111	<0.140	<0.103	<0.104	<0.114	<0.122	<0.117	<0.117	<0.120	<0.111	<0.110	<0.118	<0.118	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.109	<0.119	0.153	1.27	<0.107	<0.119	<0.120	<0.120	0.219	<0.107	0.166	0.114	<0.122	0.117	<0.112	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.101	<0.110	<0.112	0.227	<0.0992	<0.110	<0.111	<0.111	<0.106	<0.0987	<0.104	<0.103	<0.113	<0.0971	<0.104	
Octa CDF	pg/g	0.0003	0.122	<0.106	<0.115	1.25	<0.116	<0.115	<0.103	<0.117	0.175	<0.113	0.382	0.266	<0.0999	<0.311	<0.0971	
Total Toxic Equivalence	pg/g TEQ	-	0.756	0.720	1.20	1.24	0.885	0.522	0.517	0.877	4.65	0.392	0.648	0.555	1.03	0.427	1.04	
Moisture Content	%	-	69	73	74	63	73	64	68	69	65	80	72	70	63	67	74	
Lipid Content	%	-	14	13	9.6	17	10	18	17	14	22	5	10	11	24	11	11	

1.395

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Sole Meat (First Post-Dredge, August 2019)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-LNG-SOLE-01	19B-LNG-SOLE-02	19B-LNG-SOLE-03	19B-LNG-SOLE-04	19B-LNG-SOLE-05	19B-LNG-SOLE-06	19B-LNG-SOLE-07	19B-LNG-SOLE-08	19B-LNG-SOLE-09	19B-LNG-SOLE-10	19B-LNG-SOLE-11	19B-LNG-SOLE-12	19B-LNG-SOLE-13	19B-LNG-SOLE-14	19B-LNG-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.106	<0.114	<0.113	<0.111	<0.119	<0.105	<0.115	<0.115	<0.108	<0.109	<0.116	<0.114	<0.113	<0.111	<0.111	
1,2,3,7,8-Penta CDD	pg/g	1	<0.104	<0.220	<0.198	<0.192	<0.208	<0.177	<0.116	<0.193	<0.145	<0.202	<0.216	<0.118	<0.200	<0.275	<0.267	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.111	<0.115	<0.121	<0.108	<0.113	<0.134	<0.119	<0.131	<0.172	<0.143	<0.153	<0.119	<0.111	<0.134	<0.179	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.106	<0.110	<0.116	<0.103	<0.108	<0.128	<0.114	<0.126	<0.165	<0.138	<0.147	<0.114	<0.106	<0.129	<0.172	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.109	<0.113	<0.119	<0.106	<0.112	<0.132	<0.117	<0.130	<0.170	<0.142	<0.151	<0.117	<0.109	<0.132	<0.177	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.110	<0.105	<0.107	<0.117	0.139	<0.110	<0.121	<0.114	<0.112	<0.110	<0.113	<0.119	<0.202	<0.119	<0.118	
Octa CDD	pg/g	0.0003	<0.112	<0.163	<0.216	<0.224	0.408	<0.157	<0.143	<0.133	<0.205	<0.183	<0.236	<0.139	<0.202	0.396	0.299	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.117	<0.119	0.177	<0.109	<0.103	<0.106	<0.118	<0.117	<0.110	<0.110	<0.107	0.135	<0.108	<0.116	<0.105	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.105	<0.111	<0.121	<0.110	<0.120	<0.117	<0.112	<0.115	<0.117	<0.117	<0.115	<0.121	<0.118	<0.112	<0.118	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0977	<0.103	<0.112	<0.102	<0.111	<0.109	<0.104	<0.106	<0.109	<0.109	<0.107	<0.112	<0.109	<0.104	<0.109	**ND (0.460)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.106	<0.109	<0.114	<0.120	<0.131	<0.119	<0.106	<0.117	<0.108	<0.108	<0.113	<0.113	<0.114	<0.123	<0.113	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.106	<0.109	<0.114	<0.120	<0.131	<0.119	<0.106	<0.117	<0.108	<0.108	<0.113	<0.113	<0.114	<0.123	<0.113	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.100	<0.103	<0.108	<0.113	<0.124	<0.113	<0.0996	<0.110	<0.102	<0.102	<0.107	<0.107	<0.108	<0.116	<0.107	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.108	<0.110	<0.116	<0.122	<0.133	<0.121	<0.107	<0.119	<0.110	<0.109	<0.115	<0.115	<0.116	<0.125	<0.115	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0987	<0.109	<0.113	<0.120	<0.112	<0.140	<0.121	<0.119	<0.144	<0.107	<0.117	<0.112	<0.110	<0.123	<0.119	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0912	<0.101	<0.104	<0.111	<0.103	<0.129	<0.112	<0.110	<0.133	<0.0991	<0.108	<0.103	<0.101	<0.114	<0.110	
Octa CDF	pg/g	0.0003	<0.108	<0.131	<0.130	<0.117	<0.138	<0.141	<0.146	0.114	<0.127	<0.144	0.143	<0.121	<0.130	<0.149	<0.133	
Total Toxic Equivalence	pg/g TEQ	-	0.332	0.460	0.450	0.431	0.463	0.419	0.358	0.443	0.398	0.446	0.472	0.366	0.442	0.524	0.526	
Moisture Content	%	-	81	81	83	82	80	78	79	83	81	80	82	80	80	81	80	
Lipid Content	%	-	0.6	0.9	0.6	0.4	0.8	0.5	0.3	0.7	0.7	0.4	0.9	0.5	0.7	1	0.5	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Kitamaat Village - Sole Meat

PARAMETER	UNITS	TEF	19B-VIL-SOLE-01	19B-VIL-SOLE-04	19B-VIL-SOLE-06	19B-VIL-SOLE-07 +	19B-VIL-SOLE-08	19B-VIL-SOLE-09	19B-VIL-SOLE-11	19B-VIL-SOLE-12	19B-VIL-SOLE-13	19B-VIL-SOLE-15 +	19B-VIL-SOLE-17	19B-VIL-SOLE-18 +	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.119	<0.113	<0.113	<0.124	<0.113	<0.113	<0.104	<0.107	<0.109	<0.113	<0.176	<0.113	<0.116	<0.107	<0.111	
1,2,3,7,8-Penta CDD	pg/g	1	<0.181	<0.213	<0.244	<0.310	<0.115	<0.114	<0.113	<0.114	<0.132	<0.105	<0.237	<0.119	<0.114	<0.119	<0.115	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.111	<0.107	<0.118	<0.113	<0.113	<0.108	<0.109	<0.104	<0.105	<0.119	<0.110	<0.105	<0.104	<0.111	<0.108	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.107	<0.103	<0.113	<0.108	<0.109	<0.104	<0.105	<0.0993	<0.101	<0.114	<0.105	<0.101	<0.100	<0.107	<0.104	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.110	<0.106	<0.117	<0.112	<0.112	<0.107	<0.108	<0.102	<0.104	<0.117	<0.108	<0.104	<0.103	<0.110	<0.107	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.107	<0.112	<0.104	<0.110	0.135	<0.117	<0.100	<0.103	<0.109	<0.118	<0.109	<0.111	<0.110	<0.111	<0.107	
Octa CDD	pg/g	0.0003	<0.163	<0.158	<0.163	<0.132	0.427	<0.120	<0.105	0.559	<0.101	<0.110	<0.132	<0.124	0.160	0.151	<0.111	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.113	<0.114	<0.116	<0.110	0.271	<0.107	<0.108	<0.111	<0.115	<0.115	<0.106	<0.106	<0.128	0.600	<0.113	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.116	<0.122	<0.189	<0.152	<0.122	<0.122	<0.101	<0.110	<0.118	<0.0856	<0.104	<0.0923	<0.109	<0.117	<0.111	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.108	<0.114	<0.175	<0.141	<0.113	<0.113	<0.0935	<0.102	<0.110	<0.0795	<0.0967	<0.0856	<0.101	<0.109	<0.103	**ND (0.440)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.110	<0.110	<0.120	<0.112	<0.108	<0.111	<0.0912	<0.107	<0.105	<0.109	<0.103	<0.117	<0.104	<0.120	<0.103	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.110	<0.110	<0.120	<0.112	<0.108	<0.111	<0.0912	<0.107	<0.105	<0.109	<0.103	<0.117	<0.104	<0.120	<0.103	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.104	<0.104	<0.113	<0.106	<0.102	<0.104	<0.0860	<0.101	<0.0993	<0.103	<0.0974	<0.110	<0.0977	<0.114	<0.0970	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.112	<0.112	<0.122	<0.114	<0.110	<0.112	<0.0925	<0.109	<0.107	<0.111	<0.105	<0.119	0.114	<0.122	<0.104	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.116	<0.112	<0.118	<0.123	<0.158	<0.106	<0.0940	<0.120	<0.120	<0.111	<0.108	<0.117	<0.111	<0.109	<0.0981	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.107	<0.103	<0.109	<0.113	<0.104	<0.0982	<0.0868	<0.111	<0.111	<0.102	<0.0997	<0.108	<0.103	<0.100	<0.0906	
Octa CDF	pg/g	0.0003	0.245	<0.178	<0.171	<0.128	<0.111	<0.112	<0.0803	0.144	<0.114	<0.118	<0.102	<0.109	0.122	<0.108	<0.108	
Total Toxic Equivalence	pg/g TEQ	-	0.427	0.454	0.512	0.573	0.373	0.354	0.330	0.342	0.365	0.338	0.532	0.352	0.352	0.406	0.347	
Moisture Content	%	-	86	81	80	80	82	81	80	83	81	85	83	80	81	79	87	
Lipid Content	%	-	1	0.9	0.4	1.2	0.4	0.6	1.1	0.6	0.8	0.4	0.6	0.5	0.5	0.6	0.2	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

PCDD/F Concentrations in Sole Meat (First Post-Dredge, August 2019)

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	TEF	19B-ARM-SOLE-01	19B-ARM-SOLE-02 +7	19B-ARM-SOLE-03	19B-ARM-SOLE-05	19B-ARM-SOLE-06	19B-ARM-SOLE-08 +	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	19B-ARM-SOLE-13+23	19B-ARM-SOLE-17+25	19B-ARM-SOLE-18	19B-ARM-SOLE-22	19B-ARM-SOLE-24	19B-ARM-SOLE-26	19B-ARM-SOLE-30	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.102	<0.107	<0.118	<0.118	<0.108	<0.187	<0.104	<0.115	<0.149	<0.103	<0.144	0.239	<0.105	<0.117	<0.111	
1,2,3,7,8-Penta CDD	pg/g	1	<0.110	<0.112	<0.102	<0.110	<0.112	0.453	<0.111	<0.141	<0.125	<0.118	<0.207	<0.140	<0.221	<0.177	<0.106	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.112	<0.120	<0.108	<0.110	<0.115	<0.386	<0.105	<0.118	<0.118	<0.112	<0.201	<0.116	<0.119	<0.116	<0.104	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.107	<0.115	<0.104	<0.105	<0.110	0.439	<0.100	<0.113	<0.113	<0.107	<0.193	<0.111	<0.114	<0.112	<0.101	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.110	<0.118	<0.107	<0.108	<0.113	<0.372	<0.103	<0.116	<0.117	<0.110	<0.198	0.207	<0.118	<0.115	<0.102	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.115	<0.108	<0.113	<0.103	<0.112	0.439	<0.212	<0.115	0.444	<0.120	0.304	0.323	0.204	<0.145	<0.105	
Octa CDD	pg/g	0.0003	<0.178	<0.113	<0.102	<0.109	<0.114	1.13	2.01	1.60	3.84	0.937	1.34	0.640	0.499	<0.418	0.206	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.105	0.176	0.163	<0.206	<0.111	<0.203	<0.105	<0.110	<0.118	<0.108	0.174	0.173	<0.112	<0.116	<0.102	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.112	<0.121	<0.103	<0.105	<0.0816	<0.529	<0.112	<0.111	<0.123	<0.121	<0.153	<0.105	<0.155	<0.114	<0.122	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.104	<0.113	<0.0956	<0.0979	<0.0757	0.516	<0.104	<0.103	<0.114	<0.112	<0.142	<0.139	<0.144	<0.106	<0.114	**ND (0.545)**
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.111	<0.115	<0.106	<0.108	<0.117	<0.441	<0.102	<0.106	<0.117	<0.109	<0.153	0.219	0.144	<0.114	<0.117	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.111	<0.115	<0.106	<0.108	<0.117	0.584	<0.102	<0.106	<0.117	<0.109	0.173	<0.132	<0.115	<0.114	<0.115	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.105	<0.109	<0.0999	<0.102	<0.111	0.512	<0.0966	<0.0998	<0.111	<0.103	<0.102	<0.184	<0.108	<0.108	<0.111	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.113	<0.117	<0.107	<0.109	<0.119	0.561	<0.104	<0.107	<0.119	<0.110	<0.144	<0.123	0.127	<0.116	<0.112	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.117	<0.105	<0.107	<0.0835	<0.121	<0.497	<0.120	<0.108	<0.122	<0.115	0.290	<0.151	0.196	<0.106	<0.107	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.108	<0.0973	<0.0985	<0.0771	<0.112	<0.400	<0.111	<0.0995	<0.113	<0.107	<0.110	<0.167	<0.123	<0.0977	<0.105	
Octa CDF	pg/g	0.0003	0.124	<0.117	<0.106	<0.105	<0.102	0.853	<0.113	0.122	0.162	<0.155	<0.483	0.533	<0.177	<0.111	0.189	
Total Toxic Equivalence	pg/g TEQ	-	0.337	0.358	0.345	0.359	0.340	1.17	0.336	0.382	0.413	0.349	0.540	0.557	0.475	0.424	0.345	
Moisture Content	%	-	82	82	81	83	83	81	82	81	83	83	82	85	83	81	82	
Lipid Content	%	-	0.9	0.6	0.7	0.4	0.6	1.1	1.1	1.4	0.6	0.7	0.9	0.7	0.6	0.9	0.6	

ND = Essentially non-detectable. More than 70% of the results are below the detection limit.

Metal Concentrations in Crab Meat (Post-dredge, August 2019)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	19B-LNG-CRAB-01	19B-LNG-CRAB-02	19B-LNG-CRAB-03	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	19B-LNG-CRAB-07	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	19B-LNG-CRAB-11	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	19B-LNG-CRAB-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0076	0.0028	0.0051	0.0017	<0.0013	0.0021	0.0026	0.012	0.0027	0.0027	0.0066	<0.0013	0.0106	0.0025	0.0083	**0.0070**
Total (Wet Wt) Copper (Cu)	mg/kg	3.11	2.31	3.54	3.33	3.74	3.96	3.52	4.2	3.3	4.36	3.23	3.54	3.84	3.43	4.99	**3.91**
Total (Wet Wt) Zinc (Zn)	mg/kg	25	23.2	27.3	23.7	33.6	31.4	30.1	40.8	35.7	34.9	27.8	24.3	24.1	21.2	22.5	**31.02**
Moisture Content	%	86	86	83	86	79	82	84	80	79	80	85	87	85	88	86	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	19B-VIL-CRAB21	19B-VIL-CRAB-27	19B-VIL-CRAB-28	19B-VIL-CRAB-51	19B-VIL-CRAB-40	19B-VIL-CRAB-41	19B-VIL-CRAB-42	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	19B-VIL-CRAB-46	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	19B-VIL-CRAB-50	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.002	0.008	0.0078	<0.0013	0.0058	0.0018	0.0017	0.0017	0.0015	0.0049	0.002	0.0052	0.0037	0.005	0.0029	**0.0052**
Total (Wet Wt) Copper (Cu)	mg/kg	5.54	5.42	5.61	3.22	5.55	4.42	3.85	2.98	3.39	4.69	4.74	5.64	4.46	2.83	3.36	**4.85**
Total (Wet Wt) Zinc (Zn)	mg/kg	37.3	34	32.6	38.5	38.5	43.2	43	42.5	26.4	39	37.7	38	31.3	23.4	25	**38.3**
Moisture Content	%	93	82	81	80	82	88	80	78	83	80	78	80	81	87	85	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	19B-ARM-CRAB-01	19B-ARM-CRAB-02	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	19B-ARM-CRAB-09	19B-ARM-CRAB-10	19B-ARM-CRAB-11	19B-ARM-CRAB-12	19B-ARM-CRAB-13	19B-ARM-CRAB-14	19B-ARM-CRAB-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0023	0.0015	0.0021	0.0078	0.0019	0.0028	0.0014	0.0036	0.0021	0.0016	0.0019	0.0059	0.0027	0.002	0.0054	**0.0041**
Total (Wet Wt) Copper (Cu)	mg/kg	7.87	7.92	7.57	5.43	7.15	10.4	6.22	13.5	7.04	7.47	8.12	7.16	4.53	4.42	9.41	**8.65**
Total (Wet Wt) Zinc (Zn)	mg/kg	28.2	36.7	37.4	32.5	32.9	36.9	42.2	45.8	39.5	37.5	34	33.4	31.8	38.4	37.7	**38.33**
Moisture Content	%	86	80	80	84	83	80	82	84	79	81	82	82	85	80	81	

Metal Concentrations in Crab Heptopancreas (Post-dredge, August 2019)

Kitimat Harbour Study Area - Crab Hepatopancreas

PARAMETER	UNITS	19B-LNG-HEP-01	19B-LNG-HEP-02	19B-LNG-HEP-03	19B-LNG-HEP-04	19B-LNG-HEP-05	19B-LNG-HEP-06	19B-LNG-HEP-07	19B-LNG-HEP-08	19B-LNG-HEP-09	19B-LNG-HEP-10	19B-LNG-HEP-11	19B-LNG-HEP-12	19B-LNG-HEP-13	19B-LNG-HEP-14	19B-LNG-HEP-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.481	0.756	0.489	0.314	0.405	0.367	0.947	0.405	0.537	0.633	0.728	0.335	0.728	0.714	0.985	**0.686**
Total (Wet Wt) Copper (Cu)	mg/kg	14.4	14.8	10.6	7.31	7.86	9.87	4.72	46.5	11.4	8.74	9.87	21.7	9.8	21.1	7.91	**19.04**
Total (Wet Wt) Zinc (Zn)	mg/kg	13	11.3	9.53	11	20.8	13.5	16.9	16.7	13	10.9	13.3	10.7	12.9	16.2	14.8	**15.0**
Moisture Content	%	86	84	90	86	83	86	87	87	82	83	84	85	86	87	88	

Kitamaat Village Study Area - Crab Hepatopancreas

PARAMETER	UNITS	19B-VIL-HEP-01	19B-VIL-HEP-02	19B-VIL-HEP-03	19B-VIL-HEP-04	19B-VIL-HEP-05	19B-VIL-HEP-06	19B-VIL-HEP-07	19B-VIL-HEP-08	19B-VIL-HEP-09	19B-VIL-HEP-10	19B-VIL-HEP-11	19B-VIL-HEP-12	19B-VIL-HEP-13	19B-VIL-HEP-14	19B-VIL-HEP-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.271	0.285	0.73	1.05	1.92	0.419	1.7	1.3	1.6	0.558	0.382	1.08	7.08	0.792	0.677	**2.195**
Total (Wet Wt) Copper (Cu)	mg/kg	59.6	34.1	6.1	8.76	6.37	8.28	13.9	11.3	18.6	9.43	47.1	17.5	104	17.3	6.37	**43.78**
Total (Wet Wt) Zinc (Zn)	mg/kg	12.3	10.6	12.4	14.1	15	15.4	19.9	21	17.1	12.3	14.4	25.6	15.6	14.9	13.4	**17.39**
Moisture Content	%	70	75	70	72	84	81	79	76	77	75	81	79	80	83	75	

Kildala Arm Study Area - Crab Hepatopancreas

PARAMETER	UNITS	19B-ARM-HEP-01	19B-ARM-HEP-02	19B-ARM-HEP-03	19B-ARM-HEP-04	19B-ARM-HEP-05	19B-ARM-HEP-06	19B-ARM-HEP-07	19B-ARM-HEP-08	19B-ARM-HEP-09	19B-ARM-HEP-10	19B-ARM-HEP-11	19B-ARM-HEP-12	19B-ARM-HEP-13	19B-ARM-HEP-14	19B-ARM-HEP-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.149	0.378	0.194	0.564	0.342	0.519	0.168	0.192	0.179	0.17	0.35	0.175	0.385	0.221	0.383	**0.3530**
Total (Wet Wt) Copper (Cu)	mg/kg	56.6	24.4	13.3	119	9.73	7.39	4.77	14.5	11.5	13.3	42.8	58.2	8.78	24.6	12.3	**51.44**
Total (Wet Wt) Zinc (Zn)	mg/kg	17.4	14.9	13.8	12.1	11.6	15.8	13.7	9.67	10.9	13.7	11	11.4	10.3	12.3	11.2	**13.64**
Moisture Content	%	79	70	70	85	74	71	67	66	76	74	77	75	81	76	82	

Metal Concentrations in Sole Meat (Post-dredge, August 2019)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	19B-LNG-SOLE-01	19B-LNG-SOLE-02	19B-LNG-SOLE-03	19B-LNG-SOLE-04	19B-LNG-SOLE-05	19B-LNG-SOLE-06	19B-LNG-SOLE-07	19B-LNG-SOLE-08	19B-LNG-SOLE-09	19B-LNG-SOLE-10	19B-LNG-SOLE-11	19B-LNG-SOLE-12	19B-LNG-SOLE-13	19B-LNG-SOLE-14	19B-LNG-SOLE-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0014	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	**ND (0.0013)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.111	0.105	0.108	0.715	0.106	0.112	0.133	0.092	0.105	0.121	0.08	0.119	0.12	0.179	0.142	**0.332**
Total (Wet Wt) Zinc (Zn)	mg/kg	3.72	4.26	3.3	4.05	3.25	3.35	3.77	2.93	3.19	3.39	3.14	3.94	3.75	3.39	3.53	**3.70**
Moisture Content	%	81	81	83	82	80	78	79	83	81	80	82	80	80	81	80	

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	19B-VIL-SOLE-01	19B-VIL-SOLE-04	19B-VIL-SOLE-06	19B-VIL-SOLE-07 + 10	19B-VIL-SOLE-08	19B-VIL-SOLE-09	19B-VIL-SOLE-11 +14	19B-VIL-SOLE-12	19B-VIL-SOLE-13	19B-VIL-SOLE-15 + 16	19B-VIL-SOLE-17	19B-VIL-SOLE-18 + 19	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0024	<0.0013	<0.0013	0.002	**ND (0.0016)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.168	0.134	0.102	0.131	0.102	0.1	0.135	0.11	0.112	0.085	0.107	0.185	0.107	0.11	0.111	**0.13**
Total (Wet Wt) Zinc (Zn)	mg/kg	4.88	4	3.39	3.58	3.3	3.54	3.79	2.91	3.68	2.76	3.34	3.85	3.88	3.37	2.97	**3.79**
Moisture Content	%	86	81	80	80	82	81	80	83	81	85	83	80	81	79	87	

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	19B-ARM-SOLE-01	19B-ARM-SOLE-02 +7	19B-ARM-SOLE-03 +15	19B-ARM-SOLE-05 +10	19B-ARM-SOLE-06 +14	19B-ARM-SOLE-08 + 09	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	19B-ARM-SOLE-13+23	19B-ARM-SOLE-17+25	19B-ARM-SOLE-18	19B-ARM-SOLE-22	19B-ARM-SOLE-24	19B-ARM-SOLE-26 +27	19B-ARM-SOLE-30	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0031	<0.0013	<0.0013	0.0036	<0.0013	0.0013	<0.0013	<0.0013	0.0019	<0.0013	<0.0013	**ND (0.0019)**
Total (Wet Wt) Copper (Cu)	mg/kg	0.144	0.106	0.124	0.124	0.103	0.115	0.135	0.118	0.111	0.123	0.144	0.114	0.102	0.105	0.172	**0.131**
Total (Wet Wt) Zinc (Zn)	mg/kg	3.72	3.62	3.1	3.51	3.18	3.53	4.04	3.59	3.98	3.43	3.68	3.86	4.11	3.32	3.78	**3.77**
Moisture Content	%	82	82	81	83	83	81	82	81	83	83	82	85	83	81	82	

APPENDIX 7. AUGUST 2020 POST-DREDGE LABORATORY ANALYSIS SUMMARY

PAH Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	0.0505	0.0918	0.099	0.098	0.232	0.127	0.0893	0.045	0.0651	0.101	0.068	0.0828	0.0745	0.104	0.0431	
Benzo(a)anthracene	ng/g	0.1	0.033	0.0542	0.0529	0.052	0.153	0.076	0.0423	0.026	0.026	0.0776	0.032	0.041	0.045	0.361	0.033	
Chrysene	ng/g	0.01	0.041	0.0759	0.0497	0.067	0.176	0.072	0.0431	0.036	0.031	0.083	0.031	0.046	0.049	0.245	0.023	
Benzo(k)fluoranthene	ng/g	0.1	0.024	0.0478	0.046	0.048	0.0972	0.0462	0.028	0.023	0.022	0.0405	0.018	0.0282	0.0251	0.058	0.0167	
Benzo(a)pyrene	ng/g	1	0.024	0.03	0.031	0.023	0.0584	0.0385	0.025	0.019	0.014	0.0413	<0.020	0.019	0.029	0.049	0.0148	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	0.031	0.035	0.03	0.02	0.054	0.024	<0.023	0.044	<0.027	0.028	<0.023	<0.023	0.041	0.036	<0.017	**0.094**
Dibenzo(a,h)anthracene	ng/g	1	0.039	0.029	<0.016	<0.027	<0.016	<0.014	<0.021	0.048	0.024	<0.023	<0.047	<0.025	<0.029	<0.044	<0.023	
Benzo(g,h,i)perylene	ng/g	0.01	0.03	0.04	0.031	0.032	0.083	0.045	0.037	0.039	<0.027	0.06	<0.021	0.036	0.034	0.17	0.026	
Moisture Content	%	-	82	84	81	82	85	81	80	80	81	81	78	81	84	83	81	
Lipid Content	%	-	0.8	0.3	0.6	0.7	0.4	0.9	0.8	0.5	0.6	0.9	1.1	0.7	0.6	0.6	0.8	
Total Toxic Equivalence	**ng/g TEQ**		**0.078**	**0.083**	**0.071**	**0.073**	**0.131**	**0.081**	**0.065**	**0.082**	**0.053**	**0.090**	**0.082**	**0.062**	**0.077**	**0.153**	**0.049**	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	20VIL- CRAB-01	20VIL- CRAB-02	20VIL- CRAB-03	20VIL- CRAB-04	20VIL- CRAB-05	20VIL- CRAB-06	20VIL- CRAB-07	20VIL- CRAB-08	20VIL- CRAB-09	20VIL- CRAB-10	20VIL- CRAB-11	20VIL- CRAB-12	20VIL- CRAB-13	20VIL- CRAB-14	20VIL- CRAB-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.081	<0.056	<0.12	<0.089	<0.069	0.11	<0.062	<0.070	<0.067	<0.087	<0.082	<0.084	<0.073	<0.057	<0.085	
Benzo(a)anthracene	ng/g	0.1	<0.48	<0.055	<0.063	<0.069	<0.033	<0.062	<0.049	<0.085	<0.080	<0.065	<0.065	<0.058	<0.049	<0.043	<0.063	
Chrysene	ng/g	0.01	<0.053	<0.061	<0.067	<0.077	<0.039	<0.068	<0.057	<0.10	<0.085	<0.076	<0.072	<0.068	<0.054	<0.046	<0.073	
Benzo(k)fluoranthene	ng/g	0.1	<0.098	<0.077	<0.13	<0.11	<0.080	<0.083	<0.076	<0.085	<0.082	<0.12	<0.10	<0.10	<0.082	<0.066	<0.10	
Benzo(a)pyrene	ng/g	1	<0.15	<0.11	<0.20	<0.18	<0.14	<0.12	<0.11	<0.15	<0.13	<0.18	<0.15	<0.16	<0.13	<0.11	<0.15	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.14	<0.089	<0.14	<0.13	<0.13	<0.15	<0.24	<0.18	<0.096	<0.13	<0.18	<0.15	<0.11	<0.10	<0.13	**ND (0.365)**
Dibenzo(a,h)anthracene	ng/g	1	<0.087	<0.16	<0.16	<0.11	<0.089	0.16	<0.18	<0.13	<0.20	<0.22	<0.22	<0.17	<0.13	<0.20	<0.13	
Benzo(g,h,i)perylene	ng/g	0.01	<0.14	<0.091	<0.16	<0.14	<0.13	<0.15	<0.26	<0.20	<0.10	<0.14	<0.18	<0.16	<0.12	<0.10	<0.13	
Moisture Content	%	-	81	80	82	81	80	83	81	81	82	80	83	81	83	80	82	
Lipid Content	%	-	0.7	0.6	0.9	0.9	0.5	0.4	0.3	0.5	0.5	0.7	0.5	0.6	0.6	0.6	0.6	
Total Toxic Equivalence	**ng/g TEQ**		**0.319**	**0.299**	**0.408**	**0.332**	**0.262**	**0.323**	**0.336**	**0.325**	**0.364**	**0.442**	**0.415**	**0.371**	**0.293**	**0.338**	**0.320**	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	20ARM-CRAB-14	20ARM-CRAB-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.22	<0.21	<0.19	<0.37	<0.23	<0.22	<0.21	<0.25	<0.29	<0.28	<0.23	<0.35	<0.26	<0.41	<0.22	
Benzo(a)anthracene	ng/g	0.1	<0.16	<0.14	<0.13	<0.19	<0.16	<0.13	<0.13	<0.13	<0.17	<0.24	<0.12	<0.19	<0.14	<0.18	<0.28	
Chrysene	ng/g	0.01	<0.19	<0.16	<0.14	<0.22	<0.19	<0.16	<0.12	<0.16	<0.19	<0.27	<0.13	<0.20	<0.15	<0.21	<0.28	
Benzo(k)fluoranthene	ng/g	0.1	<0.22	<0.22	<0.21	<0.38	<0.21	<0.21	<0.23	<0.24	<0.27	<0.27	<0.22	<0.39	<0.21	<0.39	<0.22	
Benzo(a)pyrene	ng/g	1	<0.27	<0.27	<0.25	<0.48	<0.29	<0.21	<0.34	<0.33	<0.35	<0.41	<0.32	<0.64	<0.28	<0.58	<0.29	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.18	<0.24	<0.19	<0.36	<0.36	<0.24	<0.32	<0.42	<0.27	<0.35	<1.4	<0.56	<0.48	<0.37	<0.59	**ND (1.014)**
Dibenzo(a,h)anthracene	ng/g	1	<0.21	<0.24	<0.25	<0.26	<0.27	<0.20	<0.17	<0.42	<0.48	<0.42	<0.61	<0.65	<0.75	<0.75	<0.32	
Benzo(g,h,i)perylene	ng/g	0.01	<0.28	<0.27	<0.20	<0.37	<0.29	<0.24	<0.34	<0.38	<0.29	<0.38	<1.1	<0.60	<0.52	<0.28	<0.45	
Moisture Content	%	-	85	83	82	82	83	84	82	86	87	83	82	83	82	82	86	
Lipid Content	%	-	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0	0.1	0	0.4	0.3	0.1	0.3	0.2	
Total Toxic Equivalence	**ng/g TEQ**		**0.563**	**0.595**	**0.575**	**0.876**	**0.661**	**0.494**	**0.604**	**0.859**	**0.935**	**0.951**	**1.139**	**1.447**	**1.146**	**1.470**	**0.748**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PAH Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20LNG-HEP-16	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	20LNG-HEP-21	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	20LNG-HEP-25	20LNG-HEP-26	20LNG-HEP-27	20LNG-HEP-28	20LNG-HEP-29	20LNG-HEP-30	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.27	<0.20	0.51	0.191	0.248	0.144	0.61	<0.22	0.7	0.3	<0.11	0.22	1.87	0.288	0.73	
Benzo(a)anthracene	ng/g	0.1	0.28	0.47	0.54	0.177	0.26	0.227	0.92	0.158	1.72	0.5	0.13	0.258	1.77	0.6	0.91	
Chrysene	ng/g	0.01	0.51	<0.17	1.04	0.208	0.25	0.171	1.04	0.19	1.8	0.46	0.14	0.296	2.5	0.77	1.28	
Benzo(k)fluoranthene	ng/g	0.1	<0.28	<0.22	<0.23	<0.086	0.11	<0.10	0.3	<0.26	0.35	0.22	<0.12	<0.13	0.78	<0.062	0.2	
Benzo(a)pyrene	ng/g	1	<0.35	<0.24	<0.27	<0.13	<0.16	<0.15	<0.34	<0.31	0.25	<0.30	<0.18	<0.20	0.78	<0.094	0.34	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.24	<0.18	<0.23	0.14	<0.14	<0.17	<0.23	<0.23	<0.30	<0.32	<0.19	<0.16	<0.40	<0.21	<0.20	**0.801**
Dibenzo(a,h)anthracene	ng/g	1	<0.26	<0.26	<0.31	<0.13	<0.16	<0.25	<0.19	<0.21	<0.23	<0.27	<0.20	<0.17	<0.31	<0.13	<0.32	
Benzo(g,h,i)perylene	ng/g	0.01	<0.22	<0.19	<0.22	0.2	<0.14	<0.14	<0.24	<0.23	<0.27	<0.33	<0.18	<0.16	0.5	<0.23	<0.23	
Moisture Content	%	-	77	70	87	81	67	84	77	81	85	73	76	82	77	78	81	
Lipid Content	%	-	10	17	1.1	5.5	12	3.1	5.3	4.7	2.9	13	9.2	4.6	8.7	9	6	
Total Toxic Equivalence	**ng/g TEQ**		**0.724**	**0.611**	**0.744**	**0.323**	**0.400**	**0.467**	**0.749**	**0.611**	**0.808**	**0.712**	**0.438**	**0.451**	**1.602**	**0.350**	**0.879**	

Kitamaat Village Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20VIL-HEP-16	20VIL-HEP-17	20VIL-HEP-18	20VIL-HEP-19	20VIL-HEP-20	20VIL-HEP-21	20VIL-HEP-22	20VIL-HEP-23	20VIL-HEP-24	20VIL-HEP-25	20VIL-HEP-26	20VIL-HEP-27	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-30	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.12	<0.17	<0.23	<0.19	<0.18	<0.11	<0.10	<0.14	<0.16	<0.12	<0.19	<0.13	<0.14	<0.16	<0.12	
Benzo(a)anthracene	ng/g	0.1	<0.18	0.45	0.36	<0.19	0.4	<0.21	<0.14	<0.13	0.253	<0.11	0.38	<0.11	<0.12	0.27	<0.083	
Chrysene	ng/g	0.01	<0.17	0.32	0.39	<0.22	<0.14	<0.20	<0.14	<0.13	0.21	<0.12	<0.23	<0.11	<0.12	<0.17	<0.087	
Benzo(k)fluoranthene	ng/g	0.1	<0.13	<0.17	<0.27	<0.20	<0.19	<0.12	<0.11	<0.17	<0.17	<0.15	<0.22	<0.15	<0.15	<0.18	<0.14	
Benzo(a)pyrene	ng/g	1	<0.15	<0.20	<0.32	<0.26	<0.22	<0.14	<0.13	<0.20	<0.20	<0.17	<0.25	<0.19	<0.19	<0.21	<0.16	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.19	<0.26	<0.25	<0.20	<0.15	<0.10	<0.21	<0.27	<0.15	<0.14	<0.19	<0.14	<0.15	<0.32	<0.11	**ND (0.51)**
Dibenzo(a,h)anthracene	ng/g	1	<0.20	<0.23	<0.21	<0.19	<0.20	<0.13	<0.21	<0.18	<0.22	<0.18	<0.18	<0.18	<0.22	<0.25	<0.15	
Benzo(g,h,i)perylene	ng/g	0.01	<0.21	<0.15	<0.25	<0.21	<0.15	<0.10	<0.19	<0.24	<0.13	<0.13	<0.19	<0.15	<0.14	<0.33	<0.12	
Moisture Content	%	-	75	65	77	76	71	82	80	83	72	74	76	83	82	70	84	
Lipid Content	%	-	8.7	22	8.4	7.2	5	3.6	6.2	2.3	11	11	13	3.2	4.5	16	5.7	
Total Toxic Equivalence	**ng/g TEQ**		**0.416**	**0.540**	**0.647**	**0.532**	**0.515**	**0.327**	**0.399**	**0.455**	**0.497**	**0.405**	**0.532**	**0.426**	**0.469**	**0.558**	**0.357**	

Kildala Arm Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20ARM-HEP-16	20ARM-HEP-17	20ARM-HEP-18	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	20ARM-HEP-22	20ARM-HEP-23	20ARM-HEP-24	20ARM-HEP-25	20ARM-HEP-26	20ARM-HEP-27	20ARM-HEP-28	20ARM-HEP-29	20ARM-HEP-30	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.30	<0.23	<0.21	<0.16	<0.21	<0.14	<0.17	<0.27	<0.20	<0.26	<0.20	<0.29	<0.41	<0.44	<0.52	
Benzo(a)anthracene	ng/g	0.1	<0.18	0.24	<0.079	<0.11	0.22	<0.094	<0.12	<0.12	<0.13	1.37	<0.081	<0.27	<0.36	<0.45	<0.60	
Chrysene	ng/g	0.01	<0.19	<0.18	<0.083	<0.12	<0.18	<0.11	<0.14	<0.13	<0.16	<0.16	<0.097	<0.30	<0.46	0.67	<0.74	
Benzo(k)fluoranthene	ng/g	0.1	<0.28	<0.27	<0.23	<0.18	<0.22	<0.16	<0.19	<0.27	<0.24	<0.30	<0.18	<0.30	<0.43	<0.45	<0.55	
Benzo(a)pyrene	ng/g	1	<0.33	<0.34	<0.28	<0.22	<0.29	<0.22	<0.25	<0.36	<0.32	<0.37	<0.25	<0.42	<0.46	<1.1	<0.66	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.31	<0.29	<0.16	<0.24	<0.22	<0.27	<0.18	<0.17	<0.20	<0.096	<0.49	<0.56	<0.39	<0.70	<0.46	**ND (1.023)**
Dibenzo(a,h)anthracene	ng/g	1	<0.49	<0.38	<0.26	<0.31	<0.35	<0.40	<0.21	<0.16	<0.36	<0.22	<0.47	<0.40	<0.31	<0.38	<0.49	
Benzo(g,h,i)perylene	ng/g	0.01	<0.24	<0.32	<0.15	<0.30	<0.20	<0.31	<0.17	<0.20	<0.18	<0.15	<0.44	<0.56	<0.40	<0.62	<0.54	
Moisture Content	%	-	84	79	84	74	76	81	71	87	86	67	86	86	83	83	85	
Lipid Content	%	-	2.6	6.3	1.6	11	12	3.6	9.9	1.2	1.6	13	1.6	1	3.7	4.5	2.2	
Total Toxic Equivalence	**ng/g TEQ**		**0.931**	**0.828**	**0.610**	**0.603**	**0.731**	**0.691**	**0.529**	**0.606**	**0.760**	**0.796**	**0.820**	**0.971**	**0.938**	**1.697**	**1.376**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PAH Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - English Sole

PARAMETER	UNITS	TEF	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.086	<0.056	<0.090	<0.068	<0.12	<0.098	<0.10	<0.070	<0.13	<0.14	<0.092	<0.095	<0.11	<0.10	<0.078	
Benzo(a)anthracene	ng/g	0.1	<0.044	<0.041	<0.040	<0.031	0.062	<0.050	<0.070	<0.049	<0.086	<0.092	<0.044	<0.078	<0.058	<0.062	<0.063	
Chrysene	ng/g	0.01	<0.051	<0.043	<0.047	<0.034	0.071	<0.053	<0.071	<0.048	<0.087	<0.094	<0.051	<0.090	<0.058	<0.071	<0.071	
Benzo(k)fluoranthene	ng/g	0.1	<0.098	<0.068	<0.10	<0.077	0.18	<0.11	<0.10	<0.075	<0.16	<0.16	<0.11	<0.11	<0.11	<0.12	<0.092	
Benzo(a)pyrene	ng/g	1	<0.14	<0.11	<0.15	<0.12	<0.19	<0.19	<0.16	<0.13	<0.18	<0.28	<0.17	<0.18	<0.17	<0.19	<0.14	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.19	<0.12	<0.16	<0.10	<0.21	<0.18	<0.23	<0.18	<0.15	<0.21	<0.10	<0.26	<0.16	<0.18	<0.18	ND (0.44)
Dibenzo(a,h)anthracene	ng/g	1	<0.18	<0.15	<0.13	<0.18	<0.31	<0.15	<0.25	<0.18	<0.20	<0.22	<0.15	<0.21	<0.22	<0.15	<0.18	
Benzo(g,h,i)perylene	ng/g	0.01	<0.21	<0.13	<0.16	<0.11	<0.22	<0.19	<0.21	<0.16	<0.17	<0.23	<0.11	<0.27	<0.15	<0.19	<0.18	
Moisture Content	%	-	83	80	83	84	81	82	81	82	82	84	83	82	81	81	82	
Lipid Content	%	-	0.6	0.9	0.8	0.9	0.6	0.7	0.8	0.7	0.8	0.3	0.8	1	0.8	0.6	1	
Total Toxic Equivalence	**ng/g TEQ**		**0.364**	**0.290**	**0.321**	**0.329**	**0.560**	**0.386**	**0.463**	**0.349**	**0.435**	**0.563**	**0.356**	**0.448**	**0.436**	**0.389**	**0.364**	

Kitamaat Village Study Area - English Sole

PARAMETER	UNITS	TEF	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.056	<0.091	<0.12	<0.059	<0.049	<0.052	<0.11	<0.071	<0.036	<0.043	<0.057	<0.072	<0.057	<0.078	<0.081	
Benzo(a)anthracene	ng/g	0.1	<0.037	<0.049	<0.044	<0.037	<0.030	<0.038	<0.036	<0.037	<0.031	<0.045	<0.033	<0.043	<0.041	<0.052	<0.036	
Chrysene	ng/g	0.01	<0.041	<0.050	<0.047	<0.039	<0.032	<0.041	<0.039	<0.036	<0.033	<0.049	<0.035	<0.044	<0.040	<0.055	<0.036	
Benzo(k)fluoranthene	ng/g	0.1	<0.059	<0.093	<0.12	<0.061	<0.050	<0.056	<0.11	<0.077	<0.038	<0.041	<0.063	<0.066	<0.060	<0.082	<0.079	
Benzo(a)pyrene	ng/g	1	<0.093	<0.15	<0.17	<0.096	<0.075	<0.084	<0.15	<0.11	<0.056	<0.059	<0.088	<0.10	<0.084	<0.12	<0.13	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.12	<0.12	<0.16	<0.085	<0.10	<0.083	<0.14	<0.12	<0.10	<0.13	<0.073	<0.15	<0.080	<0.13	<0.12	ND (0.299)
Dibenzo(a,h)anthracene	ng/g	1	<0.22	<0.073	<0.22	<0.12	<0.10	<0.15	<0.12	<0.15	<0.16	<0.072	<0.10	<0.14	<0.11	<0.12	<0.15	
Benzo(g,h,i)perylene	ng/g	0.01	<0.11	<0.13	<0.14	<0.084	<0.10	<0.092	<0.14	<0.11	<0.091	<0.12	<0.066	<0.14	<0.075	<0.12	<0.11	
Moisture Content	%	-	82	83	83	83	82	82	81	83	82	84	81	84	83	82	78	
Lipid Content	%	-	0.6	0.6	0.3	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.6	0.5	
Total Toxic Equivalence	**ng/g TEQ**		**0.342**	**0.260**	**0.436**	**0.241**	**0.199**	**0.258**	**0.311**	**0.292**	**0.238**	**0.159**	**0.212**	**0.275**	**0.219**	**0.276**	**0.313**	

Kildala Arm Study Area - English Sole

PARAMETER	UNITS	TEF	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	20ARM-SOLE-15	95% UCLM
Benzo(b/j)fluoranthene	ng/g	0.1	<0.16	<0.10	<0.12	<0.22	<0.14	<0.12	<0.095	<0.24	<0.25	<0.20	<0.21	<0.14	<0.19	<0.12	<0.19	
Benzo(a)anthracene	ng/g	0.1	<0.091	<0.072	<0.072	<0.10	<0.098	<0.084	<0.056	<0.083	<0.12	<0.10	<0.086	<0.15	<0.086	<0.12	<0.11	
Chrysene	ng/g	0.01	<0.090	<0.089	<0.080	<0.10	<0.098	<0.091	<0.058	<0.083	<0.13	<0.10	<0.091	<0.15	<0.089	<0.13	<0.10	
Benzo(k)fluoranthene	ng/g	0.1	<0.14	<0.090	<0.11	<0.19	<0.13	<0.11	<0.091	<0.23	<0.24	<0.21	<0.21	<0.14	<0.18	<0.12	<0.16	
Benzo(a)pyrene	ng/g	1	<0.25	<0.15	<0.15	<0.23	<0.19	<0.16	<0.14	<0.31	<0.33	<0.30	<0.29	<0.25	<0.26	<0.18	<0.26	
Indeno(1,2,3-cd)pyrene	ng/g	0.1	<0.26	<0.20	<0.18	<0.17	<0.30	<0.27	<0.15	<0.36	<0.27	<0.30	<0.41	<0.25	<0.30	<0.26	<0.31	ND (0.765)
Dibenzo(a,h)anthracene	ng/g	1	<0.51	<0.28	<0.22	<0.33	<0.22	<0.49	<0.18	<0.44	<0.40	<0.34	<0.52	<0.32	<0.47	<0.53	<0.50	
Benzo(g,h,i)perylene	ng/g	0.01	<0.22	<0.18	<0.16	<0.13	<0.27	<0.30	<0.13	<0.32	<0.25	<0.33	<0.31	<0.32	<0.29	<0.25	<0.28	
Moisture Content	%	-	82	83	81	80	81	81	81	82	82	83	82	84	83	82	81	
Lipid Content	%	-	0.4	0.4	0.6	0.8	1.4	0.6	0.2	0.4	0.3	0.3	0.4	0.3	0.6	0.3	0.3	
Total Toxic Equivalence	**ng/g TEQ**		**0.828**	**0.479**	**0.421**	**0.630**	**0.480**	**0.712**	**0.361**	**0.845**	**0.822**	**0.725**	**0.906**	**0.643**	**0.809**	**0.776**	**0.841**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCB Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	TEF	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	<0.0071	<0.0090	<0.0067	<0.0064	0.014	<0.0050	<0.0051	<0.0047	<0.0053	0.0138	<0.0061	0.0126	<0.0052	0.0088	<0.0066	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0068	<0.0086	<0.0065	<0.0062	<0.0057	<0.0048	<0.0049	<0.0045	<0.0051	<0.0041	<0.0059	<0.0051	<0.0050	<0.0046	<0.0062	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.0393	0.0753	0.0276	0.0365	0.232	0.12	0.0683	0.0367	0.0742	0.229	0.0344	0.316	0.0714	0.144	0.127	
2344'5-PentaCB-(114)	ng/g	0.0000300	<0.0052	<0.0047	<0.0054	<0.0048	0.0119	<0.0043	<0.0044	<0.0025	0.0052	0.0151	<0.0021	0.0195	<0.0038	0.006	<0.0062	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.11	0.195	0.0791	0.0855	0.725	0.358	0.165	0.118	0.214	0.668	0.0834	0.877	0.197	0.418	0.37	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	<0.0058	<0.0053	<0.0060	<0.0053	0.0094	<0.0048	<0.0049	<0.0028	<0.0039	0.0062	<0.0024	0.0091	<0.0042	<0.0043	0.0063	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0049	<0.0045	<0.0051	<0.0046	<0.0041	<0.0041	<0.0042	<0.0024	<0.0033	<0.0034	<0.0020	<0.0035	<0.0036	<0.0037	<0.0030	**0.00062**
HexaCB-(156)+(157)	ng/g	0.0000300	0.0143	0.0289	0.0092	<0.015	0.0657	0.0334	0.026	<0.012	0.02	0.0748	0.0098	0.1	0.0222	0.0409	0.0385	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	<0.0058	0.0113	<0.0036	<0.014	0.0268	0.0141	<0.0059	0.0055	0.0078	0.0251	<0.0057	0.0345	0.0086	0.0162	0.0129	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0060	<0.0047	<0.0037	<0.015	<0.0044	<0.0057	<0.0061	<0.0026	<0.0049	<0.0062	<0.0059	<0.0039	<0.0040	<0.0054	<0.0047	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0086	<0.0067	<0.0084	<0.042	<0.0079	<0.0065	<0.0054	<0.0057	<0.010	<0.0093	<0.0094	<0.0066	<0.0052	<0.015	<0.0098	
Moisture Content	%	-	82	84	81	82	85	81	80	80	81	81	78	81	84	83	81	
Lipid Content	%	-	0.8	0.3	0.6	0.7	0.4	0.9	0.8	0.5	0.6	0.9	1.1	0.7	0.6	0.6	0.8	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000678**	**0.000604**	**0.000628**	**0.000919**	**0.000578**	**0.000599**	**0.000613**	**0.000325**	**0.000489**	**0.000559**	**0.000384**	**0.000511**	**0.000491**	**0.000554**	**0.000461**	

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	TEF	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	20VIL-CRAB-04	20VIL-CRAB-05	20VIL-CRAB-06	20VIL-CRAB-07	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.0045	<0.0031	0.0081	0.0074	0.0021	0.002	0.0064	0.0054	0.0174	0.00275	0.0021	<0.0022	0.0173	0.0023	<0.0026	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0029	<0.0031	<0.0016	<0.0022	<0.0014	<0.0017	<0.0017	<0.0014	<0.0013	<0.00076	<0.0020	<0.0021	<0.0027	<0.0017	<0.0025	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.0484	0.0337	0.179	0.102	0.029	0.0367	0.0552	0.082	0.355	0.0474	0.0481	0.0219	0.229	0.0347	0.0644	
2344'5-PentaCB-(114)	ng/g	0.0000300	<0.0021	<0.0019	0.0106	0.0055	0.0016	0.0018	0.0036	0.0062	0.021	0.003	0.0036	<0.0017	0.0144	0.00251	0.0037	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.151	0.0896	0.551	0.285	0.0869	0.111	0.162	0.232	1.16	0.134	0.155	0.0587	0.698	0.0986	0.187	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	<0.0023	<0.0021	0.00459	0.0036	0.0013	0.0018	0.0027	0.0045	0.0091	0.00143	<0.0014	<0.0018	0.0076	<0.0015	0.0021	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0020	<0.0019	0.00121	<0.0014	<0.0010	<0.0011	<0.0013	<0.0015	<0.0012	<0.00067	<0.0012	<0.0016	0.0018	<0.00081	<0.0016	**0.00024**
HexaCB-(156)+(157)	ng/g	0.0000300	0.0121	0.0099	0.062	0.0273	0.0093	0.0141	0.0143	0.0221	0.125	0.0132	0.0164	0.008	0.0741	0.0121	0.0215	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.0059	0.0034	0.0241	0.0117	0.0042	0.0059	0.0057	0.0083	0.0422	0.00473	0.0064	0.003	0.0324	0.0044	0.0075	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0019	<0.0021	<0.0019	<0.0023	<0.0013	<0.0013	<0.0020	<0.0021	<0.0023	<0.00078	<0.0017	<0.0018	<0.0039	<0.0014	<0.0025	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0024	<0.0018	0.0026	<0.0027	<0.0016	<0.0028	<0.0026	<0.0032	<0.0041	<0.0013	<0.0022	<0.0038	<0.0044	<0.0030	<0.0026	
Moisture Content	%	-	81	80	82	81	80	83	81	81	82	80	83	81	83	80	82	
Lipid Content	%	-	0.7	0.6	0.9	0.9	0.5	0.4	0.3	0.5	0.5	0.7	0.5	0.6	0.6	0.6	0.6	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000265**	**0.000259**	**0.000204**	**0.000224**	**0.000144**	**0.000155**	**0.000199**	**0.000225**	**0.000243**	**0.0000971**	**0.000179**	**0.000218**	**0.000331**	**0.000128**	**0.000245**	

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	TEF	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	20ARM-CRAB-14	20ARM-CRAB-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	<0.0019	<0.0028	<0.0020	<0.0024	<0.0028	<0.0018	<0.0024	<0.0016	<0.0020	<0.0023	<0.0025	<0.0023	<0.0017	0.00095	<0.0012	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0019	<0.0028	<0.0020	<0.0024	<0.0027	<0.0018	<0.0024	<0.0016	<0.0020	<0.0023	<0.0025	<0.0023	<0.0017	<0.00092	<0.0012	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.0041	0.0029	0.0083	0.0202	0.046	0.0029	0.036	0.0028	0.0097	0.0417	0.0325	0.042	<0.0014	0.0176	0.00329	
2344'5-PentaCB-(114)	ng/g	0.0000300	<0.0014	<0.0017	<0.0018	<0.0012	0.0028	<0.0018	<0.0015	<0.0014	<0.0017	<0.0014	<0.0017	0.0025	<0.0011	0.00106	<0.00063	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.0116	0.0086	0.0243	0.0529	0.152	0.0094	0.111	0.0087	0.0297	0.116	0.089	0.133	0.0045	0.0541	0.0107	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	<0.0015	<0.0019	<0.0020	<0.0013	<0.0016	<0.0019	<0.0017	<0.0016	<0.0018	0.0021	<0.0019	0.0033	<0.0012	0.00172	<0.00069	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0014	<0.0016	<0.0018	<0.0012	<0.0014	<0.0017	<0.0015	<0.0014	<0.0016	<0.0014	<0.0016	<0.0011	<0.0011	<0.00050	<0.00061	
HexaCB-(156)+(157)	ng/g	0.0000300	<0.0016	<0.0021	0.0022	0.0088	0.0141	<0.0026	0.0124	<0.0024	0.0029	0.0142	0.0086	0.0163	<0.0012	0.00509	0.00125	**0.00021**
23'44'55'-HexaCB-(167)	ng/g	0.0000300	<0.0015	<0.0020	<0.0019	0.0024	0.0067	<0.0024	0.0064	<0.0022	<0.0015	0.0046	0.0041	0.0072	<0.0012	0.00269	<0.00070	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0016	<0.0021	<0.0020	<0.0023	<0.0019	<0.0026	<0.0019	<0.0024	<0.0016	<0.0020	<0.0023	<0.0023	<0.0012	<0.00067	<0.00076	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0015	<0.0013	<0.0026	<0.0021	<0.0027	<0.0014	<0.0024	<0.0023	<0.0024	<0.0022	<0.0024	<0.0015	<0.0016	<0.00044	<0.00076	
Moisture Content	%	-	85	83	82	82	83	84	82	86	87	83	82	83	82	82	86	
Lipid Content	%	-	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0	0.1	0	0.4	0.3	0.1	0.3	0.2	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000189**	**0.000225**	**0.000242**	**0.000193**	**0.000205**	**0.000249**	**0.000213**	**0.000213**	**0.00021**	**0.000206**	**0.000234**	**0.000186**	**0.000147**	**0.0000729**	**0.0000848**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCB Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20LNG-HEP-31	20LNG-HEP-32	20LNG-HEP-33	20LNG-HEP-34	20LNG-HEP-35	20LNG-HEP-36	20LNG-HEP-37	20LNG-HEP-38	20LNG-HEP-39	20LNG-HEP-40	20LNG-HEP-41	20LNG-HEP-42	20LNG-HEP-43	20LNG-HEP-44	20LNG-HEP-45	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.274	0.0435	0.0454	0.0691	0.0686	0.0803	0.0391	0.0482	0.109	0.227	0.0537	0.188	0.0899	0.176	0.196	
344'5-TetraCB-(81)	ng/g	0.000300	0.0107	0.00129	0.00262	<0.0026	<0.0023	<0.0031	<0.0021	<0.0016	0.0041	0.0116	<0.0018	0.0038	0.0027	<0.0041	0.0144	
233'44'-PentaCB-(105)	ng/g	0.0000300	3.06	1.05	1.24	1.34	1.4	1.46	0.917	1.11	2.14	4.1	1.13	2.78	1.54	3.67	4.03	
2344'5-PentaCB-(114)	ng/g	0.0000300	0.181	0.0608	0.0682	0.0756	0.0758	0.0888	0.0532	0.0642	0.125	0.247	0.0717	0.162	0.0823	0.211	0.233	
23'44'5-PentaCB-(118)	ng/g	0.0000300	8.41	3.24	3.41	3.88	4.06	4.31	2.66	3.25	6.37	11.8	3.25	8.1	4.27	10.1	12.5	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	0.134	0.0577	0.0503	0.0529	0.0563	0.0438	0.0361	0.0452	0.0695	0.131	0.0402	0.061	0.0379	0.136	0.146	
33'44'5-PentaCB-(126)	ng/g	0.100	0.0153	0.00801	0.00449	0.0104	<0.0017	0.0039	0.0045	<0.0017	<0.0027	<0.0030	<0.0023	0.0081	0.0083	0.0103	0.0129	**0.00126**
HexaCB-(156)+(157)	ng/g	0.0000300	0.806	0.376	0.433	0.48	0.485	0.457	0.315	0.362	0.706	1.18	0.42	0.748	0.497	0.986	1.34	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.308	0.163	0.161	0.204	0.201	0.172	0.134	0.16	0.283	0.446	0.153	0.266	0.198	0.4	0.525	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0018	0.00368	0.00293	<0.0019	<0.0032	<0.0033	<0.0023	<0.0035	<0.0047	<0.0034	<0.0080	<0.0029	<0.0017	<0.0014	<0.0033	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	0.0326	0.016	0.017	0.022	0.019	0.015	<0.022	0.0161	0.0271	0.0416	0.0190	0.0269	0.0189	0.0327	0.048	
Moisture Content	%	-	75	77	85	74	80	79	78	81	78	84	77	64	83	83	81	
Lipid Content	%	-	7.3	5.3	2.1	7	6.1	7	8.1	5.7	10	2.6	8.7	18	5.4	3.6	5.8	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.002**	**0.00106**	**0.000703**	**0.00129**	**0.000463**	**0.000694**	**0.000648**	**0.000431**	**0.000715**	**0.000967**	**0.000628**	**0.00128**	**0.00109**	**0.00156**	**0.00198**	

Kitamaat Village Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20VIL-HEP-31	20VIL-HEP-32	20VIL-HEP-33	20VIL-HEP-34	20VIL-HEP-35	20VIL-HEP-36	20VIL-HEP-37	20VIL-HEP-38	20VIL-HEP-39	20VIL-HEP-40	20VIL-HEP-41	20VIL-HEP-42	20VIL-HEP-43	20VIL-HEP-44	20VIL-HEP-45	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.0547	0.0449	0.0692	0.0325	0.0555	0.0877	0.113	0.041	0.0661	0.0741	0.0476	0.0769	0.0553	0.0489	0.0574	
344'5-TetraCB-(81)	ng/g	0.000300	0.0031	0.0021	0.0036	0.00131	0.0021	0.0027	0.0042	0.0013	0.0022	0.0023	0.0023	0.00458	0.0025	0.0032	0.0019	
233'44'-PentaCB-(105)	ng/g	0.0000300	1.11	1.04	1.55	0.763	1.26	1.46	2.08	0.792	1.42	1.4	0.906	1.07	1.32	1.01	1.23	
2344'5-PentaCB-(114)	ng/g	0.0000300	0.0632	0.0587	0.0859	0.0481	0.0737	0.0859	0.135	0.0475	0.0852	0.0861	0.0545	0.0667	0.078	0.0564	0.0726	
23'44'5-PentaCB-(118)	ng/g	0.0000300	3.16	2.96	4.46	2.22	3.52	3.8	5.88	2.2	3.91	3.82	2.46	3.11	3.67	2.83	3.54	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	0.0371	0.0283	0.0809	0.0261	0.0614	0.0452	0.0684	0.0242	0.0444	0.0374	0.0299	0.0303	0.0472	<0.0012	0.0521	
33'44'5-PentaCB-(126)	ng/g	0.100	0.0054	0.0051	0.0056	0.0037	0.0067	0.0054	0.0089	0.00323	0.0073	0.0053	0.00385	0.00343	0.01	0.0048	<0.0027	**0.00088**
HexaCB-(156)+(157)	ng/g	0.0000300	0.343	0.361	0.54	0.278	0.435	0.487	0.64	0.25	0.429	0.415	0.276	0.342	0.439	0.35	0.365	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.133	0.146	0.228	0.118	0.19	0.204	0.267	0.105	0.173	0.166	0.115	0.15	0.182	0.155	0.136	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0022	<0.0021	<0.0025	0.0023	<0.0013	0.0031	<0.0010	<0.00072	<0.0012	<0.0013	<0.0010	<0.00074	0.00299	0.00381	<0.0025	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	0.0129	0.0143	0.0199	0.0115	0.0172	0.0183	0.0209	0.00976	0.0154	0.0156	0.0107	0.0128	0.0169	0.0154	0.0123	
Moisture Content	%	-	71	78	81	80	73	72	75	75	75	70	72	86	76	80	76	
Lipid Content	%	-	15	6.9	7.6	5.1	8.1	13	7.6	13	11	13	13	3.5	9.3	7.2	9	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000758**	**0.000716**	**0.000852**	**0.000547**	**0.000882**	**0.000826**	**0.0012**	**0.000452**	**0.000955**	**0.000756**	**0.000536**	**0.000518**	**0.00127**	**0.000732**	**0.000513**	

Kildala Arm Study Area - Hepatopancreas

PARAMETER	UNITS	TEF	20ARM-HEP-31	20ARM-HEP-32	20ARM-HEP-33	20ARM-HEP-34	20ARM-HEP-35	20ARM-HEP-36	20ARM-HEP-37	20ARM-HEP-38	20ARM-HEP-39	20ARM-HEP-40	20ARM-HEP-41	20ARM-HEP-42	20ARM-HEP-43	20ARM-HEP-44	20ARM-HEP-45	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.0103	0.0075	0.0089	<0.018	0.0089	0.0203	0.0112	0.0108	0.0114	0.0057	0.021	0.0093	<0.0036	0.0094	0.0144	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0021	<0.0017	<0.0022	<0.0039	<0.0022	<0.0024	<0.0030	<0.0019	<0.0027	<0.0027	<0.0038	<0.0069	<0.0035	<0.0052	<0.0042	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.347	0.132	0.416	0.745	0.255	0.561	0.504	0.328	0.324	0.0845	0.478	0.21	0.0507	0.204	0.268	
2344'5-PentaCB-(114)	ng/g	0.0000300	0.0214	0.00766	0.0275	0.0381	0.0152	0.0315	0.0255	0.0222	0.0175	0.0056	0.0297	0.0128	<0.0022	0.0122	0.0163	
23'44'5-PentaCB-(118)	ng/g	0.0000300	1.17	0.416	1.23	2.29	0.858	1.82	1.6	1.02	0.991	0.3	1.63	0.664	0.15	0.636	0.832	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	0.0133	0.00829	0.0204	0.0451	0.0109	0.0318	0.0244	0.0156	0.0163	0.007	0.0184	0.0123	<0.0024	0.0081	0.009	
33'44'5-PentaCB-(126)	ng/g	0.100	0.00196	<0.0010	0.00321	0.0066	<0.0021	0.0037	0.0033	<0.0024	0.0028	<0.0013	0.006	<0.0035	<0.0021	<0.0024	<0.0025	**0.00064**
HexaCB-(156)+(157)	ng/g	0.0000300	0.111	0.0339	0.173	0.229	0.0806	0.157	0.158	0.11	0.115	0.0274	0.158	0.0666	0.0178	0.0631	0.07	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.0549	0.0169	0.0374	0.12	0.0424	0.0708	0.0783	0.034	0.0483	0.0143	0.0818	0.0333	0.0085	0.032	0.034	
33'44'55'-HexaCB-(169)	ng/g	0.0300	0.0044	<0.0016	0.0034	<0.011	0.005	0.0044	<0.0043	<0.0023	0.0039	<0.0035	0.0118	<0.0053	<0.0037	<0.0037	<0.0053	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	0.0079	0.00203	0.0083	0.0119	<0.0046	<0.0051	0.0076	0.0059	0.0053	<0.0017	0.0081	<0.0036	<0.0038	<0.0033	0.0039	
Moisture Content	%	-	83	79	78	86	75	83	80	77	79	78	82	84	76	80	64	
Lipid Content	%	-	3.2	8.5	6.6	3.3	10	5.3	3.8	7.3	7.4	7.2	3.8	1.7	0.7	5.2	14	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000381**	**0.000168**	**0.000482**	**0.0011**	**0.0004**	**0.000585**	**0.000533**	**0.000357**	**0.000444**	**0.00025**	**0.00103**	**0.000542**	**0.000329**	**0.000382**	**0.000449**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCB Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - English Sole

PARAMETER	UNITS	TEF	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.0056	<0.0035	<0.0039	<0.0043	<0.0023	0.00408	0.0025	0.0029	<0.0035	0.0074	0.0034	0.0079	0.0056	0.0022	0.0041	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0048	<0.0034	<0.0037	<0.0041	<0.0022	<0.00083	<0.0020	<0.0012	<0.00086	<0.0013	<0.0011	<0.0023	<0.0011	<0.0020	<0.0018	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.189	0.0974	0.128	0.155	0.0959	0.184	0.0613	0.0996	0.123	0.2	0.0862	0.306	0.134	0.0401	0.249	
2344'5-PentaCB-(114)	ng/g	0.0000300	0.0107	0.0055	0.0082	0.0123	0.006	0.0108	0.004	0.006	0.00713	0.014	0.0062	0.0184	0.0084	0.0024	0.0149	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.586	0.293	0.365	0.445	0.3	0.562	0.223	0.289	0.379	0.59	0.278	0.938	0.437	0.117	0.806	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	0.0096	0.0055	0.008	0.0068	0.0027	0.00378	0.0019	0.0031	0.00432	0.0089	0.0027	0.0072	0.0051	0.002	0.0064	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0022	<0.0022	<0.0019	<0.0023	<0.0015	<0.00071	<0.0013	<0.00096	<0.00078	<0.0015	<0.0013	<0.0013	<0.0013	<0.0011	<0.00084	**0.00026**
HexaCB-(156)+(157)	ng/g	0.0000300	0.065	0.0363	0.0436	0.0503	0.0326	0.0581	0.0216	0.0298	0.0409	0.057	0.0325	0.0995	0.0451	0.0129	0.0874	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.0267	0.0159	0.0177	0.0182	0.0141	0.024	0.0094	0.0124	0.0166	0.0214	0.0135	0.0407	0.0174	0.00535	0.0346	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0040	<0.0034	<0.0017	<0.0038	<0.0027	<0.0011	<0.0021	<0.0011	<0.0016	<0.0014	<0.0018	<0.0030	<0.0016	<0.00098	<0.0030	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0038	<0.0022	<0.0023	<0.0032	<0.0025	<0.0021	<0.0027	<0.0015	0.0018	0.002	0.0015	0.0037	<0.0022	<0.0012	0.0033	
Moisture Content	%	-	83	80	83	84	81	82	81	82	82	84	83	82	81	81	82	
Lipid Content	%	-	0.6	0.9	0.8	0.9	0.6	0.7	0.8	0.7	0.8	0.3	0.8	1	0.8	0.6	1	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000369**	**0.000337**	**0.00026**	**0.000366**	**0.000246**	**0.00013**	**0.000204**	**0.000143**	**0.000144**	**0.00022**	**0.000197**	**0.000264**	**0.000198**	**0.000146**	**0.000211**	

Kitamaat Village Study Area - English Sole

PARAMETER	UNITS	TEF	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	0.0057	<0.0032	0.0021	<0.0033	<0.0024	<0.0027	0.0033	<0.0030	<0.0025	<0.0017	<0.0029	<0.0035	<0.0029	<0.0021	<0.0020	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0024	<0.0032	<0.0019	<0.0033	<0.0023	<0.0027	<0.0026	<0.0030	<0.0025	<0.0017	<0.0029	<0.0035	<0.0028	<0.0021	<0.0020	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.101	0.0562	0.186	0.101	0.102	0.0464	0.1	0.0694	0.0609	0.0493	0.057	0.0916	0.0809	0.0833	0.0079	
2344'5-PentaCB-(114)	ng/g	0.0000300	0.006	0.0038	0.012	<0.0050	<0.0047	<0.0023	<0.0059	0.0046	<0.0032	0.0031	0.0035	0.0059	0.0047	0.0046	<0.0022	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.285	0.158	0.59	0.296	0.279	0.129	0.307	0.214	0.168	0.133	0.166	0.27	0.236	0.238	0.0231	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	<0.0022	<0.0016	0.004	<0.0030	0.0039	<0.0018	<0.0035	0.0045	0.0023	0.0023	0.004	<0.0027	<0.0020	0.0035	<0.0024	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0019	<0.0014	<0.0023	<0.0021	<0.0017	<0.0016	<0.0031	<0.0019	<0.0012	<0.0015	<0.0019	<0.0024	<0.0017	<0.0017	<0.0021	**0.0003**
HexaCB-(156)+(157)	ng/g	0.0000300	0.0316	0.017	0.0645	0.0321	0.0327	0.0139	0.0351	0.0242	0.0183	0.0155	0.0176	0.0284	0.0276	0.0243	0.0045	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	0.0121	0.0075	0.0283	0.0149	0.0135	0.0051	0.0146	0.01	0.008	0.0068	0.0078	0.0131	0.0116	0.012	<0.0020	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0031	<0.0027	<0.0017	<0.0029	<0.0013	<0.0017	<0.0023	<0.0025	<0.0025	<0.0017	<0.0024	<0.0024	<0.0046	<0.0021	<0.0021	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0025	<0.0036	<0.0026	<0.0025	<0.0055	<0.0017	<0.0016	<0.0020	<0.0023	<0.0021	<0.0021	<0.0025	<0.0018	<0.0018	<0.0019	
Moisture Content	%	-	82	83	83	83	82	82	81	83	82	84	81	84	83	82	78	
Lipid Content	%	-	0.6	0.6	0.3	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.6	0.5	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000298**	**0.00023**	**0.000308**	**0.000312**	**0.000223**	**0.000218**	**0.000394**	**0.000276**	**0.000204**	**0.000208**	**0.000271**	**0.000326**	**0.00032**	**0.000245**	**0.000275**	

Kildala Arm Study Area - English Sole

PARAMETER	UNITS	TEF	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	20ARM-SOLE-15	95% UCLM
33'44'-TetraCB-(77)	ng/g	0.000100	<0.0027	<0.0035	<0.0029	<0.0037	<0.0024	<0.0027	<0.0019	<0.0026	<0.0032	<0.0042	<0.0027	<0.0031	<0.0026	<0.0021	<0.0020	
344'5-TetraCB-(81)	ng/g	0.000300	<0.0026	<0.0034	<0.0029	<0.0036	<0.0023	<0.0027	<0.0019	<0.0025	<0.0031	<0.0041	<0.0026	<0.0031	<0.0025	<0.0020	<0.0019	
233'44'-PentaCB-(105)	ng/g	0.0000300	0.0089	0.0125	0.0041	<0.0021	0.0083	<0.011	0.0048	0.0099	0.0085	0.0138	0.0062	0.0153	0.0312	<0.0019	<0.0015	
2344'5-PentaCB-(114)	ng/g	0.0000300	<0.0018	<0.0039	<0.0026	<0.0021	<0.0021	<0.0023	<0.0019	<0.0032	<0.0032	<0.0037	<0.0027	<0.0020	0.0027	<0.0014	<0.0015	
23'44'5-PentaCB-(118)	ng/g	0.0000300	0.0267	0.038	0.0141	0.0062	0.0246	0.0367	0.0152	0.0314	0.0273	0.0383	0.0189	0.0452	0.0992	0.0077	0.0047	
23'44'5'-PentaCB-(123)	ng/g	0.0000300	<0.0020	<0.0042	<0.0028	<0.0023	<0.0023	<0.0026	<0.0021	<0.0035	<0.0035	<0.0040	<0.0029	<0.0022	0.003	<0.0016	<0.0017	
33'44'5-PentaCB-(126)	ng/g	0.100	<0.0018	<0.0037	<0.0025	<0.0020	<0.0021	<0.0023	<0.0018	<0.0031	<0.0031	<0.0036	<0.0026	<0.0019	<0.0025	<0.0014	<0.0015	**ND (0.00037)**
HexaCB-(156)+(157)	ng/g	0.0000300	<0.0056	<0.0033	<0.0029	<0.0032	<0.0030	0.0034	<0.0048	0.0045	<0.0031	0.0043	<0.0029	0.0049	0.0097	<0.0016	<0.0014	
23'44'55'-HexaCB-(167)	ng/g	0.0000300	<0.0052	<0.0031	<0.0027	<0.0030	<0.0029	<0.0028	<0.0046	<0.0022	<0.0029	<0.0030	<0.0027	<0.0030	0.0055	<0.0015	<0.0013	
33'44'55'-HexaCB-(169)	ng/g	0.0300	<0.0057	<0.0033	<0.0030	<0.0033	<0.0031	<0.0031	<0.0050	<0.0023	<0.0032	<0.0032	<0.0029	<0.0033	<0.0017	<0.0017	<0.0014	
233'44'55'-HeptaCB-(189)	ng/g	0.0000300	<0.0042	<0.0041	<0.0049	<0.0044	<0.0034	<0.0039	<0.0040	<0.0042	<0.0034	<0.0049	<0.0025	<0.0027	<0.0020	<0.0014	<0.00083	
Moisture Content	%	-	82	83	81	80	81	81	81	82	82	83	82	84	83	82	81	
Lipid Content	%	-	0.4	0.4	0.6	0.8	1.4	0.6	0.2	0.4	0.3	0.3	0.4	0.4	0.3	0.6	0.3	
TOTAL TOXIC EQUIVALENCY	**ng/g TEQ**	**N/A**	**0.000354**	**0.000472**	**0.000342**	**0.000301**	**0.000305**	**0.000326**	**0.000332**	**0.000382**	**0.000409**	**0.00046**	**0.000349**	**0.000293**	**0.000307**	**0.000192**	**0.000193**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Dungeness Crab

PARAMATER	UNITS	TEF	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.100	<0.105	<0.116	<0.103	<0.114	<0.106	<0.110	<0.101	<0.101	<0.107	<0.116	<0.105	<0.106	<0.101	<0.105	
1,2,3,7,8-Penta CDD	pg/g	1	<0.119	<0.117	<0.116	<0.118	<0.102	<0.116	<0.111	<0.116	<0.108	<0.107	<0.108	<0.102	<0.109	<0.111	<0.0997	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.105	<0.0974	<0.117	<0.111	<0.0993	<0.119	<0.108	<0.100	<0.112	<0.106	<0.106	0.113	<0.105	<0.106	<0.105	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.104	<0.0970	<0.117	<0.110	<0.0989	<0.118	<0.107	<0.100	<0.111	<0.106	<0.105	<0.105	<0.105	<0.105	<0.105	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.109	<0.101	<0.122	<0.115	<0.103	<0.123	<0.112	<0.104	<0.116	<0.111	<0.110	<0.109	<0.109	<0.110	<0.109	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.0923	<0.105	<0.121	<0.0959	0.129	0.175	<0.120	<0.101	<0.105	0.377	0.355	0.176	0.12	0.255	0.184	
Octa CDD	pg/g	0.0003	<0.131	<0.138	<0.317	<0.125	0.557	0.483	<0.411	<0.134	0.405	1.23	2.08	0.529	0.549	0.473	0.262	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.115	<0.114	<0.107	<0.104	<0.114	<0.108	<0.111	<0.101	<0.109	0.143	<0.110	0.152	0.123	<0.106	<0.109	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.123	<0.104	<0.110	<0.113	<0.0856	<0.0893	<0.114	<0.108	<0.115	<0.116	<0.108	<0.113	<0.113	<0.113	<0.0942	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.115	<0.0973	<0.102	<0.105	<0.0797	<0.0832	<0.106	<0.101	<0.107	<0.108	<0.100	<0.105	<0.105	<0.105	<0.0878	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.0752	<0.0935	<0.110	<0.0804	<0.0637	<0.0750	<0.106	<0.0605	<0.101	<0.106	<0.101	<0.105	<0.102	<0.0972	<0.0672	ND (0.341)
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0773	<0.0961	<0.113	<0.0825	<0.0654	<0.0770	<0.108	<0.0622	<0.104	<0.109	<0.103	<0.108	<0.104	<0.0998	<0.0690	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0749	<0.0931	<0.109	<0.0800	<0.0634	<0.0747	<0.105	<0.0603	<0.101	<0.106	<0.100	<0.105	<0.101	<0.0968	<0.0669	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.0782	<0.0972	<0.114	<0.0835	<0.0662	<0.0780	<0.110	<0.0629	<0.105	<0.111	<0.105	<0.109	<0.106	<0.101	<0.0698	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0979	<0.106	<0.114	<0.0804	<0.0923	<0.0959	<0.108	<0.0918	<0.103	0.107	0.122	<0.102	<0.119	<0.113	<0.117	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0976	<0.105	<0.113	<0.0801	<0.0920	<0.0955	<0.108	<0.0914	<0.103	<0.103	<0.119	<0.102	<0.119	<0.112	<0.116	
Octa CDF	pg/g	0.0003	<0.112	<0.123	<0.131	<0.134	<0.120	<0.0753	<0.108	<0.115	0.126	<0.112	0.378	0.204	0.212	<0.103	0.113	
Moisture Content	%	-	82	84	81	82	85	81	80	80	81	81	78	81	84	83	81	
Lipid Content	%	-	0.8	0.3	0.6	0.7	0.4	0.9	0.8	0.5	0.6	0.9	1.1	0.7	0.6	0.6	0.8	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.334**	**0.336**	**0.36**	**0.335**	**0.313**	**0.331**	**0.346**	**0.319**	**0.334**	**0.346**	**0.348**	**0.337**	**0.339**	**0.334**	**0.308**	

Kitamaat Village Study Area - Dungeness Crab

PARAMATER	UNITS	TEF	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	20VIL-CRAB-04	20VIL-CRAB-05	20VIL-CRAB-06	20VIL-CRAB-07	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.0784	<0.0992	<0.100	<0.0726	<0.0831	<0.0706	<0.0640	<0.0776	<0.0761	<0.0986	<0.0866	<0.0902	<0.0810	<0.105	<0.0961	
1,2,3,7,8-Penta CDD	pg/g	1	<0.131	<0.107	<0.166	<0.166	<0.142	<0.177	<0.123	<0.121	<0.111	<0.165	<0.163	<0.169	<0.157	<0.165	<0.132	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.0981	<0.111	<0.0770	<0.0778	<0.0914	<0.0771	<0.0854	<0.0701	<0.0773	<0.0910	<0.0689	<0.0935	<0.0670	<0.0889	<0.0726	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.0928	<0.112	0.173	0.0969	<0.0890	<0.0758	<0.0772	0.0887	0.133	<0.0738	<0.0670	<0.0768	0.194	<0.0791	<0.0638	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.0921	<0.118	<0.0708	<0.0728	<0.0871	<0.0738	<0.0783	<0.0688	<0.0708	<0.0788	<0.0609	<0.0815	0.0877	<0.0808	<0.0656	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.127	0.184	0.239	0.17	<0.0780	<0.0630	0.126	0.136	<0.140	<0.0780	<0.105	<0.0801	<0.237	<0.0620	<0.0720	
Octa CDD	pg/g	0.0003	0.218	0.289	<0.243	0.188	0.143	0.106	0.234	0.104	0.276	0.137	<0.117	0.123	0.291	0.13	0.118	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.0530	<0.110	0.171	0.138	<0.0750	0.0623	<0.0690	0.12	0.196	0.0843	<0.100	<0.0555	0.27	0.0711	0.126	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.0863	<0.113	<0.113	<0.0907	<0.104	<0.0942	<0.0719	<0.0908	<0.0773	<0.0931	<0.0992	<0.111	<0.0928	<0.0957	<0.114	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0689	<0.103	<0.0864	<0.0719	<0.0858	<0.0755	<0.0561	<0.0702	<0.0628	<0.0751	<0.0773	<0.0864	<0.0724	<0.0775	<0.0903	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.0839	<0.120	<0.0764	<0.0526	<0.0651	<0.0623	<0.0400	<0.0538	<0.0490	<0.0642	<0.0610	<0.0654	<0.0730	<0.0610	<0.0495	ND (0.341)
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0839	<0.123	<0.0732	<0.0534	<0.0635	<0.0625	<0.0363	<0.0531	<0.0459	<0.0585	<0.0559	<0.0649	<0.0584	<0.0576	<0.0471	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0839	<0.116	<0.0790	<0.0536	<0.0621	<0.0664	<0.0377	<0.0508	<0.0493	<0.0620	<0.0579	<0.0653	<0.0598	<0.0594	<0.0478	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.0887	<0.124	<0.0818	<0.0599	<0.0682	<0.0729	<0.0415	<0.0548	<0.0507	<0.0653	<0.0613	<0.0677	<0.0633	<0.0637	<0.0510	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.235	0.718	0.412	0.327	0.261	0.266	0.261	0.232	0.317	0.249	0.241	0.248	0.267	0.264	0.323	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0228	<0.120	<0.115	<0.0541	<0.0567	<0.0534	<0.0510	<0.0533	<0.0550	<0.0552	<0.0699	<0.0610	<0.0577	<0.0548	<0.0583	
Octa CDF	pg/g	0.0003	0.114	0.417	0.193	0.166	0.129	<0.0860	0.12	0.0993	0.161	<0.115	0.127	<0.119	<0.111	0.118	0.171	
Moisture Content	%	-	81	80	82	81	80	83	81	81	82	80	83	81	83	80	82	
Lipid Content	%	-	0.7	0.6	0.9	0.9	0.5	0.4	0.3	0.5	0.5	0.7	0.5	0.6	0.6	0.6	0.6	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.304**	**0.344**	**0.383**	**0.329**	**0.318**	**0.332**	**0.257**	**0.283**	**0.281**	**0.351**	**0.333**	**0.349**	**0.356**	**0.356**	**0.316**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kildala Arm Study Area - Dungeness Crab

PARAMATER	UNITS	TEF	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	20ARM-CRAB-14	20ARM-CRAB-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.0654	<0.0918	<0.0732	<0.0617	<0.107	<0.0878	<0.113	<0.0752	<0.0642	<0.0554	<0.0722	<0.0692	<0.0522	<0.0674	<0.0589	
1,2,3,7,8-Penta CDD	pg/g	1	0.106	<0.0899	<0.0812	<0.0731	<0.107	<0.0802	<0.112	<0.0882	<0.0705	<0.0737	<0.0868	<0.0806	<0.0618	<0.0783	<0.0547	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	0.0554	<0.0683	<0.0760	<0.0511	<0.0769	<0.0562	<0.0861	<0.0451	<0.0551	<0.0433	<0.0557	<0.0509	<0.0535	<0.0392	<0.0413	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.0971	<0.0508	<0.0643	<0.0492	<0.0556	<0.0494	<0.0748	<0.0392	<0.0499	0.0559	<0.0540	0.0595	<0.0481	<0.0460	<0.0382	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	0.0704	<0.0650	<0.0673	<0.0486	<0.0624	<0.0511	<0.0773	<0.0407	<0.0508	<0.0405	<0.0511	<0.0469	<0.0492	<0.0460	<0.0385	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.119	<0.106	<0.0850	0.0634	<0.0860	<0.118	0.116	<0.0424	0.0842	0.106	<0.0890	<0.0830	0.086	0.0974	0.0778	
Octa CDD	pg/g	0.0003	0.148	<0.115	<0.0932	<0.0745	<0.100	0.138	<0.0864	<0.0647	<0.0750	0.184	0.128	<0.0830	0.13	<0.0900	0.121	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.0480	<0.0482	<0.0422	0.0656	0.0987	<0.0409	0.106	<0.0419	<0.0391	0.0814	0.121	<0.121	<0.0328	0.0819	<0.0340	
1,2,3,7,8-Penta CDF	pg/g	0.03	0.101	<0.0810	<0.0665	<0.0671	<0.0825	<0.0742	<0.0812	<0.0590	0.0629	<0.0650	<0.0552	<0.0690	<0.0500	0.0716	<0.0500	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.0736	<0.0645	<0.0532	<0.0521	<0.0635	<0.0586	<0.0644	<0.0442	<0.0440	0.0389	0.0441	<0.0512	<0.0380	0.0451	<0.0385	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	0.0937	<0.0550	<0.0438	<0.0348	<0.0474	<0.0490	<0.0583	<0.0410	0.0416	<0.0350	0.0549	0.0518	<0.0430	0.0572	<0.0370	ND (0.239)
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0950	<0.0503	<0.0432	<0.0343	<0.0478	<0.0443	<0.0583	<0.0380	<0.0349	<0.0300	<0.0400	<0.0350	<0.0490	0.0679	<0.0293	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	0.0962	<0.0540	<0.0405	<0.0336	<0.0441	<0.0460	<0.0540	<0.0359	<0.0344	0.0401	<0.0450	<0.0430	<0.0380	0.0522	<0.0300	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	0.0684	<0.0532	<0.0428	<0.0352	<0.0520	<0.0456	<0.0575	<0.0378	<0.0410	<0.0340	0.0579	<0.0400	<0.0403	<0.0560	<0.0294	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.0782	0.0555	0.0474	0.0349	<0.0510	1.12	<0.0520	0.0422	0.0528	<0.131	0.289	<0.0930	0.0867	0.0891	0.122	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	0.094	<0.0529	<0.0410	<0.0357	<0.0475	<0.0367	<0.0401	<0.0274	<0.0390	<0.0350	<0.0400	<0.0370	<0.0400	<0.0420	<0.0300	
Octa CDF	pg/g	0.0003	0.172	<0.0770	<0.0566	<0.0555	0.0868	0.359	<0.0810	<0.0618	0.0875	0.0928	0.163	0.103	0.147	0.115	0.0768	
Moisture Content	%	-	85	83	82	82	83	84	82	86	87	83	82	83	82	82	86	
Lipid Content	%	-	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0	0.1	0	0.4	0.3	0.1	0.3	0.2	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.262**	**0.25**	**0.216**	**0.189**	**0.286**	**0.239**	**0.306**	**0.212**	**0.186**	**0.182**	**0.226**	**0.214**	**0.165**	**0.208**	**0.157**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Hepatopancreas

PARAMATER	UNITS	TEF	20LNG-HEP-46	20LNG-HEP-47	20LNG-HEP-48	20LNG-HEP-49	20LNG-HEP-50	20LNG-HEP-51	20LNG-HEP-52	20LNG-HEP-53	20LNG-HEP-54	20LNG-HEP-55	20LNG-HEP-56	20LNG-HEP-57	20LNG-HEP-58	20LNG-HEP-59	20LNG-HEP-60	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.101	<0.104	<0.101	<0.110	<0.115	0.111	0.184	<0.105	<0.105	<0.102	<0.111	0.203	<0.109	<0.106	<0.102	
1,2,3,7,8-Penta CDD	pg/g	1	<0.235	<0.295	0.23	0.313	<0.116	0.481	0.716	0.399	0.246	<0.358	<0.314	0.568	0.38	0.382	0.262	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.117	<0.109	<0.103	<0.102	<0.117	<0.112	<0.103	0.128	<0.0985	<0.102	<0.105	0.126	<0.103	<0.100	<0.102	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.427	0.555	0.442	0.754	<0.120	0.677	<1.28	1.11	<0.454	0.757	0.844	0.947	0.983	0.609	<0.418	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.141	0.148	0.175	0.191	<0.122	0.324	0.38	0.397	0.271	0.243	<0.251	0.351	0.314	0.232	<0.151	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	0.511	<0.590	0.538	0.826	0.208	3.39	2.25	5.61	0.842	0.537	3.82	1.89	6.25	0.38	0.542	
Octa CDD	pg/g	0.0003	0.968	0.844	0.867	1.3	0.54	3.61	2.34	13.7	1.25	0.715	8.75	4.51	12.6	0.483	0.695	
2,3,7,8-Tetra CDF	pg/g	0.1	1.31	1.35	0.797	1.26	0.523	1.29	2.89	1.59	0.975	1.05	1.16	2.87	1.99	1.58	1.07	
1,2,3,7,8-Penta CDF	pg/g	0.03	0.128	<0.102	<0.110	<0.111	<0.119	<0.108	<0.161	<0.166	<0.102	<0.117	<0.110	0.215	<0.107	0.174	<0.116	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.176	<0.0951	<0.102	<0.128	<0.110	0.177	0.342	<0.217	0.162	0.142	0.162	<0.294	0.255	0.197	<0.140	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.103	<0.106	<0.0995	<0.108	<0.107	<0.102	<0.155	0.168	0.139	0.112	<0.0990	0.179	<0.120	<0.139	<0.100	0.941
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.105	<0.109	<0.102	<0.111	<0.109	<0.101	<0.105	0.15	<0.101	<0.110	<0.102	0.11	<0.102	<0.117	<0.103	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.102	<0.106	<0.0991	<0.108	<0.106	<0.0978	<0.102	<0.109	<0.0976	<0.107	<0.0986	<0.105	<0.0989	<0.113	<0.0996	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.107	<0.110	<0.103	<0.112	<0.111	<0.102	<0.107	<0.114	<0.102	<0.111	<0.103	<0.109	<0.103	<0.118	<0.104	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.196	<0.153	0.119	0.157	<0.112	0.243	0.337	<0.428	0.252	0.159	0.377	0.274	0.41	0.165	<0.130	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.108	<0.113	<0.112	<0.101	<0.112	<0.107	<0.106	<0.103	<0.115	<0.107	<0.114	<0.103	<0.101	<0.107	<0.0991	
Octa CDF	pg/g	0.0003	<0.287	0.175	<0.116	0.178	<0.108	0.207	0.254	0.353	<0.204	<0.112	0.3	0.378	0.261	0.185	0.159	
Moisture Content	%	-	82	75	87	84	87	81	79	80	80	72	78	71	81	76	84	
Lipid Content	%	-	7.7	11	3	4.1	0.9	3.4	8	6.6	6	7.8	9	16	5.8	11	1.8	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.622**	**0.579**	**0.565**	**0.717**	**0.39**	**0.944**	**1.47**	**0.984**	**0.612**	**0.759**	**0.765**	**1.32**	**0.972**	**0.825**	**0.609**	

Kitamaat Village Study Area - Hepatopancreas

PARAMATER	UNITS	TEF	20VIL-HEP-17	20VIL-HEP-21	20VIL-HEP-24	20VIL-HEP-25	20VIL-HEP-26	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-31	20VIL-HEP-32	20VIL-HEP-38	20VIL-HEP-39	20VIL-HEP-40	20VIL-HEP-41	20VIL-HEP-42	20VIL-HEP-43	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.141	<0.143	<0.0830	<0.0820	0.202	0.199	0.44	<0.0715	<0.208	<0.0954	<0.121	0.144	<0.0827	<0.0968	<0.155	
1,2,3,7,8-Penta CDD	pg/g	1	0.407	0.312	0.58	0.446	0.944	1.45	2.2	0.336	<0.379	0.258	<0.365	<0.293	0.24	<0.311	<0.388	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	0.13	<0.107	<0.106	0.128	0.269	0.954	1.96	<0.0920	<0.439	<0.0904	<0.131	<0.111	<0.0980	<0.0925	<0.112	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	0.655	0.638	1.08	0.697	2.05	1.81	2.94	0.99	<0.388	0.276	0.845	0.708	0.56	0.478	0.704	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	0.362	<0.197	0.379	0.321	0.744	1.36	2.79	0.328	<0.157	<0.0880	0.298	<0.197	<0.193	<0.101	0.19	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	3.18	0.693	1.07	0.862	2.57	2.08	4.27	0.747	0.497	0.452	1.61	1.78	0.821	<0.335	0.856	
Octa CDD	pg/g	0.0003	3.05	1.1	0.703	0.515	1.32	3.5	7.53	0.511	0.306	0.943	3.83	2.78	0.651	0.752	1.16	
2,3,7,8-Tetra CDF	pg/g	0.1	1.77	1.21	1.42	1.17	2.03	1.91	1.99	1.18	<0.962	1.2	1.72	1.54	1.31	1.24	1.79	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.132	<0.138	<0.169	<0.144	0.288	0.929	1.7	0.118	<0.218	<0.109	<0.195	<0.128	<0.0908	<0.130	<0.165	
2,3,4,7,8-Penta CDF	pg/g	0.3	0.234	<0.169	0.195	0.162	0.392	1.3	2.19	0.218	<0.174	0.161	<0.229	0.21	0.15	<0.180	<0.171	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	0.173	<0.133	0.146	0.113	0.288	0.987	1.78	<0.142	<0.0884	<0.0970	0.211	<0.108	<0.115	<0.0741	<0.0610	2.751
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0865	<0.0859	<0.0783	<0.0730	0.229	0.974	1.82	<0.0670	<0.0848	<0.0726	0.106	<0.0830	<0.0610	<0.0724	<0.0580	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0877	<0.108	<0.0840	<0.104	0.256	1.34	2.68	<0.0990	<0.0860	<0.0834	<0.0740	<0.0800	<0.0770	<0.0753	<0.0930	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.0928	<0.0901	<0.0803	<0.0520	0.218	1.25	2.65	<0.0640	<0.0886	<0.0871	<0.0478	<0.0615	<0.0616	<0.0778	0.144	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.334	0.617	0.6	0.247	0.594	1.16	2.4	<0.128	0.633	0.248	0.568	0.404	<0.133	0.22	0.255	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0630	<0.0652	<0.102	<0.0837	0.264	1.47	3.09	<0.0460	<0.109	<0.0619	<0.0709	<0.0733	<0.0442	<0.0592	<0.0652	
Octa CDF	pg/g	0.0003	0.354	0.247	0.266	0.194	0.646	3.3	6.79	<0.0790	0.179	0.332	<0.489	0.473	<0.120	<0.175	<0.0921	
Moisture Content	%	-	65	82	72	74	76	82	70	71	78	75	75	70	72	86	76	
Lipid Content	%	-	22	3.6	11	11	13	4.5	16	15	6.9	13	11	13	13	3.5	9.3	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.929**	**0.723**	**1.02**	**0.8**	**1.89**	**3.14**	**5.25**	**0.757**	**0.884**	**0.579**	**0.91**	**0.799**	**0.6**	**0.658**	**0.886**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kildala Arm Study Area - Hepatopancreas

PARAMATER	UNITS	TEF	20ARM-HEP-46	20ARM-HEP-47	20ARM-HEP-48	20ARM-HEP-49	20ARM-HEP-50	20ARM-HEP-51	20ARM-HEP-52	20ARM-HEP-53	20ARM-HEP-54	20ARM-HEP-55	20ARM-HEP-56	20ARM-HEP-57	20ARM-HEP-58	20ARM-HEP-59	20ARM-HEP-60	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.145	<0.123	<0.133	<0.0649	<0.132	<0.117	<0.0954	<0.145	<0.118	<0.132	<0.136	<0.146	<0.146	<0.127	<0.143	
1,2,3,7,8-Penta CDD	pg/g	1	<0.131	<0.135	<0.143	0.252	<0.141	<0.140	<0.133	<0.140	<0.124	<0.139	0.273	<0.412	<0.111	<0.110	<0.139	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.133	<0.120	<0.143	0.141	<0.120	<0.111	<0.125	<0.118	<0.111	<0.131	<0.129	<0.126	<0.123	<0.0998	<0.129	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.134	<0.121	<0.144	0.302	<0.121	<0.112	<0.125	<0.119	<0.112	<0.132	0.316	0.426	<0.124	0.174	<0.130	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.142	<0.128	<0.153	0.177	<0.128	<0.118	<0.133	<0.125	<0.118	<0.140	<0.137	<0.133	<0.131	<0.106	<0.137	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.137	0.186	<0.146	0.181	<0.130	0.242	<0.124	<0.129	<0.128	<0.130	0.193	<0.155	0.176	<0.128	<0.126	
Octa CDD	pg/g	0.0003	0.215	0.22	<0.124	<0.209	<0.135	1.07	<0.124	<0.122	0.229	<0.138	<0.140	<0.152	1.23	<0.142	0.175	
2,3,7,8-Tetra CDF	pg/g	0.1	0.72	0.338	0.864	0.744	0.322	0.18	<0.143	0.363	0.361	0.288	1.47	2.08	0.472	0.645	0.639	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.134	<0.138	<0.139	0.232	<0.105	<0.106	<0.144	<0.141	<0.104	<0.135	0.302	<0.149	<0.138	<0.148	<0.138	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.123	<0.126	<0.127	0.202	<0.0956	<0.0973	<0.131	<0.129	<0.0950	<0.123	<0.140	0.317	<0.126	<0.135	<0.126	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.109	<0.130	<0.103	0.206	<0.114	<0.0953	<0.0964	<0.116	<0.111	<0.107	<0.0993	<0.148	<0.0926	<0.105	<0.140	ND (0.568)
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.112	<0.133	<0.106	0.166	<0.117	<0.0978	<0.0989	<0.119	<0.114	<0.110	<0.102	<0.152	<0.0950	<0.108	<0.143	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.105	<0.126	<0.0999	0.148	<0.110	<0.0924	<0.0934	<0.112	<0.108	<0.104	<0.0962	<0.144	<0.0897	<0.102	<0.135	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.113	<0.134	<0.107	<0.110	<0.118	<0.0987	<0.0998	<0.120	<0.115	<0.111	<0.103	<0.153	<0.0959	<0.109	<0.144	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.104	0.37	<0.104	0.15	<0.112	<0.127	<0.117	<0.0981	<0.111	<0.142	<0.133	<0.120	<0.142	<0.116	0.548	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.100	<0.117	<0.100	0.107	<0.108	<0.123	<0.114	<0.0948	<0.107	<0.137	<0.128	<0.116	<0.137	<0.113	<0.101	
Octa CDF	pg/g	0.0003	<0.143	<0.142	<0.120	0.2	<0.108	0.158	<0.125	<0.133	<0.142	<0.133	<0.140	<0.155	0.207	<0.143	<0.176	
Moisture Content	%	-	79	83	78	71	82	80	87	80	81	79	75	68	79	84	81	
Lipid Content	%	-	5.6	4.7	7	10	3.3	3.7	1.2	5	4.7	6.2	14	16	8.4	2.4	6.1	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.477**	**0.43**	**0.494**	**0.588**	**0.423**	**0.385**	**0.367**	**0.45**	**0.392**	**0.428**	**0.689**	**0.98**	**0.426**	**0.43**	**0.491**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - English Sole

PARAMATER	UNITS	TEF	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.111	<0.102	<0.109	<0.0995	<0.108	<0.102	<0.102	<0.106	<0.115	<0.106	<0.104	<0.107	<0.116	<0.103	<0.110	
1,2,3,7,8-Penta CDD	pg/g	1	<0.106	<0.0983	<0.115	<0.114	<0.105	<0.117	<0.113	<0.114	<0.111	<0.101	<0.104	<0.111	<0.111	<0.111	<0.109	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.104	<0.100	<0.104	<0.0982	<0.104	<0.0988	<0.104	<0.101	<0.103	<0.109	<0.105	<0.103	<0.110	<0.0986	<0.108	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.104	<0.100	<0.104	<0.0978	<0.103	<0.0984	<0.103	<0.101	<0.102	<0.109	<0.105	<0.102	<0.110	<0.0983	<0.108	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.109	<0.105	<0.108	<0.102	<0.108	<0.103	<0.108	<0.105	<0.107	<0.113	<0.109	<0.107	<0.115	<0.103	<0.113	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.103	0.153	<0.111	0.18	<0.111	<0.103	<0.101	0.247	<0.293	<0.108	<0.117	<0.113	<0.111	<0.116	<0.113	
Octa CDD	pg/g	0.0003	0.138	1.13	0.165	0.295	<0.251	<0.181	0.29	1.38	1.57	<0.235	0.329	0.264	0.204	0.269	0.523	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.114	<0.108	<0.105	<0.102	<0.107	<0.111	<0.105	<0.101	<0.118	<0.0998	<0.119	<0.103	<0.103	<0.107	<0.114	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.120	<0.108	<0.112	<0.108	<0.112	<0.119	<0.0988	<0.104	<0.123	<0.119	<0.117	<0.108	<0.108	<0.120	<0.107	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.111	<0.101	<0.104	<0.101	<0.104	<0.111	<0.0921	<0.0973	<0.114	<0.111	<0.109	<0.101	<0.101	<0.112	<0.0999	ND (0.348)
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.106	<0.111	<0.110	<0.109	<0.102	<0.114	<0.113	<0.109	<0.110	<0.116	<0.115	<0.114	<0.103	<0.111	<0.106	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.109	<0.114	<0.113	<0.112	<0.105	<0.117	<0.116	<0.112	<0.113	<0.119	<0.118	<0.117	<0.106	<0.114	<0.109	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.106	<0.110	<0.110	<0.108	<0.102	<0.113	<0.113	<0.108	<0.110	<0.115	<0.115	<0.114	<0.103	<0.111	<0.106	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.110	<0.115	<0.114	<0.113	<0.106	<0.118	<0.117	<0.113	<0.115	<0.120	<0.120	<0.119	<0.107	<0.116	<0.110	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	0.358	0.392	0.341	0.369	0.382	0.348	0.397	0.521	0.403	0.403	0.436	0.362	0.297	0.374	0.387	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.116	<0.110	<0.106	<0.105	<0.111	<0.102	<0.107	<0.115	<0.118	<0.111	<0.102	<0.108	<0.113	<0.105	<0.108	
Octa CDF	pg/g	0.0003	0.145	0.188	0.157	0.128	0.206	0.186	<0.210	0.391	0.304	0.24	0.183	0.251	<0.175	<0.226	0.206	
Moisture Content	%	-	83	80	83	84	81	82	81	82	82	84	83	82	81	81	82	
Lipid Content	%	-	0.6	0.9	0.8	0.9	0.6	0.7	0.8	0.7	0.8	0.3	0.8	1	0.8	0.6	1	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.346**	**0.327**	**0.351**	**0.338**	**0.337**	**0.349**	**0.34**	**0.347**	**0.36**	**0.34**	**0.342**	**0.345**	**0.352**	**0.343**	**0.346**	

Kitamaat Village Study Area - English Sole

PARAMATER	UNITS	TEF	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.124	<0.123	<0.128	<0.0848	<0.114	<0.108	<0.109	<0.0937	<0.137	<0.0892	<0.130	<0.123	<0.132	<0.180	<0.0967	
1,2,3,7,8-Penta CDD	pg/g	1	<0.0416	<0.121	<0.108	<0.133	<0.105	<0.117	<0.111	<0.130	<0.110	<0.0984	<0.121	<0.122	<0.126	<0.165	<0.135	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.110	<0.135	<0.108	<0.0998	<0.118	<0.116	<0.112	<0.101	<0.111	<0.101	<0.126	<0.127	<0.132	<0.136	<0.118	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.109	<0.135	<0.107	<0.100	<0.119	<0.117	<0.112	<0.102	<0.111	<0.102	<0.126	<0.128	<0.133	<0.136	<0.118	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.101	<0.125	<0.0994	<0.106	<0.125	<0.123	<0.104	<0.107	<0.118	<0.108	<0.134	<0.135	<0.141	<0.144	<0.125	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.127	<0.0863	<0.106	<0.0886	<0.114	<0.109	0.314	<0.0959	<0.103	<0.127	<0.134	<0.137	<0.136	<0.134	<0.170	
Octa CDD	pg/g	0.0003	0.181	0.338	<0.119	<0.158	<0.130	<0.114	1.51	<0.141	<0.158	<0.123	0.278	<0.213	0.287	<0.212	<0.241	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.125	<0.120	<0.116	<0.123	<0.0973	<0.103	0.125	<0.110	<0.126	<0.135	<0.120	<0.120	<0.113	<0.135	<0.109	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.117	<0.144	<0.0913	<0.0839	<0.113	<0.100	<0.109	<0.111	<0.119	<0.116	<0.0923	<0.132	<0.0896	<0.145	<0.106	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.106	<0.130	<0.0825	<0.0767	<0.103	<0.0918	<0.0981	<0.101	<0.108	<0.106	<0.0844	<0.121	<0.0819	<0.133	<0.0973	ND (0.383)
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.104	<0.127	<0.104	<0.102	<0.0853	<0.0955	<0.112	<0.0879	<0.113	<0.111	<0.129	<0.0844	<0.132	<0.0903	<0.133	
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.106	<0.130	<0.106	<0.105	<0.0875	<0.0981	<0.114	<0.0902	<0.116	<0.114	<0.133	<0.0866	<0.135	<0.0927	<0.137	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.100	<0.122	<0.100	<0.0989	<0.0826	<0.0926	<0.108	<0.0852	<0.110	<0.108	<0.125	<0.0818	<0.127	<0.0875	<0.129	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.105	<0.128	<0.105	<0.106	<0.0883	<0.0990	<0.113	<0.0910	<0.117	<0.115	<0.134	<0.0874	<0.136	<0.0935	<0.138	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.120	<0.128	0.377	<0.125	<0.114	<0.118	<0.118	<0.131	<0.104	<0.101	<0.145	<0.124	<0.496	<0.0877	0.513	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.124	<0.132	<0.114	<0.121	<0.111	<0.114	<0.122	<0.127	<0.101	<0.0981	<0.140	<0.120	<0.0993	<0.0848	<0.120	
Octa CDF	pg/g	0.0003	<0.132	<0.131	<0.127	<0.140	<0.157	<0.127	0.294	<0.100	<0.178	<0.123	<0.137	<0.237	0.229	<0.157	0.3	
Moisture Content	%	-	82	83	83	83	82	82	81	83	82	84	81	84	83	82	78	
Lipid Content	%	-	0.6	0.6	0.3	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.6	0.5	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.291**	**0.393**	**0.354**	**0.331**	**0.337**	**0.343**	**0.349**	**0.338**	**0.378**	**0.316**	**0.386**	**0.374**	**0.398**	**0.484**	**0.373**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

PCDD/F Concentrations in Seafood Samples (Post-dredge, August 2020)

Kildala Arm Study Area - English Sole

PARAMATER	UNITS	TEF	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	20ARM-SOLE-15	95% UCLM
2,3,7,8-Tetra CDD	pg/g	1	<0.0248	<0.0184	<0.0272	<0.0226	<0.0230	<0.0301	<0.0556	<0.0812	<0.109	<0.0736	<0.0631	<0.0750	<0.0268	<0.0232	<0.0209	
1,2,3,7,8-Penta CDD	pg/g	1	<0.0194	<0.0134	<0.0220	<0.0130	<0.0154	<0.0136	<0.0516	<0.117	<0.0864	<0.0975	<0.0725	<0.0722	<0.0148	<0.0141	<0.0159	
1,2,3,4,7,8-Hexa CDD	pg/g	0.1	<0.0170	<0.00996	0.0257	<0.0154	<0.0198	<0.0116	<0.0444	<0.0729	<0.0727	<0.0731	<0.0657	<0.0491	<0.0160	<0.0350	<0.0138	
1,2,3,6,7,8-Hexa CDD	pg/g	0.1	<0.0109	<0.00868	<0.0240	<0.0260	<0.0179	<0.0108	<0.0424	<0.0675	<0.0645	<0.0629	<0.0604	<0.0419	<0.0320	<0.0126	<0.0124	
1,2,3,7,8,9-Hexa CDD	pg/g	0.1	<0.0115	<0.00896	<0.0260	<0.0170	<0.0182	<0.0108	<0.0419	<0.0677	<0.0660	<0.0653	<0.0608	<0.0437	<0.0290	<0.0130	<0.0160	
1,2,3,4,6,7,8-Hepta CDD	pg/g	0.01	<0.0840	<0.0600	<0.106	0.188	<0.0700	<0.0700	<0.118	<0.0723	<0.107	<0.0707	0.233	<0.0582	<0.0630	<0.0710	0.132	
Octa CDD	pg/g	0.0003	<0.231	0.0746	0.268	0.463	0.17	0.113	0.266	0.123	0.165	0.223	0.778	<0.0840	<0.138	0.202	0.284	
2,3,7,8-Tetra CDF	pg/g	0.1	<0.0133	<0.0260	<0.0510	<0.0300	<0.0260	<0.0340	<0.0399	<0.0540	<0.0515	<0.0603	<0.0500	<0.0585	<0.0630	<0.0113	<0.00989	
1,2,3,7,8-Penta CDF	pg/g	0.03	<0.0620	<0.0340	0.0613	0.0424	<0.0207	0.0471	<0.0488	<0.0722	<0.0720	<0.0836	<0.0608	<0.0680	0.0517	<0.0120	<0.0260	
2,3,4,7,8-Penta CDF	pg/g	0.3	<0.0140	<0.0120	<0.0120	0.0255	<0.0161	<0.0112	<0.0362	<0.0553	<0.0592	<0.0670	<0.0473	<0.0546	<0.0320	<0.00923	<0.0170	
1,2,3,4,7,8-Hexa CDF	pg/g	0.1	<0.0250	<0.0140	<0.0400	<0.0430	<0.0290	<0.00900	0.0432	<0.0534	<0.0501	<0.0577	<0.0660	<0.0558	<0.0320	<0.0220	<0.0320	ND (0.23)
1,2,3,6,7,8-Hexa CDF	pg/g	0.1	<0.0210	<0.0160	<0.0460	<0.0230	<0.0110	<0.0190	<0.0299	<0.0516	<0.0513	<0.0560	<0.0400	<0.0551	<0.0270	<0.00901	<0.0240	
2,3,4,6,7,8-Hexa CDF	pg/g	0.1	<0.0130	<0.0220	0.0316	<0.0240	<0.0111	0.0197	<0.0300	<0.0513	<0.0511	<0.0551	<0.0390	<0.0555	<0.0390	<0.0120	<0.00800	
1,2,3,7,8,9-Hexa CDF	pg/g	0.1	<0.0300	<0.0140	<0.0330	<0.0290	<0.0150	<0.0130	<0.0306	<0.0548	<0.0527	<0.0578	<0.0402	<0.0581	<0.0300	<0.0180	<0.0180	
1,2,3,4,6,7,8-Hepta CDF	pg/g	0.01	<0.0680	<0.0290	<0.0690	0.172	<0.0720	0.0657	0.31	0.0489	0.0866	0.369	4.18	0.0718	0.357	0.107	0.21	
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.01	<0.0110	<0.00996	<0.0220	0.0236	<0.0122	<0.0109	<0.0379	<0.0495	<0.0477	<0.0591	<0.0476	<0.0579	<0.0370	<0.0105	<0.0143	
Octa CDF	pg/g	0.0003	<0.0970	<0.0320	0.166	0.272	<0.0590	0.075	0.206	<0.0783	<0.0876	0.127	1.19	<0.0790	0.106	0.154	0.224	
Moisture Content	%	-	82	83	81	80	81	81	81	82	82	83	82	84	83	82	81	
Lipid Content	%	-	0.4	0.4	0.6	0.8	1.4	0.6	0.2	0.4	0.3	0.3	0.4	0.3	0.6	0.3	0.3	
TOTAL TOXIC EQUIVALENCY	**pg/g TEQ**	**N/A**	**0.0662**	**0.0494**	**0.0845**	**0.0693**	**0.0603**	**0.0628**	**0.155**	**0.266**	**0.264**	**0.248**	**0.239**	**0.209**	**0.0842**	**0.0557**	**0.0598**	

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

Metal COPC Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Crab Meat

PARAMETER	UNITS	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0045	0.0026	0.0018	0.0017	0.0055	0.0027	<0.0013	0.0016	0.0016	0.003	0.0047	0.0018	0.003	0.0018	0.0017	0.00322
Total (Wet Wt) Copper (Cu)	mg/kg	3.7	3.42	4.29	4.25	3.29	3.87	2.93	4.65	3.16	4.46	2.96	4.96	2.48	3.72	3.41	4.025
Total (Wet Wt) Zinc (Zn)	mg/kg	33.9	31.7	32.4	35.3	28.6	36	35.3	36.1	37.4	36.8	35.9	34.3	32.7	29.7	33.8	35.16
Moisture	%	82	84	81	82	85	81	80	80	81	81	78	81	84	83	81	N/A

Kitamaat Village Study Area - Crab Meat

PARAMETER	UNITS	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	20VIL-CRAB-04	20VIL-CRAB-05	20VIL-CRAB-06	20VIL-CRAB-07	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0033	0.0039	0.0039	0.0051	0.0027	0.0031	<0.0013	0.0029	0.0044	0.0015	0.0101	0.0022	0.0017	0.002	0.0029	0.00438
Total (Wet Wt) Copper (Cu)	mg/kg	4.24	2.89	2.78	4.5	3.68	3.8	2.44	3.76	4.6	3.8	0.597	4.41	3.27	3.98	2.88	3.91
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	36	34.4	36.3	33.3	37.9	17.2	37.4	37.6	35.4	31.9	37.2	34.1	36	36.3	36.74
Moisture	%	81	80	82	81	80	83	81	81	82	80	83	81	83	80	82	N/A

Kildala Arm Study Area - Crab Meat

PARAMETER	UNITS	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	20ARM-CRAB-14	20ARM-CRAB-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0069	0.0015	0.0058	0.0033	0.0032	0.0035	0.0018	0.0019	0.0038	0.0048	0.0023	<0.0013	0.0024	0.0044	0.00398
Total (Wet Wt) Copper (Cu)	mg/kg	3.44	5.45	7.33	5	4.98	3.63	6.35	4.34	3.52	7.67	4.2	4.29	5.74	4.86	3.17	5.56
Total (Wet Wt) Zinc (Zn)	mg/kg	26.5	29.8	34.4	33.5	35.4	26.7	32.5	23.9	21.8	34.6	34.3	34.3	29.4	35.6	29.3	32.82
Moisture	%	85	83	82	82	83	84	82	86	87	83	82	83	82	82	86	N/A

N/A = Not applicable

Metal COPC Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Hepatopancreas

PARAMETER	UNITS	20LNG-HEP-16	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	20LNG-HEP-21	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	20LNG-HEP-25	20LNG-HEP-26	20LNG-HEP-27	20LNG-HEP-28	20LNG-HEP-29	20LNG-HEP-30	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.358	0.627	0.443	0.616	0.256	0.435	0.245	0.288	1.62	1.4	0.349	0.619	0.177	0.306	0.844	0.818
Total (Wet Wt) Copper (Cu)	mg/kg	8	4.04	78.6	14.8	3.79	5.59	5.54	23.5	71.4	14.8	6.82	4.8	55.3	8.59	32.9	40.49
Total (Wet Wt) Zinc (Zn)	mg/kg	13	13.4	12.6	12.9	17.2	10.7	13.3	14	14.9	17	13	14.1	14.8	19.9	13.3	15.3
Moisture	%	77	70	87	81	67	84	77	81	85	73	76	82	77	78	81	N/A

Kitamaat Village Study Area - Hepatopancreas

PARAMETER	UNITS	20VIL-HEP-16	20VIL-HEP-17	20VIL-HEP-18	20VIL-HEP-19	20VIL-HEP-20	20VIL-HEP-21	20VIL-HEP-22	20VIL-HEP-23	20VIL-HEP-24	20VIL-HEP-25	20VIL-HEP-26	20VIL-HEP-27	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-30	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.451	<0.0013	<0.0013	1.78	0.25	0.624	0.761	0.882	0.926	0.135	0.541	0.234	0.265	1.38	0.464	0.809
Total (Wet Wt) Copper (Cu)	mg/kg	7.67	0.066	0.052	90.4	8.15	15.3	12.6	10.5	14.7	5.45	5.87	39.6	6.62	5.68	3.38	33.41
Total (Wet Wt) Zinc (Zn)	mg/kg	13.3	1.91	1.95	21.4	16.6	17.8	14	14.9	13.7	12.2	12.7	16.5	11	15.8	14.5	19.11
Moisture	%	75	65	77	76	71	82	80	83	72	74	76	83	82	70	84	N/A

Kildala Arm Study Area - Hepatopancreas

PARAMETER	UNITS	20ARM-HEP-16	20ARM-HEP-17	20ARM-HEP-18	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	20ARM-HEP-22	20ARM-HEP-23	20ARM-HEP-24	20ARM-HEP-25	20ARM-HEP-26	20ARM-HEP-27	20ARM-HEP-28	20ARM-HEP-29	20ARM-HEP-30	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.143	0.992	0.144	0.823	0.159	0.257	0.149	0.349	0.161	0.36	0.0794	0.149	0.401	0.318	0.376	0.479
Total (Wet Wt) Copper (Cu)	mg/kg	42.8	6.24	87.3	16.2	14.6	49.7	5.72	117	74	4.76	56.3	79.7	33.8	53.9	28.1	60.09
Total (Wet Wt) Zinc (Zn)	mg/kg	17.8	21.2	13.8	13.4	9.29	14.8	14.7	17.1	15	12.9	13.7	13.3	19.4	15.5	12.3	16.3
Moisture	%	84	79	84	74	76	81	71	87	86	67	86	86	83	83	85	N/A

N/A = Not applicable

Metal COPC Concentrations in Seafood Samples (Post-dredge, August 2020)

Kitimat Harbour Study Area - Sole Meat

PARAMETER	UNITS	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	<0.0013	0.0033	<0.0013	0.0026	<0.0013	0.0019	0.0071	0.0029	0.0016	<0.0013	0.0013	<0.0013	<0.0013	0.0019	0.0028
Total (Wet Wt) Copper (Cu)	mg/kg	0.085	0.09	0.103	0.096	0.1	0.116	0.104	0.096	0.108	0.11	0.157	0.123	0.096	0.11	0.105	0.115
Total (Wet Wt) Zinc (Zn)	mg/kg	3.38	3.69	3.22	3.41	3.74	3.84	3.64	3.88	3.75	3.4	3.75	3.7	3.36	3.08	4.14	3.727
Moisture	%	83	80	83	84	81	82	81	82	82	84	83	82	81	81	82	N/A

Kitamaat Village Study Area - Sole Meat

PARAMETER	UNITS	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0014	0.0014	0.0295	<0.0013	<0.0013	ND (0.0114)
Total (Wet Wt) Copper (Cu)	mg/kg	0.166	0.113	0.12	0.124	0.119	0.095	0.125	0.113	0.109	0.1	0.121	0.148	0.088	0.125	0.13	0.129
Total (Wet Wt) Zinc (Zn)	mg/kg	4.49	3.76	3.25	3.75	3.75	3.63	4.14	3.68	3.55	3.23	3.64	3.11	3.26	3.62	3.47	3.785
Moisture	%	82	83	83	83	82	82	81	83	82	84	81	84	83	82	78	N/A

Kildala Arm Study Area - Sole Meat

PARAMETER	UNITS	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	20ARM-SOLE-15	95% UCLM
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	<0.0013	<0.0013	<0.0013	<0.0013	ND (0.0013)
Total (Wet Wt) Copper (Cu)	mg/kg	0.098	0.115	0.106	0.126	0.097	0.114	0.12	0.076	0.108	0.079	1.35	0.105	0.077	0.092	0.125	0.549
Total (Wet Wt) Zinc (Zn)	mg/kg	3.59	3.95	3.38	3.15	3.54	3.66	3.87	2.8	3.16	3.24	3.25	2.88	3.03	3.31	3.54	3.51
Moisture	%	82	83	81	80	81	81	81	82	82	83	82	84	83	82	81	N/A

ND = Essentially non-detectable. More than 70% of samples are below the detection limit and there is insufficient variability to calculate a reliable 95% UCLM concentration.

N/A = Not applicable

APPENDIX 8. CERTIFIED LABORATORY RESULTS (AUGUST 2018, PRE-DREDGE)

Your Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2019/02/11
Report #: R2684323
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

MAXXAM JOB #: B873059
Received: 2018/08/28, 16:29

Sample Matrix: TISSUE
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS - Tissue Plug Wet Wt	19	2019/01/08	2019/02/01	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	1	2019/01/08	2019/02/04	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/09	2019/01/31	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	20	2019/01/09	2019/02/03	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/10	2019/02/01	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/14	2019/02/02	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/14	2019/02/03	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/15	2019/02/02	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	25	2019/01/15	2019/02/03	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	20	2019/01/16	2019/02/02	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2019/01/16	2019/02/03	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	5	2019/01/17	2019/02/03	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	12	2019/01/21	2019/01/31	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	3	2019/01/21	2019/02/01	BBY WI-00033	Auto Calc
Moisture in Tissue - Freeze Drying	35	2019/01/07	2019/01/08	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	35	2019/01/07	2019/01/09	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	35	2019/01/07	2019/01/14	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	30	2019/01/08	2019/01/10	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	45	2019/01/08	2019/01/14	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	47	2019/01/15	2019/01/16	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	1	2019/01/15	2019/01/21	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	40	2019/01/16	2019/01/17	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2019/01/16	2019/01/21	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2019/01/17	2019/01/21	BBY7SOP-00021	BCMOE BCLM Aug 2014

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Maxxam's profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Maxxam in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Analytics International Corporation o/a Maxxam Analytics

Your Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2019/02/11
Report #: R2684323
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

MAXXAM JOB #: B873059
Received: 2018/08/28, 16:29

indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Maxxam Analytics' liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Maxxam has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Maxxam, unless otherwise agreed in writing. Maxxam is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Maxxam, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Nahed Amer, Project Manager
Email: NAmer@maxxam.ca
Phone# (604) 734 7276
==========
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3829	UE3829		UE3830	UE3830		
Sampling Date								
	UNITS	LNGC-C01 MEAT	LNGC-C01 MEAT Lab-Dup	QC Batch	LNGC-C01 HEPATO	LNGC-C01 HEPATO Lab-Dup	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	6.50	6.76	9294645	1.79	2.23	0.50	9296428
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0034	0.0035	9294645	0.0069	0.0067	0.0020	9296428
Total (Wet Wt) Arsenic (As)	mg/kg	4.16	4.58	9294645	5.19	4.95	0.0050	9296428
Total (Wet Wt) Barium (Ba)	mg/kg	0.072 (1)	0.117 (2)	9294645	0.238	0.266	0.010	9296428
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9294645	<0.0020	<0.0020	0.0020	9296428
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0033	0.0038	9294645	0.0042	0.0045	0.0013	9296428
Total (Wet Wt) Boron (B)	mg/kg	1.33	1.50	9294645	2.88	2.82	0.20	9296428
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0020	0.0040	9294645	0.174	0.181	0.0013	9296428
Total (Wet Wt) Calcium (Ca)	mg/kg	852	917	9294645	3990	4600	4.0	9296428
Total (Wet Wt) Chromium (Cr)	mg/kg	0.054	0.090	9294645	0.036	0.032	0.025	9296428
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0367	0.0404	9294645	0.220	0.209	0.0013	9296428
Total (Wet Wt) Copper (Cu)	mg/kg	7.76	8.57	9294645	23.8	23.1	0.013	9296428
Total (Wet Wt) Iron (Fe)	mg/kg	10.7	12.8	9294645	64.9	64.6	0.25	9296428
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	9294645	<0.010	<0.010	0.010	9296428
Total (Wet Wt) Lead (Pb)	mg/kg	0.0037 (3)	0.0068 (2)	9294645	0.0110	0.0121	0.0013	9296428
Total (Wet Wt) Lithium (Li)	mg/kg	0.10	0.11	9294645	0.12	0.12	0.10	9296428
Total (Wet Wt) Magnesium (Mg)	mg/kg	367	390	9294645	509	518	0.40	9296428
Total (Wet Wt) Manganese (Mn)	mg/kg	0.223	0.277	9294645	1.90	2.14	0.010	9296428
Total (Wet Wt) Mercury (Hg)	mg/kg	0.034	0.039	9294645	0.045	0.048	0.013	9296428
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0316	0.0182	9294645	0.232	0.221	0.0080	9296428
Total (Wet Wt) Nickel (Ni)	mg/kg	0.033	0.044	9294645	0.243	0.221	0.010	9296428
Total (Wet Wt) Phosphorus (P)	mg/kg	2080	2290	9294645	4130	4520	2.0	9296428
Total (Wet Wt) Potassium (K)	mg/kg	3180	3490	9294645	2280	2170	2.5	9296428
Total (Wet Wt) Selenium (Se)	mg/kg	0.388	0.427	9294645	1.93	1.82	0.010	9296428
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	9294645	<50	<50	50	9296428
Total (Wet Wt) Silver (Ag)	mg/kg	0.0423	0.0500	9294645	0.206	0.205	0.0013	9296428
Total (Wet Wt) Sodium (Na)	mg/kg	3420	3750	9294645	4750	4480	2.5	9296428
Total (Wet Wt) Strontium (Sr)	mg/kg	13.6	15.8	9294645	88.7	96.4	0.013	9296428

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (Ba) above control limit - Non-homogenous sample - Increased variability of results
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(3) Duplicate RPD for (Pb) above control limit - Non-homogenous sample - Increased variability of results at or near RDL

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3829	UE3829		UE3830	UE3830		
Sampling Date								
	UNITS	LNGC-C01 MEAT	LNGC-C01 MEAT Lab-Dup	QC Batch	LNGC-C01 HEPATO	LNGC-C01 HEPATO Lab-Dup	RDL	QC Batch
Total (Wet Wt) Sulphur (S)	mg/kg	2490	2780	9294645	3230	3100	50	9296428
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	9294645	0.00060	0.00062	0.00040	9296428
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	9294645	<0.0025	<0.0025	0.0025	9296428
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	9294645	0.078	0.082	0.020	9296428
Total (Wet Wt) Titanium (Ti)	mg/kg	0.40	0.40	9294645	0.35	0.37	0.13	9296428
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	9294645	0.0077	0.0073	0.0050	9296428
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00114	9294645	0.0288	0.0310	0.00040	9296428
Total (Wet Wt) Vanadium (V)	mg/kg	0.022	0.026	9294645	0.328	0.347	0.020	9296428
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	39.1	9294645	15.8	17.0	0.20	9296428
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	9294645	<0.040	<0.040	0.040	9296428

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam Analytics International Corporation

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3832	UE3835	UE3838	UE3841		
Sampling Date							
	UNITS	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	3.36	3.81	2.34	3.42	0.50	9294645
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0027	0.0028	0.0030	0.0020	9294645
Total (Wet Wt) Arsenic (As)	mg/kg	3.62	4.57	5.30	5.90	0.0050	9294645
Total (Wet Wt) Barium (Ba)	mg/kg	0.086	0.052	0.035	0.031	0.010	9294645
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9294645
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0030	0.0036	0.0034	0.0035	0.0013	9294645
Total (Wet Wt) Boron (B)	mg/kg	1.73	1.49	1.64	0.91	0.20	9294645
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0021	0.0015	0.0031	0.0021	0.0013	9294645
Total (Wet Wt) Calcium (Ca)	mg/kg	1420	694	496	355	4.0	9294645
Total (Wet Wt) Chromium (Cr)	mg/kg	0.071	<0.025	<0.025	<0.025	0.025	9294645
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0353	0.0344	0.0489	0.0329	0.0013	9294645
Total (Wet Wt) Copper (Cu)	mg/kg	6.59	5.60	5.07	4.29	0.013	9294645
Total (Wet Wt) Iron (Fe)	mg/kg	9.59	8.96	8.54	6.78	0.25	9294645
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9294645
Total (Wet Wt) Lead (Pb)	mg/kg	0.0029	0.0026	0.0025	0.0022	0.0013	9294645
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	0.10	<0.10	0.10	9294645
Total (Wet Wt) Magnesium (Mg)	mg/kg	387	373	364	338	0.40	9294645
Total (Wet Wt) Manganese (Mn)	mg/kg	0.227	0.193	0.185	0.182	0.010	9294645
Total (Wet Wt) Mercury (Hg)	mg/kg	0.067	0.062	0.157	0.088	0.013	9294645
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0098	<0.0080	0.0088	<0.0080	0.0080	9294645
Total (Wet Wt) Nickel (Ni)	mg/kg	0.022	<0.010	<0.010	0.011	0.010	9294645
Total (Wet Wt) Phosphorus (P)	mg/kg	2520	2550	2410	2480	2.0	9294645
Total (Wet Wt) Potassium (K)	mg/kg	3270	3620	3340	3700	2.5	9294645
Total (Wet Wt) Selenium (Se)	mg/kg	0.339	0.323	0.390	0.399	0.010	9294645
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9294645
Total (Wet Wt) Silver (Ag)	mg/kg	0.0429	0.0405	0.0340	0.0238	0.0013	9294645
Total (Wet Wt) Sodium (Na)	mg/kg	3470	2810	3250	2380	2.5	9294645
Total (Wet Wt) Strontium (Sr)	mg/kg	24.8	11.6	8.42	5.64	0.013	9294645
Total (Wet Wt) Sulphur (S)	mg/kg	2930	2990	3090	2690	50	9294645
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9294645
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9294645
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9294645

RDL = Reportable Detection Limit

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3832	UE3835	UE3838	UE3841		
Sampling Date							
	UNITS	LNGC-C02 MEAT	LNGC-C03 MEAT	LNGC-C04 MEAT	LNGC-C05 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.27	0.30	0.25	0.26	0.13	9294645
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9294645
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9294645
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9294645
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	36.2	37.5	30.7	0.20	9294645
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9294645
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3847	UE3847		UE3848		
Sampling Date							
	UNITS	LNGC-C07 MEAT	LNGC-C07 MEAT Lab-Dup	QC Batch	LNGC-C07 HEPATO	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	7.92	7.76	9293301	2.71	0.50	9296428
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0022	<0.0020	9293301	0.0050	0.0020	9296428
Total (Wet Wt) Arsenic (As)	mg/kg	5.36	5.33	9293301	4.66	0.0050	9296428
Total (Wet Wt) Barium (Ba)	mg/kg	0.080	0.099	9293301	0.222	0.010	9296428
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9293301	<0.0020	0.0020	9296428
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0019	0.0021	9293301	0.0021	0.0013	9296428
Total (Wet Wt) Boron (B)	mg/kg	0.92	0.92	9293301	1.70	0.20	9296428
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0039	0.0038	9293301	0.660	0.0013	9296428
Total (Wet Wt) Calcium (Ca)	mg/kg	675	789	9293301	699	4.0	9296428
Total (Wet Wt) Chromium (Cr)	mg/kg	0.118	0.128	9293301	0.038	0.025	9296428
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0332	0.0310	9293301	0.292	0.0013	9296428
Total (Wet Wt) Copper (Cu)	mg/kg	4.42	4.34	9293301	56.4	0.013	9296428
Total (Wet Wt) Iron (Fe)	mg/kg	17.9	17.5	9293301	36.2	0.25	9296428
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	9293301	<0.010	0.010	9296428
Total (Wet Wt) Lead (Pb)	mg/kg	0.0034	0.0032	9293301	0.0064	0.0013	9296428
Total (Wet Wt) Lithium (Li)	mg/kg	0.14	0.14	9293301	0.20	0.10	9296428
Total (Wet Wt) Magnesium (Mg)	mg/kg	353	351	9293301	439	0.40	9296428
Total (Wet Wt) Manganese (Mn)	mg/kg	0.276	0.288	9293301	1.14	0.010	9296428
Total (Wet Wt) Mercury (Hg)	mg/kg	0.053	0.055	9293301	0.048	0.013	9296428
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0090	0.0098	9293301	0.223	0.0080	9296428
Total (Wet Wt) Nickel (Ni)	mg/kg	0.050	0.051	9293301	0.294	0.010	9296428
Total (Wet Wt) Phosphorus (P)	mg/kg	2060	2080	9293301	1510	2.0	9296428
Total (Wet Wt) Potassium (K)	mg/kg	3040	3060	9293301	1780	2.5	9296428
Total (Wet Wt) Selenium (Se)	mg/kg	0.333	0.333	9293301	1.93	0.010	9296428
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	9293301	<50	50	9296428
Total (Wet Wt) Silver (Ag)	mg/kg	0.0209	0.0235	9293301	0.435	0.0013	9296428
Total (Wet Wt) Sodium (Na)	mg/kg	3820	3770	9293301	5720	2.5	9296428
Total (Wet Wt) Strontium (Sr)	mg/kg	11.3	13.5	9293301	26.8	0.013	9296428
Total (Wet Wt) Sulphur (S)	mg/kg	2600	2600	9293301	2700	50	9296428
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	9293301	<0.00040	0.00040	9296428
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	9293301	<0.0025	0.0025	9296428

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3847	UE3847		UE3848		
Sampling Date							
	UNITS	LNGC-C07 MEAT	LNGC-C07 MEAT Lab-Dup	QC Batch	LNGC-C07 HEPATO	RDL	QC Batch
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	9293301	0.035	0.020	9296428
Total (Wet Wt) Titanium (Ti)	mg/kg	0.39	0.34	9293301	0.21	0.13	9296428
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	9293301	<0.0050	0.0050	9296428
Total (Wet Wt) Uranium (U)	mg/kg	0.00048	0.00102	9293301	0.0227	0.00040	9296428
Total (Wet Wt) Vanadium (V)	mg/kg	0.033	0.031	9293301	0.110	0.020	9296428
Total (Wet Wt) Zinc (Zn)	mg/kg	29.7	29.3	9293301	12.1	0.20	9296428
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	9293301	<0.040	0.040	9296428

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3853		UE3854		UE3859		
Sampling Date								
	UNITS	LNGC-C09 MEAT	QC Batch	LNGC-C09 HEPATO	QC Batch	LNGC-C11 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.15	9293301	2.27	9296428	9.77	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0024	9293301	0.0087	9296428	0.0049	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	4.93	9293301	5.12	9296428	6.62	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.028	9293301	0.358	9296428	0.070	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293301	<0.0020	9296428	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0043	9293301	0.0053	9296428	0.0034	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	1.70	9293301	6.12	9296428	1.08	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0022	9293301	0.312	9296428	0.0027	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	591	9293301	7420	9296428	468	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.101	9293301	0.104	9296428	0.103	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0653	9293301	0.245	9296428	0.0415	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	6.03	9293301	8.77	9296428	5.06	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	6.76	9293301	48.8	9296428	16.9	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293301	<0.010	9296428	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0016	9293301	0.0137	9296428	0.0043	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9293301	0.10	9296428	0.11	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	365	9293301	695	9296428	345	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	0.169	9293301	3.22	9296428	0.310	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.079	9293301	0.087	9296428	0.053	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0107	9293301	0.319	9296428	0.0081	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.045	9293301	0.176	9296428	0.035	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	2710	9293301	7190	9296428	2710	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	3530	9293301	2550	9296428	4030	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	0.375	9293301	1.53	9296428	0.459	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293301	<50	9296428	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.0478	9293301	0.108	9296428	0.0370	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	3400	9293301	3600	9296428	2480	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	9.63	9293301	163	9296428	7.26	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	3390	9293301	3660	9296428	2930	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293301	0.00129	9296428	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293301	<0.0025	9296428	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9293301	0.049	9296428	<0.020	0.020	9293301

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3853		UE3854		UE3859		
Sampling Date								
	UNITS	LNGC-C09 MEAT	QC Batch	LNGC-C09 HEPATO	QC Batch	LNGC-C11 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.23	9293301	0.58	9296428	0.46	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293301	<0.0050	9296428	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	9293301	0.0290	9296428	0.00054	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	9293301	0.148	9296428	0.034	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	39.6	9293301	15.5	9296428	35.9	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293301	<0.040	9296428	<0.040	0.040	9293301
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3862	UE3865	UE3868	UE3874		
Sampling Date							
	UNITS	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	7.10	3.75	2.18	3.31	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0024	<0.0020	<0.0020	<0.0020	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	7.42	3.89	7.82	3.77	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.227	0.048	0.019	0.031	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0062	0.0024	0.0041	0.0015	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	1.92	1.35	1.19	1.20	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0059	<0.0013	0.0027	0.0023	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	2960	563	469	374	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.089	0.062	0.094	0.038	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0497	0.0299	0.0256	0.0186	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	5.69	5.03	5.93	3.66	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	18.9	8.79	6.26	7.29	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0034	0.0021	0.0016	0.0016	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	0.18	<0.10	<0.10	<0.10	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	439	348	335	319	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	0.808	0.198	0.155	0.173	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.190	0.054	0.116	0.080	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0131	<0.0080	0.0101	<0.0080	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.044	0.024	0.043	0.013	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	2710	2640	2420	2610	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	3500	3650	3440	3910	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	0.386	0.349	0.319	0.350	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.0336	0.0323	0.0387	0.0154	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	3070	2750	2960	2520	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	45.4	9.89	8.20	6.18	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	3370	2970	2930	3050	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9293301

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3862	UE3865	UE3868	UE3874		
Sampling Date							
	UNITS	LNGC-C12 MEAT	LNGC-C13 MEAT	LNGC-C14 MEAT	LNGC-C16 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.41	0.26	0.26	0.29	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	0.00105	<0.00040	<0.00040	<0.00040	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	0.040	<0.020	<0.020	<0.020	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	35.1	35.5	32.9	32.2	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9293301
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

Maxxam Job #: B873059
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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3875		UE3877		UE3878		
Sampling Date								
	UNITS	LNGC-C16 HEPATO	QC Batch	LNGC-C17 MEAT	QC Batch	LNGC-C17 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.06	9296428	4.10	9293301	1.91	0.50	9296428
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0050	9296428	<0.0020	9293301	0.0042	0.0020	9296428
Total (Wet Wt) Arsenic (As)	mg/kg	4.32	9296428	2.86	9293301	3.15	0.0050	9296428
Total (Wet Wt) Barium (Ba)	mg/kg	0.115	9296428	0.071	9293301	0.040	0.010	9296428
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9296428	<0.0020	9293301	<0.0020	0.0020	9296428
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0034	9296428	0.0016	9293301	0.0045	0.0013	9296428
Total (Wet Wt) Boron (B)	mg/kg	1.29	9296428	1.11	9293301	0.89	0.20	9296428
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.791	9296428	0.0024	9293301	0.648	0.0013	9296428
Total (Wet Wt) Calcium (Ca)	mg/kg	469	9296428	1160	9293301	455	4.0	9296428
Total (Wet Wt) Chromium (Cr)	mg/kg	0.030	9296428	0.026	9293301	0.033	0.025	9296428
Total (Wet Wt) Cobalt (Co)	mg/kg	0.245	9296428	0.0266	9293301	0.0888	0.0013	9296428
Total (Wet Wt) Copper (Cu)	mg/kg	4.69	9296428	4.09	9293301	4.55	0.013	9296428
Total (Wet Wt) Iron (Fe)	mg/kg	42.7	9296428	8.87	9293301	27.5	0.25	9296428
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9296428	<0.010	9293301	<0.010	0.010	9296428
Total (Wet Wt) Lead (Pb)	mg/kg	0.0070	9296428	0.0024	9293301	0.0025	0.0013	9296428
Total (Wet Wt) Lithium (Li)	mg/kg	0.19	9296428	0.11	9293301	0.12	0.10	9296428
Total (Wet Wt) Magnesium (Mg)	mg/kg	398	9296428	387	9293301	389	0.40	9296428
Total (Wet Wt) Manganese (Mn)	mg/kg	1.40	9296428	0.211	9293301	0.935	0.010	9296428
Total (Wet Wt) Mercury (Hg)	mg/kg	0.075	9296428	0.091	9293301	0.132	0.013	9296428
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.212	9296428	0.0087	9293301	0.138	0.0080	9296428
Total (Wet Wt) Nickel (Ni)	mg/kg	0.240	9296428	<0.010	9293301	0.054	0.010	9296428
Total (Wet Wt) Phosphorus (P)	mg/kg	2000	9296428	2440	9293301	1460	2.0	9296428
Total (Wet Wt) Potassium (K)	mg/kg	2450	9296428	3330	9293301	1370	2.5	9296428
Total (Wet Wt) Selenium (Se)	mg/kg	1.84	9296428	0.275	9293301	0.957	0.010	9296428
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9296428	<50	9293301	<50	50	9296428
Total (Wet Wt) Silver (Ag)	mg/kg	0.0227	9296428	0.0246	9293301	0.0445	0.0013	9296428
Total (Wet Wt) Sodium (Na)	mg/kg	4280	9296428	3290	9293301	4050	2.5	9296428
Total (Wet Wt) Strontium (Sr)	mg/kg	14.5	9296428	20.4	9293301	6.75	0.013	9296428
Total (Wet Wt) Sulphur (S)	mg/kg	3480	9296428	2870	9293301	2050	50	9296428
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00055	9296428	<0.00040	9293301	<0.00040	0.00040	9296428
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9296428	<0.0025	9293301	<0.0025	0.0025	9296428
Total (Wet Wt) Tin (Sn)	mg/kg	0.031	9296428	<0.020	9293301	0.033	0.020	9296428

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3875		UE3877		UE3878		
Sampling Date								
	UNITS	LNGC-C16 HEPATO	QC Batch	LNGC-C17 MEAT	QC Batch	LNGC-C17 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.22	9296428	0.27	9293301	0.17	0.13	9296428
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9296428	<0.0050	9293301	<0.0050	0.0050	9296428
Total (Wet Wt) Uranium (U)	mg/kg	0.0184	9296428	<0.00040	9293301	0.0164	0.00040	9296428
Total (Wet Wt) Vanadium (V)	mg/kg	0.139	9296428	<0.020	9293301	0.047	0.020	9296428
Total (Wet Wt) Zinc (Zn)	mg/kg	17.0	9296428	31.8	9293301	9.21	0.20	9296428
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9296428	<0.040	9293301	<0.040	0.040	9296428
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3880		UE3884	UE3884		
Sampling Date							
	UNITS	LNGC-C18 MEAT	QC Batch	LNGC-C19 HEPATO	LNGC-C19 HEPATO Lab-Dup	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	4.67	9293301	2.05	1.86	0.50	9286278
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	9293301	0.0061	0.0064	0.0020	9286278
Total (Wet Wt) Arsenic (As)	mg/kg	3.03	9293301	5.14	5.89	0.0050	9286278
Total (Wet Wt) Barium (Ba)	mg/kg	0.078	9293301	0.253	0.290	0.010	9286278
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293301	<0.0020	<0.0020	0.0020	9286278
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	9293301	0.0066	0.0047	0.0013	9286278
Total (Wet Wt) Boron (B)	mg/kg	1.84	9293301	3.25	3.67	0.20	9286278
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0032	9293301	0.759	0.850	0.0013	9286278
Total (Wet Wt) Calcium (Ca)	mg/kg	868	9293301	2470	2900	4.0	9286278
Total (Wet Wt) Chromium (Cr)	mg/kg	0.153	9293301	<0.025	<0.025	0.025	9286278
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0315	9293301	0.263	0.300	0.0013	9286278
Total (Wet Wt) Copper (Cu)	mg/kg	4.50	9293301	12.5	14.5	0.013	9286278
Total (Wet Wt) Iron (Fe)	mg/kg	11.5	9293301	47.4	52.7	0.25	9286278
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293301	<0.010	<0.010	0.010	9286278
Total (Wet Wt) Lead (Pb)	mg/kg	0.0018	9293301	0.0052	0.0050	0.0013	9286278
Total (Wet Wt) Lithium (Li)	mg/kg	0.12	9293301	0.12	0.14	0.10	9286278
Total (Wet Wt) Magnesium (Mg)	mg/kg	420	9293301	445	518	0.40	9286278
Total (Wet Wt) Manganese (Mn)	mg/kg	0.237	9293301	1.43	1.74	0.010	9286278
Total (Wet Wt) Mercury (Hg)	mg/kg	0.065	9293301	0.059	0.068	0.013	9286278
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0102	9293301	0.290	0.321	0.0080	9286278
Total (Wet Wt) Nickel (Ni)	mg/kg	0.064	9293301	0.223	0.255	0.010	9286278
Total (Wet Wt) Phosphorus (P)	mg/kg	2220	9293301	3410	4020	2.0	9286278
Total (Wet Wt) Potassium (K)	mg/kg	3200	9293301	1970	2280	2.5	9286278
Total (Wet Wt) Selenium (Se)	mg/kg	0.375	9293301	1.90	2.14	0.010	9286278
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293301	<50	<50	50	9286278
Total (Wet Wt) Silver (Ag)	mg/kg	0.0200	9293301	0.122	0.133	0.0013	9286278
Total (Wet Wt) Sodium (Na)	mg/kg	3570	9293301	4480	5130	2.5	9286278
Total (Wet Wt) Strontium (Sr)	mg/kg	14.4	9293301	63.3	78.4	0.013	9286278
Total (Wet Wt) Sulphur (S)	mg/kg	3190	9293301	3120	3650	50	9286278
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293301	0.00088	0.00102	0.00040	9286278
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293301	<0.0025	<0.0025	0.0025	9286278

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3880		UE3884	UE3884		
Sampling Date							
	UNITS	LNGC-C18 MEAT	QC Batch	LNGC-C19 HEPATO	LNGC-C19 HEPATO Lab-Dup	RDL	QC Batch
Total (Wet Wt) Tin (Sn)	mg/kg	0.213	9293301	0.027	0.031	0.020	9286278
Total (Wet Wt) Titanium (Ti)	mg/kg	0.54	9293301	0.35	0.35	0.13	9286278
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293301	0.0070	0.0065	0.0050	9286278
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	9293301	0.0276	0.0316	0.00040	9286278
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	9293301	0.129	0.147	0.020	9286278
Total (Wet Wt) Zinc (Zn)	mg/kg	40.5	9293301	19.4	22.8	0.20	9286278
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293301	<0.040	<0.040	0.040	9286278

RDL = Reportable Detection Limit
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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3886		UE3908	UE3909		
Sampling Date							
	UNITS	LNGC-C20 MEAT	QC Batch	LNGC-C22 HEPATO	LNGC-C23 HEPATO	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	2.58	9293301	2.78	1.35	0.50	9286278
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	9293301	0.0064	0.0055	0.0020	9286278
Total (Wet Wt) Arsenic (As)	mg/kg	3.34	9293301	4.89	4.51	0.0050	9286278
Total (Wet Wt) Barium (Ba)	mg/kg	0.037	9293301	0.182	0.073	0.010	9286278
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293301	<0.0020	<0.0020	0.0020	9286278
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0016	9293301	0.0038	0.0029	0.0013	9286278
Total (Wet Wt) Boron (B)	mg/kg	1.20	9293301	1.83	1.05	0.20	9286278
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	9293301	0.402	1.75	0.0013	9286278
Total (Wet Wt) Calcium (Ca)	mg/kg	455	9293301	924	511	4.0	9286278
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9293301	0.052	0.026	0.025	9286278
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0306	9293301	0.268	0.151	0.0013	9286278
Total (Wet Wt) Copper (Cu)	mg/kg	3.60	9293301	8.96	6.43	0.013	9286278
Total (Wet Wt) Iron (Fe)	mg/kg	8.50	9293301	74.8	33.4	0.25	9286278
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293301	<0.010	<0.010	0.010	9286278
Total (Wet Wt) Lead (Pb)	mg/kg	0.0016	9293301	0.0043	0.0051	0.0013	9286278
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9293301	0.16	0.15	0.10	9286278
Total (Wet Wt) Magnesium (Mg)	mg/kg	337	9293301	533	481	0.40	9286278
Total (Wet Wt) Manganese (Mn)	mg/kg	0.183	9293301	1.70	1.01	0.010	9286278
Total (Wet Wt) Mercury (Hg)	mg/kg	0.066	9293301	0.056	0.057	0.013	9286278
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0084	9293301	0.279	0.238	0.0080	9286278
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	9293301	0.314	0.219	0.010	9286278
Total (Wet Wt) Phosphorus (P)	mg/kg	2900	9293301	2120	1570	2.0	9286278
Total (Wet Wt) Potassium (K)	mg/kg	3920	9293301	1710	1560	2.5	9286278
Total (Wet Wt) Selenium (Se)	mg/kg	0.355	9293301	1.74	1.04	0.010	9286278
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293301	<50	<50	50	9286278
Total (Wet Wt) Silver (Ag)	mg/kg	0.0191	9293301	0.0642	0.0776	0.0013	9286278
Total (Wet Wt) Sodium (Na)	mg/kg	2430	9293301	4780	5500	2.5	9286278
Total (Wet Wt) Strontium (Sr)	mg/kg	7.93	9293301	28.3	11.4	0.013	9286278
Total (Wet Wt) Sulphur (S)	mg/kg	3470	9293301	3320	2480	50	9286278
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293301	0.00059	0.00047	0.00040	9286278
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293301	<0.0025	<0.0025	0.0025	9286278
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9293301	<0.020	0.022	0.020	9286278

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3886		UE3908	UE3909		
Sampling Date							
	UNITS	LNGC-C20 MEAT	QC Batch	LNGC-C22 HEPATO	LNGC-C23 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.27	9293301	0.25	0.14	0.13	9286278
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293301	0.0068	0.0067	0.0050	9286278
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	9293301	0.0351	0.0400	0.00040	9286278
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	9293301	0.156	0.155	0.020	9286278
Total (Wet Wt) Zinc (Zn)	mg/kg	34.6	9293301	14.7	11.0	0.20	9286278
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293301	<0.040	<0.040	0.040	9286278
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3921	UE3924	UE3925	UE3926		
Sampling Date							
	UNITS	LNGC-C35 HEPATO	LNGC-C38 HEPATO	LNGC-C39 HEPATO	LNGC-C40 HEPATO	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	0.91	0.63	1.50	2.34	0.50	9286278
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0050	0.0032	0.0053	0.0105	0.0020	9286278
Total (Wet Wt) Arsenic (As)	mg/kg	3.21	3.03	3.62	7.90	0.0050	9286278
Total (Wet Wt) Barium (Ba)	mg/kg	0.204	0.216	0.180	0.179	0.010	9286278
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286278
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0028	<0.0013	0.0034	0.0067	0.0013	9286278
Total (Wet Wt) Boron (B)	mg/kg	2.31	1.36	1.38	2.10	0.20	9286278
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.352	0.333	0.322	1.18	0.0013	9286278
Total (Wet Wt) Calcium (Ca)	mg/kg	1120	1170	623	679	4.0	9286278
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.088	0.025	9286278
Total (Wet Wt) Cobalt (Co)	mg/kg	0.165	0.0359	0.196	0.492	0.0013	9286278
Total (Wet Wt) Copper (Cu)	mg/kg	7.63	6.67	13.5	14.3	0.013	9286278
Total (Wet Wt) Iron (Fe)	mg/kg	34.3	33.9	31.7	89.1	0.25	9286278
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9286278
Total (Wet Wt) Lead (Pb)	mg/kg	0.0029	0.0034	0.0043	0.0125	0.0013	9286278
Total (Wet Wt) Lithium (Li)	mg/kg	0.13	0.15	0.12	0.16	0.10	9286278
Total (Wet Wt) Magnesium (Mg)	mg/kg	451	705	605	586	0.40	9286278
Total (Wet Wt) Manganese (Mn)	mg/kg	1.24	0.704	1.05	1.46	0.010	9286278
Total (Wet Wt) Mercury (Hg)	mg/kg	0.058	0.024	0.079	0.066	0.013	9286278
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.232	0.0574	0.278	0.483	0.0080	9286278
Total (Wet Wt) Nickel (Ni)	mg/kg	0.145	0.026	0.175	0.510	0.010	9286278
Total (Wet Wt) Phosphorus (P)	mg/kg	2440	2010	1800	1530	2.0	9286278
Total (Wet Wt) Potassium (K)	mg/kg	2210	1780	1940	1550	2.5	9286278
Total (Wet Wt) Selenium (Se)	mg/kg	1.36	0.612	1.30	2.37	0.010	9286278
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9286278
Total (Wet Wt) Silver (Ag)	mg/kg	0.0730	0.0273	0.144	0.134	0.0013	9286278
Total (Wet Wt) Sodium (Na)	mg/kg	5280	6030	4820	5930	2.5	9286278
Total (Wet Wt) Strontium (Sr)	mg/kg	38.9	26.0	19.7	18.5	0.013	9286278
Total (Wet Wt) Sulphur (S)	mg/kg	3020	1330	3080	3470	50	9286278
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00065	0.00055	0.00044	0.00071	0.00040	9286278
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9286278
Total (Wet Wt) Tin (Sn)	mg/kg	0.028	0.023	<0.020	0.036	0.020	9286278
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3921	UE3924	UE3925	UE3926		
Sampling Date							
	UNITS	LNGC-C35 HEPATO	LNGC-C38 HEPATO	LNGC-C39 HEPATO	LNGC-C40 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.15	0.21	0.30	0.13	9286278
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	0.0082	0.0186	0.0050	9286278
Total (Wet Wt) Uranium (U)	mg/kg	0.0221	0.0415	0.0263	0.0635	0.00040	9286278
Total (Wet Wt) Vanadium (V)	mg/kg	0.107	0.027	0.117	0.311	0.020	9286278
Total (Wet Wt) Zinc (Zn)	mg/kg	13.2	8.24	12.8	17.5	0.20	9286278
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9286278
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3936	UE3942	UE3946		UE7738		
Sampling Date								
	UNITS	LNGC-C50 HEPATO	LNGC-C56 HEPATO	LNGC-C60 HEPATO	QC Batch	RT-C01 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.06	0.96	1.80	9286278	3.09	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0079	0.0043	0.0050	9286278	<0.0020	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	5.20	4.36	2.40	9286278	3.76	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.186	0.100	0.087	9286278	0.045	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	9286278	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0037	0.0039	0.0027	9286278	0.0037	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	3.39	1.16	1.07	9286278	1.46	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.626	0.525	0.182	9286278	0.0028	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	887	412	335	9286278	505	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.051	<0.025	0.118	9286278	0.040	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.376	0.273	0.189	9286278	0.0379	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	41.1	13.2	10.2	9286278	5.06	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	74.4	55.1	38.8	9286278	8.41	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	9286278	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0081	0.0044	0.0087	9286278	0.0020	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	0.14	0.15	0.13	9286278	<0.10	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	386	369	381	9286278	364	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	1.32	1.11	1.13	9286278	0.178	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.073	0.090	0.045	9286278	0.070	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.325	0.223	0.238	9286278	0.0104	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.279	0.161	0.179	9286278	<0.010	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	1730	1820	1480	9286278	2660	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	2330	2000	1570	9286278	3670	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	1.93	1.53	1.09	9286278	0.337	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	9286278	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.287	0.109	0.0830	9286278	0.0265	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	4750	4550	4970	9286278	2690	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	26.8	10.9	7.83	9286278	8.64	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	2940	3170	2380	9286278	3090	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00069	<0.00040	0.00056	9286278	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	9286278	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	0.025	<0.020	0.021	9286278	0.022	0.020	9293301

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE3936	UE3942	UE3946		UE7738		
Sampling Date								
	UNITS	**LNGC-C50 HEPATO**	**LNGC-C56 HEPATO**	**LNGC-C60 HEPATO**	**QC Batch**	**RT-C01 MEAT**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	0.23	0.13	0.18	9286278	0.26	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	0.0095	0.0055	0.0079	9286278	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	0.0726	0.0219	0.0294	9286278	<0.00040	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	0.207	0.115	0.149	9286278	<0.020	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	14.8	18.8	12.4	9286278	34.0	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	9286278	<0.040	0.040	9293301
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7745		UE7747	UE7753	UE7756		
Sampling Date								
	UNITS	RT-C03 HEPATO	QC Batch	RT-C04 MEAT	RT-C06 MEAT	RT-C07 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.21	9286278	5.18	5.04	3.77	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0122	9286278	0.0022	0.0022	<0.0020	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	9.36	9286278	4.43	7.17	6.65	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.367	9286278	0.210	0.052	0.070	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9286278	<0.0020	<0.0020	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0029	9286278	0.0020	0.0031	0.0039	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	8.75	9286278	1.19	1.06	1.49	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.414	9286278	0.0023	0.0027	0.0044	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	3380	9286278	1810	464	500	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.027	9286278	0.031	0.026	0.026	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.210	9286278	0.0416	0.0340	0.0274	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	27.2	9286278	5.17	6.49	4.73	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	64.1	9286278	11.4	10.9	10.2	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9286278	<0.010	<0.010	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0069	9286278	0.0034	0.0026	0.0019	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	0.13	9286278	<0.10	<0.10	<0.10	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	544	9286278	416	324	331	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	2.26	9286278	0.407	0.259	0.217	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.087	9286278	0.076	0.073	0.191	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.362	9286278	0.0082	0.0090	0.0081	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.130	9286278	0.011	0.012	<0.010	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	4270	9286278	3130	2660	2650	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	2460	9286278	4010	4050	3620	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	2.03	9286278	0.330	0.341	0.418	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9286278	<50	<50	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.170	9286278	0.0303	0.0420	0.0173	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	4670	9286278	2290	2220	2520	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	119	9286278	34.6	7.83	9.64	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	3620	9286278	3170	3050	3460	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00071	9286278	<0.00040	<0.00040	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9286278	<0.0025	<0.0025	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	0.026	9286278	<0.020	0.022	0.020	0.020	9293301
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7745		UE7747	UE7753	UE7756		
Sampling Date								
	UNITS	RT-C03 HEPATO	QC Batch	RT-C04 MEAT	RT-C06 MEAT	RT-C07 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.38	9286278	0.35	0.40	0.27	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	0.0053	9286278	<0.0050	<0.0050	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	0.0453	9286278	<0.00040	0.00041	<0.00040	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	0.180	9286278	0.022	<0.020	<0.020	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	18.3	9286278	36.5	33.3	33.2	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9286278	<0.040	<0.040	<0.040	0.040	9293301
RDL = Reportable Detection Limit								

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7759	UE7762		UE7763		UE7765		
Sampling Date									
	UNITS	RT-C08 MEAT	RT-C09 MEAT	QC Batch	RT-C09 HEPATO	QC Batch	RT-C10 MEAT	RDL	QC Batch
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	6.08	4.33	9293301	2.70	9286278	3.66	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	9293301	0.0096	9286278	<0.0020	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	3.15	3.74	9293301	4.32	9286278	6.05	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.056	0.049	9293301	0.331	9286278	0.055	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9293301	<0.0020	9286278	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0014	0.0028	9293301	0.0025	9286278	0.0035	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	1.10	1.29	9293301	2.41	9286278	1.06	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0029	0.0018	9293301	0.727	9286278	0.0023	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	559	485	9293301	859	9286278	575	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.058	<0.025	9293301	0.049	9286278	0.030	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0280	0.0438	9293301	0.230	9286278	0.0326	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	3.99	5.08	9293301	15.2	9286278	4.62	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	12.9	10.7	9293301	73.8	9286278	8.40	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	9293301	<0.010	9286278	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0025	0.0022	9293301	0.0080	9286278	0.0026	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	<0.10	9293301	0.17	9286278	0.11	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	318	364	9293301	617	9286278	357	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	0.246	0.202	9293301	1.62	9286278	0.191	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.068	0.067	9293301	0.081	9286278	0.075	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0087	0.0086	9293301	0.317	9286278	0.0084	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.028	0.011	9293301	0.199	9286278	0.013	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	2390	2530	9293301	2200	9286278	2720	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	3670	3740	9293301	2220	9286278	4130	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	0.317	0.418	9293301	1.91	9286278	0.335	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	9293301	<50	9286278	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.0193	0.0228	9293301	0.136	9286278	0.0199	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	2520	2950	9293301	5540	9286278	2610	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	9.10	8.40	9293301	27.5	9286278	10.1	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	2800	3170	9293301	3630	9286278	3260	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	9293301	0.00059	9286278	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	9293301	<0.0025	9286278	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	9293301	0.051	9286278	<0.020	0.020	9293301

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7759	UE7762		UE7763		UE7765		
Sampling Date									
	UNITS	RT-C08 MEAT	RT-C09 MEAT	QC Batch	RT-C09 HEPATO	QC Batch	RT-C10 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.32	0.30	9293301	0.28	9286278	0.30	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	9293301	<0.0050	9286278	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	9293301	0.0375	9286278	<0.00040	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.021	9293301	0.155	9286278	<0.020	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	29.9	37.7	9293301	12.3	9286278	38.0	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	9293301	<0.040	9286278	<0.040	0.040	9293301
RDL = Reportable Detection Limit									

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Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7768		UE7769		UE7771	UE7774		
Sampling Date									
	UNITS	RT-C11 MEAT	QC Batch	RT-C11 HEPATO	QC Batch	RT-C12 MEAT	RT-C13 MEAT	RDL	QC Batch
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	6.46	9293301	2.15	9286278	3.77	4.65	0.50	9293301
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	9293301	0.0096	9286278	0.0030	0.0028	0.0020	9293301
Total (Wet Wt) Arsenic (As)	mg/kg	3.57	9293301	3.31	9286278	6.39	13.7	0.0050	9293301
Total (Wet Wt) Barium (Ba)	mg/kg	0.124	9293301	0.178	9286278	0.078	0.044	0.010	9293301
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293301	<0.0020	9286278	<0.0020	<0.0020	0.0020	9293301
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0021	9293301	0.0022	9286278	0.0041	0.0057	0.0013	9293301
Total (Wet Wt) Boron (B)	mg/kg	1.00	9293301	1.52	9286278	2.34	1.27	0.20	9293301
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0025	9293301	0.107	9286278	0.0051	0.0046	0.0013	9293301
Total (Wet Wt) Calcium (Ca)	mg/kg	1800	9293301	535	9286278	867	361	4.0	9293301
Total (Wet Wt) Chromium (Cr)	mg/kg	0.142	9293301	0.028	9286278	0.026	0.098	0.025	9293301
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0262	9293301	0.120	9286278	0.0617	0.0519	0.0013	9293301
Total (Wet Wt) Copper (Cu)	mg/kg	3.73	9293301	34.3	9286278	7.47	7.49	0.013	9293301
Total (Wet Wt) Iron (Fe)	mg/kg	12.0	9293301	48.3	9286278	12.4	11.9	0.25	9293301
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293301	<0.010	9286278	<0.010	<0.010	0.010	9293301
Total (Wet Wt) Lead (Pb)	mg/kg	0.0029	9293301	0.0130	9286278	0.0027	0.0028	0.0013	9293301
Total (Wet Wt) Lithium (Li)	mg/kg	0.20	9293301	0.18	9286278	0.11	<0.10	0.10	9293301
Total (Wet Wt) Magnesium (Mg)	mg/kg	452	9293301	472	9286278	404	386	0.40	9293301
Total (Wet Wt) Manganese (Mn)	mg/kg	0.244	9293301	1.40	9286278	0.498	0.289	0.010	9293301
Total (Wet Wt) Mercury (Hg)	mg/kg	0.055	9293301	0.033	9286278	0.110	0.151	0.013	9293301
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0106	9293301	0.151	9286278	0.0093	0.0081	0.0080	9293301
Total (Wet Wt) Nickel (Ni)	mg/kg	0.052	9293301	0.086	9286278	0.013	0.028	0.010	9293301
Total (Wet Wt) Phosphorus (P)	mg/kg	1950	9293301	1960	9286278	2620	2850	2.0	9293301
Total (Wet Wt) Potassium (K)	mg/kg	2450	9293301	2510	9286278	3670	4060	2.5	9293301
Total (Wet Wt) Selenium (Se)	mg/kg	0.240	9293301	0.992	9286278	0.431	0.474	0.010	9293301
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293301	<50	9286278	<50	<50	50	9293301
Total (Wet Wt) Silver (Ag)	mg/kg	0.0214	9293301	0.127	9286278	0.0457	0.0367	0.0013	9293301
Total (Wet Wt) Sodium (Na)	mg/kg	5310	9293301	6250	9286278	3470	2380	2.5	9293301
Total (Wet Wt) Strontium (Sr)	mg/kg	30.0	9293301	16.9	9286278	15.3	5.85	0.013	9293301
Total (Wet Wt) Sulphur (S)	mg/kg	2610	9293301	2660	9286278	3550	3610	50	9293301
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293301	0.00046	9286278	<0.00040	<0.00040	0.00040	9293301
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293301	<0.0025	9286278	<0.0025	<0.0025	0.0025	9293301
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9293301	0.034	9286278	<0.020	<0.020	0.020	9293301

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7768		UE7769		UE7771	UE7774		
Sampling Date									
	UNITS	RT-C11 MEAT	QC Batch	RT-C11 HEPATO	QC Batch	RT-C12 MEAT	RT-C13 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.35	9293301	0.18	9286278	0.33	0.37	0.13	9293301
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293301	0.0064	9286278	<0.0050	<0.0050	0.0050	9293301
Total (Wet Wt) Uranium (U)	mg/kg	0.00040	9293301	0.0793	9286278	0.00052	<0.00040	0.00040	9293301
Total (Wet Wt) Vanadium (V)	mg/kg	0.021	9293301	0.114	9286278	0.023	0.021	0.020	9293301
Total (Wet Wt) Zinc (Zn)	mg/kg	28.2	9293301	13.5	9286278	41.1	38.7	0.20	9293301
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293301	<0.040	9286278	<0.040	<0.040	0.040	9293301
RDL = Reportable Detection Limit									

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7780	UE7780	UE7783	UE7786		
Sampling Date							
	UNITS	RT-C15 MEAT	RT-C15 MEAT Lab-Dup	RT-C16 MEAT	RT-C17 MEAT	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	3.41	3.24	6.52	5.02	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0023	0.0026	0.0028	0.0031	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	7.77	7.92	8.68	8.48	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.065	0.046	0.283	0.037	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0032	0.0035	0.0058	0.0070	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	1.13	1.14	1.81	1.35	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0020	0.0021	0.0055	0.0041	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	901	525	3520	306	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	0.083 (1)	<0.025 (2)	0.057	<0.025	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0325	0.0325	0.0324	0.0375	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	5.98	6.10	3.36	6.53	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	9.79	8.55	14.5	12.0	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0019	0.0018	0.0035	0.0030	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	0.16	<0.10	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	367	362	494	369	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	0.239	0.195	0.651	0.192	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.078	0.086	0.176	0.199	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	0.0091	0.0099	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.010	<0.010	0.023	0.012	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	3130	3110	2660	2920	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	4430	4590	3580	4200	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	0.412	0.416	0.429	0.465	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	76	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.0335	0.0376	0.0209	0.0385	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	1920	1960	3020	2280	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	14.3	8.60	56.2	4.91	0.013	9293354

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (Mercury) above control limit - Non-homogenous sample - Increased variability of results at or near RDL

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7780	UE7780	UE7783	UE7786		
Sampling Date							
	UNITS	RT-C15 MEAT	RT-C15 MEAT Lab-Dup	RT-C16 MEAT	RT-C17 MEAT	RDL	QC Batch
Total (Wet Wt) Sulphur (S)	mg/kg	3240	3350	3060	3730	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9293354
Total (Wet Wt) Titanium (Ti)	mg/kg	0.35	0.29	0.39	0.35	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00094	0.00054	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	0.030	0.022	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	40.4	41.6	36.8	39.7	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9293354

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7790		UE7792	UE7804		UE7807		
Sampling Date									
	UNITS	RT-C18 HEPATO	QC Batch	RT-C19 MEAT	RT-C20 MEAT	QC Batch	RT-C21 HEPATO	RDL	QC Batch
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	2.64	9286278	5.64	4.27	9293354	0.84	0.50	9286278
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0067	9286278	<0.0020	<0.0020	9293354	0.0072	0.0020	9286278
Total (Wet Wt) Arsenic (As)	mg/kg	6.80	9286278	4.13	2.46	9293354	4.95	0.0050	9286278
Total (Wet Wt) Barium (Ba)	mg/kg	0.101	9286278	0.069	0.039	9293354	0.333	0.010	9286278
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9286278	<0.0020	<0.0020	9293354	<0.0020	0.0020	9286278
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0042	9286278	0.0020	<0.0013	9293354	0.0042	0.0013	9286278
Total (Wet Wt) Boron (B)	mg/kg	1.70	9286278	0.91	0.94	9293354	4.63	0.20	9286278
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.605	9286278	0.0031	0.0056	9293354	0.538	0.0013	9286278
Total (Wet Wt) Calcium (Ca)	mg/kg	487	9286278	608	573	9293354	2790	4.0	9286278
Total (Wet Wt) Chromium (Cr)	mg/kg	0.049	9286278	0.033	0.027	9293354	0.033	0.025	9286278
Total (Wet Wt) Cobalt (Co)	mg/kg	0.317	9286278	0.0299	0.0236	9293354	0.214	0.0013	9286278
Total (Wet Wt) Copper (Cu)	mg/kg	57.6	9286278	4.12	2.66	9293354	9.00	0.013	9286278
Total (Wet Wt) Iron (Fe)	mg/kg	54.3	9286278	10.6	7.70	9293354	59.0	0.25	9286278
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9286278	<0.010	<0.010	9293354	<0.010	0.010	9286278
Total (Wet Wt) Lead (Pb)	mg/kg	0.0037	9286278	0.0035	0.0020	9293354	0.0088	0.0013	9286278
Total (Wet Wt) Lithium (Li)	mg/kg	0.15	9286278	<0.10	0.17	9293354	0.15	0.10	9286278
Total (Wet Wt) Magnesium (Mg)	mg/kg	542	9286278	334	345	9293354	581	0.40	9286278
Total (Wet Wt) Manganese (Mn)	mg/kg	1.48	9286278	0.248	0.186	9293354	2.55	0.010	9286278
Total (Wet Wt) Mercury (Hg)	mg/kg	0.077	9286278	0.049	0.044	9293354	0.093	0.013	9286278
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.281	9286278	<0.0080	0.0101	9293354	0.405	0.0080	9286278
Total (Wet Wt) Nickel (Ni)	mg/kg	0.252	9286278	0.016	0.013	9293354	0.187	0.010	9286278
Total (Wet Wt) Phosphorus (P)	mg/kg	2060	9286278	2700	1660	9293354	3750	2.0	9286278
Total (Wet Wt) Potassium (K)	mg/kg	2010	9286278	4100	2630	9293354	2370	2.5	9286278
Total (Wet Wt) Selenium (Se)	mg/kg	1.78	9286278	0.342	0.319	9293354	2.10	0.010	9286278
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9286278	<50	<50	9293354	<50	50	9286278
Total (Wet Wt) Silver (Ag)	mg/kg	0.663	9286278	0.0223	0.0120	9293354	0.0792	0.0013	9286278
Total (Wet Wt) Sodium (Na)	mg/kg	4470	9286278	2200	5120	9293354	4580	2.5	9286278
Total (Wet Wt) Strontium (Sr)	mg/kg	13.8	9286278	10.5	10.2	9293354	81.4	0.013	9286278
Total (Wet Wt) Sulphur (S)	mg/kg	4390	9286278	2930	2210	9293354	3480	50	9286278
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00048	9286278	<0.00040	<0.00040	9293354	0.00076	0.00040	9286278
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9286278	<0.0025	<0.0025	9293354	<0.0025	0.0025	9286278
Total (Wet Wt) Tin (Sn)	mg/kg	0.043	9286278	<0.020	<0.020	9293354	0.030	0.020	9286278
RDL = Reportable Detection Limit									

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7790		UE7792	UE7804		UE7807		
Sampling Date									
	UNITS	RT-C18 HEPATO	QC Batch	RT-C19 MEAT	RT-C20 MEAT	QC Batch	RT-C21 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.31	9286278	0.35	0.25	9293354	0.31	0.13	9286278
Total (Wet Wt) Tungsten (W)	mg/kg	0.0063	9286278	<0.0050	<0.0050	9293354	0.0075	0.0050	9286278
Total (Wet Wt) Uranium (U)	mg/kg	0.0279	9286278	<0.00040	0.00040	9293354	0.0339	0.00040	9286278
Total (Wet Wt) Vanadium (V)	mg/kg	0.418	9286278	0.020	<0.020	9293354	0.143	0.020	9286278
Total (Wet Wt) Zinc (Zn)	mg/kg	16.2	9286278	37.2	23.3	9293354	14.4	0.20	9286278
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9286278	<0.040	<0.040	9293354	<0.040	0.040	9286278
RDL = Reportable Detection Limit									

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7810	UE7811	UE7812	UE7813	UE7814		
Sampling Date								
	UNITS	RT-C24 HEPATO	RT-C25 HEPATO	RT-C26 HEPATO	RT-C27 HEPATO	RT-C28 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.47	3.95	2.76	2.93	2.54	0.50	9286278
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0072	0.0112	0.0079	0.0125	0.0108	0.0020	9286278
Total (Wet Wt) Arsenic (As)	mg/kg	7.95	6.34	3.92	8.18	8.05	0.0050	9286278
Total (Wet Wt) Barium (Ba)	mg/kg	0.182	0.130	0.126	0.429	0.249	0.010	9286278
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286278
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0110	0.0034	0.0070	0.0103	0.0043	0.0013	9286278
Total (Wet Wt) Boron (B)	mg/kg	1.72	2.43	1.59	1.87	4.79	0.20	9286278
Total (Wet Wt) Cadmium (Cd)	mg/kg	1.14	0.404	0.619	0.155	0.225	0.0013	9286278
Total (Wet Wt) Calcium (Ca)	mg/kg	1270	448	666	652	2030	4.0	9286278
Total (Wet Wt) Chromium (Cr)	mg/kg	0.081	0.055	0.136	0.165	0.042	0.025	9286278
Total (Wet Wt) Cobalt (Co)	mg/kg	0.261	0.224	0.426	0.638	0.339	0.0013	9286278
Total (Wet Wt) Copper (Cu)	mg/kg	36.1	30.5	15.9	39.1	78.1	0.013	9286278
Total (Wet Wt) Iron (Fe)	mg/kg	58.6	58.5	52.6	120	50.2	0.25	9286278
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	0.015	<0.010	0.010	9286278
Total (Wet Wt) Lead (Pb)	mg/kg	0.0211	0.0096	0.0136	0.0212	0.0049	0.0013	9286278
Total (Wet Wt) Lithium (Li)	mg/kg	0.17	0.18	0.16	0.12	0.13	0.10	9286278
Total (Wet Wt) Magnesium (Mg)	mg/kg	576	498	597	485	606	0.40	9286278
Total (Wet Wt) Manganese (Mn)	mg/kg	2.28	2.17	1.48	1.52	1.82	0.010	9286278
Total (Wet Wt) Mercury (Hg)	mg/kg	0.181	0.108	0.059	0.061	0.099	0.013	9286278
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.254	0.389	0.389	0.561	0.389	0.0080	9286278
Total (Wet Wt) Nickel (Ni)	mg/kg	0.302	0.196	0.403	0.665	0.241	0.010	9286278
Total (Wet Wt) Phosphorus (P)	mg/kg	2810	2460	1910	2600	2710	2.0	9286278
Total (Wet Wt) Potassium (K)	mg/kg	2350	2450	1870	2150	2090	2.5	9286278
Total (Wet Wt) Selenium (Se)	mg/kg	2.08	1.67	1.74	2.43	1.83	0.010	9286278
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9286278
Total (Wet Wt) Silver (Ag)	mg/kg	0.504	0.322	0.161	0.348	1.26	0.0013	9286278
Total (Wet Wt) Sodium (Na)	mg/kg	4180	5300	5190	4140	5260	2.5	9286278
Total (Wet Wt) Strontium (Sr)	mg/kg	28.8	13.7	17.6	21.2	71.6	0.013	9286278
Total (Wet Wt) Sulphur (S)	mg/kg	3790	4020	3710	4510	3540	50	9286278
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00099	0.00052	<0.00040	0.00078	0.00091	0.00040	9286278
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9286278
Total (Wet Wt) Tin (Sn)	mg/kg	0.024	0.038	0.024	0.080	0.035	0.020	9286278

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7810	UE7811	UE7812	UE7813	UE7814		
Sampling Date								
	UNITS	**RT-C24 HEPATO**	**RT-C25 HEPATO**	**RT-C26 HEPATO**	**RT-C27 HEPATO**	**RT-C28 HEPATO**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	0.25	0.27	0.41	0.27	0.13	9286278
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	0.0127	0.0239	0.0062	0.0050	9286278
Total (Wet Wt) Uranium (U)	mg/kg	0.0486	0.0402	0.107	0.0653	0.0515	0.00040	9286278
Total (Wet Wt) Vanadium (V)	mg/kg	0.156	0.160	0.231	0.398	0.209	0.020	9286278
Total (Wet Wt) Zinc (Zn)	mg/kg	16.7	19.9	22.5	23.5	18.6	0.20	9286278
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9286278
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7815	UE7815	UE7816	UE7817	UE7818		
Sampling Date								
	UNITS	RT-C29 HEPATO	RT-C29 HEPATO Lab-Dup	RT-C30 HEPATO	RT-C31 HEPATO	RT-C32 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.81	3.66	2.08	4.59	2.92	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0082	0.0078	0.0059	0.0154	0.0075	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	3.83	3.74	2.49	8.51	4.81	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.242	0.241	0.045	0.169	0.146	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0036	0.0034	0.0040	0.0057	0.0071	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	1.29	1.23	1.30	1.82	1.32	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.334	0.329	1.45	0.250	0.206	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	691	674	770	653	633	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	0.076	0.076	0.045	0.115	0.037	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.417	0.400	0.292	0.388	0.397	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	19.9	19.5	43.1	27.9	19.2	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	49.5	47.3	43.4	175	69.0	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	0.011	0.011	<0.010	0.011	0.015	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0049	0.0052	0.0087	0.0279	0.0233	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	0.13	0.11	<0.10	<0.10	0.10	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	758	736	432	679	512	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	1.44	1.43	0.966	1.69	1.11	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.039	0.038	0.067	0.075	0.063	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.297	0.292	0.210	0.589	0.415	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.709	0.686	0.401	0.495	0.395	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	1520	1500	1200	2220	1750	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	1400	1360	1260	2180	1830	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	1.55	1.53	1.28	2.58	1.67	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.123	0.119	0.368	0.289	0.161	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	5630	5460	7270	4650	5240	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	23.5	22.4	10.3	25.6	17.0	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	2720	2660	2040	3870	3080	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00050	0.00052	0.00061	0.00096	0.00062	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9285153

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7815	UE7815	UE7816	UE7817	UE7818		
Sampling Date								
	UNITS	**RT-C29 HEPATO**	**RT-C29 HEPATO Lab-Dup**	**RT-C30 HEPATO**	**RT-C31 HEPATO**	**RT-C32 HEPATO**	**RDL**	**QC Batch**
Total (Wet Wt) Tin (Sn)	mg/kg	0.082	0.061	0.037	0.059	0.049	0.020	9285153
Total (Wet Wt) Titanium (Ti)	mg/kg	0.39	0.32	0.15	0.41	0.28	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	0.0076	0.0071	<0.0050	0.0180	0.0148	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	0.0365	0.0354	0.0539	0.0923	0.0729	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	0.542	0.514	0.223	0.390	0.416	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	18.0	17.8	12.4	18.4	16.6	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9285153

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7819		UF5728	UF5728	UF5729		
Sampling Date								
	UNITS	RT-C33 HEPATO	QC Batch	RT-CLAMS C01	RT-CLAMS C01 Lab-Dup	RT-CLAMS C02	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.72	9285153	141	144	106	0.50	9294626
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0061	9285153	0.0025	0.0031	0.0024	0.0020	9294626
Total (Wet Wt) Arsenic (As)	mg/kg	7.15	9285153	1.12	1.16	1.27	0.0050	9294626
Total (Wet Wt) Barium (Ba)	mg/kg	0.241	9285153	1.17	1.20	0.799	0.010	9294626
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9285153	0.0034	0.0040	0.0021	0.0020	9294626
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0035	9285153	0.0019	0.0019	0.0015	0.0013	9294626
Total (Wet Wt) Boron (B)	mg/kg	5.45	9285153	1.42	1.46	1.41	0.20	9294626
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.134	9285153	0.190	0.197	0.161	0.0013	9294626
Total (Wet Wt) Calcium (Ca)	mg/kg	4000	9285153	946	967	518	4.0	9294626
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9285153	0.387	0.382	0.299	0.025	9294626
Total (Wet Wt) Cobalt (Co)	mg/kg	0.157	9285153	0.172	0.174	0.137	0.0013	9294626
Total (Wet Wt) Copper (Cu)	mg/kg	17.9	9285153	2.74	2.79	3.04	0.013	9294626
Total (Wet Wt) Iron (Fe)	mg/kg	21.1	9285153	377	387	602	0.25	9294626
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9285153	0.095	0.099	0.079	0.010	9294626
Total (Wet Wt) Lead (Pb)	mg/kg	0.0024	9285153	0.0665	0.0685	0.0476	0.0013	9294626
Total (Wet Wt) Lithium (Li)	mg/kg	0.12	9285153	0.20	0.21	0.13	0.10	9294626
Total (Wet Wt) Magnesium (Mg)	mg/kg	616	9285153	402	424	368	0.40	9294626
Total (Wet Wt) Manganese (Mn)	mg/kg	2.43	9285153	8.69	8.94	5.76	0.010	9294626
Total (Wet Wt) Mercury (Hg)	mg/kg	0.087	9285153	<0.013	<0.013	<0.013	0.013	9294626
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.228	9285153	0.156	0.160	0.145	0.0080	9294626
Total (Wet Wt) Nickel (Ni)	mg/kg	0.093	9285153	0.199	0.198	0.163	0.010	9294626
Total (Wet Wt) Phosphorus (P)	mg/kg	5030	9285153	1150	1180	1190	2.0	9294626
Total (Wet Wt) Potassium (K)	mg/kg	2180	9285153	1510	1550	1590	2.5	9294626
Total (Wet Wt) Selenium (Se)	mg/kg	1.52	9285153	0.290	0.302	0.293	0.010	9294626
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9285153	171	177	154	50	9294626
Total (Wet Wt) Silver (Ag)	mg/kg	0.340	9285153	0.0249	0.0290	0.0338	0.0013	9294626
Total (Wet Wt) Sodium (Na)	mg/kg	5270	9285153	1880	1920	1770	2.5	9294626
Total (Wet Wt) Strontium (Sr)	mg/kg	98.7	9285153	15.0	15.5	7.92	0.013	9294626
Total (Wet Wt) Sulphur (S)	mg/kg	3510	9285153	1440	1450	1410	50	9294626
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00134	9285153	0.00140	0.00137	0.00087	0.00040	9294626
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9285153	0.0064	0.0063	0.0054	0.0025	9294626

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UE7819		UF5728	UF5728	UF5729		
Sampling Date								
	UNITS	**RT-C33 HEPATO**	**QC Batch**	**RT-CLAMS C01**	**RT-CLAMS C01 Lab-Dup**	**RT-CLAMS C02**	**RDL**	**QC Batch**
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9285153	0.022	0.023	<0.020	0.020	9294626
Total (Wet Wt) Titanium (Ti)	mg/kg	0.42	9285153	5.39	5.42	3.51	0.13	9294626
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9285153	0.0090	0.0105	0.0096	0.0050	9294626
Total (Wet Wt) Uranium (U)	mg/kg	0.0248	9285153	0.0413	0.0424	0.0399	0.00040	9294626
Total (Wet Wt) Vanadium (V)	mg/kg	0.100	9285153	0.777	0.794	0.624	0.020	9294626
Total (Wet Wt) Zinc (Zn)	mg/kg	15.3	9285153	11.8	12.0	11.6	0.20	9294626
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9285153	<0.040	<0.040	<0.040	0.040	9294626

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Maxxam Analytics - Partnering for Results

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Maxxam Job #: B873059
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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5730	UF5731	UF5732	UF5733	UF5734		
Sampling Date								
	UNITS	RT-CLAMS C03	RT-CLAMS C04	RT-CLAMS C05	RT-CLAMS C06	RT-CLAMS C07	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	135	163	130	153	119	0.50	9294626
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0026	0.0033	0.0026	0.0024	0.0024	0.0020	9294626
Total (Wet Wt) Arsenic (As)	mg/kg	1.08	1.30	1.11	1.02	1.05	0.0050	9294626
Total (Wet Wt) Barium (Ba)	mg/kg	0.941	1.04	0.918	1.16	0.912	0.010	9294626
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0028	0.0037	0.0024	0.0030	0.0021	0.0020	9294626
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0017	0.0019	0.0017	0.0016	0.0014	0.0013	9294626
Total (Wet Wt) Boron (B)	mg/kg	1.45	1.49	1.60	1.34	1.42	0.20	9294626
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.171	0.212	0.162	0.165	0.169	0.0013	9294626
Total (Wet Wt) Calcium (Ca)	mg/kg	529	533	617	787	784	4.0	9294626
Total (Wet Wt) Chromium (Cr)	mg/kg	0.315	0.535	0.264	0.464	0.306	0.025	9294626
Total (Wet Wt) Cobalt (Co)	mg/kg	0.139	0.181	0.151	0.153	0.134	0.0013	9294626
Total (Wet Wt) Copper (Cu)	mg/kg	3.23	3.05	3.33	2.94	3.13	0.013	9294626
Total (Wet Wt) Iron (Fe)	mg/kg	352	529	275	378	324	0.25	9294626
Total (Wet Wt) Lanthanum (La)	mg/kg	0.079	0.112	0.076	0.087	0.072	0.010	9294626
Total (Wet Wt) Lead (Pb)	mg/kg	0.0594	0.0772	0.0624	0.0599	0.0470	0.0013	9294626
Total (Wet Wt) Lithium (Li)	mg/kg	0.19	0.22	0.18	0.22	0.18	0.10	9294626
Total (Wet Wt) Magnesium (Mg)	mg/kg	401	404	422	384	404	0.40	9294626
Total (Wet Wt) Manganese (Mn)	mg/kg	4.86	8.99	7.45	5.92	6.46	0.010	9294626
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	0.013	9294626
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.121	0.156	0.125	0.126	0.106	0.0080	9294626
Total (Wet Wt) Nickel (Ni)	mg/kg	0.194	0.262	0.193	0.209	0.185	0.010	9294626
Total (Wet Wt) Phosphorus (P)	mg/kg	1250	1170	1340	1180	1310	2.0	9294626
Total (Wet Wt) Potassium (K)	mg/kg	1680	1540	1750	1560	1660	2.5	9294626
Total (Wet Wt) Selenium (Se)	mg/kg	0.281	0.283	0.290	0.296	0.275	0.010	9294626
Total (Wet Wt) Silicon (Si)	mg/kg	171	186	166	181	169	50	9294626
Total (Wet Wt) Silver (Ag)	mg/kg	0.0369	0.0289	0.0370	0.0343	0.0321	0.0013	9294626
Total (Wet Wt) Sodium (Na)	mg/kg	1830	1850	2090	1790	2030	2.5	9294626
Total (Wet Wt) Strontium (Sr)	mg/kg	8.27	9.26	9.61	10.1	11.1	0.013	9294626
Total (Wet Wt) Sulphur (S)	mg/kg	1460	1380	1520	1400	1420	50	9294626
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00121	0.00137	0.00096	0.00160	0.00088	0.00040	9294626
Total (Wet Wt) Thorium (Th)	mg/kg	0.0048	0.0048	0.0045	0.0054	0.0048	0.0025	9294626
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9294626
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5730	UF5731	UF5732	UF5733	UF5734		
Sampling Date								
	UNITS	**RT-CLAMS C03**	**RT-CLAMS C04**	**RT-CLAMS C05**	**RT-CLAMS C06**	**RT-CLAMS C07**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	5.70	6.79	4.58	6.28	4.37	0.13	9294626
Total (Wet Wt) Tungsten (W)	mg/kg	0.0095	0.0105	0.0068	0.0073	0.0063	0.0050	9294626
Total (Wet Wt) Uranium (U)	mg/kg	0.0358	0.0433	0.0375	0.0338	0.0302	0.00040	9294626
Total (Wet Wt) Vanadium (V)	mg/kg	0.674	0.955	0.646	0.754	0.545	0.020	9294626
Total (Wet Wt) Zinc (Zn)	mg/kg	11.7	11.7	11.8	13.3	11.4	0.20	9294626
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9294626
RDL = Reportable Detection Limit								

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5735	UF5736	UF5737	UF5738	UF5739		
Sampling Date								
	UNITS	RT-CLAMS C08	RT-CLAMS C09	RT-CLAMS C10	RT-CLAMS C11	RT-CLAMS C12	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	117	117	164	136	148	0.50	9294626
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0031	0.0025	0.0035	0.0027	0.0029	0.0020	9294626
Total (Wet Wt) Arsenic (As)	mg/kg	1.29	1.06	1.23	1.41	1.23	0.0050	9294626
Total (Wet Wt) Barium (Ba)	mg/kg	1.07	0.893	1.05	0.936	1.03	0.010	9294626
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0037	0.0032	0.0028	0.0038	0.0034	0.0020	9294626
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0017	0.0016	0.0017	0.0019	0.0016	0.0013	9294626
Total (Wet Wt) Boron (B)	mg/kg	1.37	1.25	1.35	1.40	1.45	0.20	9294626
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.169	0.151	0.184	0.141	0.174	0.0013	9294626
Total (Wet Wt) Calcium (Ca)	mg/kg	1160	1150	1190	799	758	4.0	9294626
Total (Wet Wt) Chromium (Cr)	mg/kg	0.292	0.721	0.417	0.492	0.274	0.025	9294626
Total (Wet Wt) Cobalt (Co)	mg/kg	0.158	0.147	0.173	0.173	0.153	0.0013	9294626
Total (Wet Wt) Copper (Cu)	mg/kg	3.25	2.50	3.12	2.78	2.95	0.013	9294626
Total (Wet Wt) Iron (Fe)	mg/kg	518	310	548	459	417	0.25	9294626
Total (Wet Wt) Lanthanum (La)	mg/kg	0.114	0.082	0.096	0.106	0.085	0.010	9294626
Total (Wet Wt) Lead (Pb)	mg/kg	0.0496	0.0534	0.0646	0.0590	0.0585	0.0013	9294626
Total (Wet Wt) Lithium (Li)	mg/kg	0.17	0.16	0.21	0.19	0.20	0.10	9294626
Total (Wet Wt) Magnesium (Mg)	mg/kg	381	355	403	419	411	0.40	9294626
Total (Wet Wt) Manganese (Mn)	mg/kg	5.03	7.30	10.4	6.68	6.91	0.010	9294626
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	0.013	9294626
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.167	0.133	0.135	0.141	0.128	0.0080	9294626
Total (Wet Wt) Nickel (Ni)	mg/kg	0.181	0.299	0.233	0.201	0.200	0.010	9294626
Total (Wet Wt) Phosphorus (P)	mg/kg	1130	1130	1350	1290	1270	2.0	9294626
Total (Wet Wt) Potassium (K)	mg/kg	1580	1510	1720	1680	1690	2.5	9294626
Total (Wet Wt) Selenium (Se)	mg/kg	0.350	0.287	0.312	0.343	0.292	0.010	9294626
Total (Wet Wt) Silicon (Si)	mg/kg	161	166	195	179	172	50	9294626
Total (Wet Wt) Silver (Ag)	mg/kg	0.0352	0.0216	0.0268	0.0215	0.0257	0.0013	9294626
Total (Wet Wt) Sodium (Na)	mg/kg	1770	1660	1800	1950	1940	2.5	9294626
Total (Wet Wt) Strontium (Sr)	mg/kg	15.0	15.4	15.2	12.3	11.0	0.013	9294626
Total (Wet Wt) Sulphur (S)	mg/kg	1420	1360	1530	1550	1450	50	9294626
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00142	0.00082	0.00116	0.00095	0.00107	0.00040	9294626
Total (Wet Wt) Thorium (Th)	mg/kg	0.0126	0.0055	0.0071	0.0128	0.0057	0.0025	9294626
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.024	<0.020	0.020	9294626
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5735	UF5736	UF5737	UF5738	UF5739		
Sampling Date								
	UNITS	**RT-CLAMS C08**	**RT-CLAMS C09**	**RT-CLAMS C10**	**RT-CLAMS C11**	**RT-CLAMS C12**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	4.48	4.36	5.38	5.40	6.85	0.13	9294626
Total (Wet Wt) Tungsten (W)	mg/kg	0.0118	0.0065	0.0088	0.0062	0.0080	0.0050	9294626
Total (Wet Wt) Uranium (U)	mg/kg	0.0464	0.0361	0.0377	0.0429	0.0356	0.00040	9294626
Total (Wet Wt) Vanadium (V)	mg/kg	0.715	0.603	0.857	0.692	0.781	0.020	9294626
Total (Wet Wt) Zinc (Zn)	mg/kg	11.7	9.92	12.5	12.1	11.4	0.20	9294626
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9294626
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5740	UF5741	UF5742		UF9196		
Sampling Date								
	UNITS	RT-CLAMS C13	RT-CLAMS C14	RT-CLAMS C15	QC Batch	KILD-C01 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	161	120	140	9294626	2.79	0.50	9294645
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0036	0.0025	0.0026	9294626	<0.0020	0.0020	9294645
Total (Wet Wt) Arsenic (As)	mg/kg	1.17	1.32	1.03	9294626	4.07	0.0050	9294645
Total (Wet Wt) Barium (Ba)	mg/kg	0.953	0.935	0.910	9294626	0.048	0.010	9294645
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0029	0.0037	0.0041	9294626	<0.0020	0.0020	9294645
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0019	0.0017	0.0018	9294626	0.0053	0.0013	9294645
Total (Wet Wt) Boron (B)	mg/kg	1.31	1.24	1.27	9294626	1.07	0.20	9294645
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.181	0.212	0.166	9294626	0.0017	0.0013	9294645
Total (Wet Wt) Calcium (Ca)	mg/kg	802	706	925	9294626	582	4.0	9294645
Total (Wet Wt) Chromium (Cr)	mg/kg	0.604	0.263	0.517	9294626	0.035	0.025	9294645
Total (Wet Wt) Cobalt (Co)	mg/kg	0.162	0.163	0.151	9294626	0.0409	0.0013	9294645
Total (Wet Wt) Copper (Cu)	mg/kg	3.40	3.69	2.72	9294626	3.47	0.013	9294645
Total (Wet Wt) Iron (Fe)	mg/kg	359	365	319	9294626	8.30	0.25	9294645
Total (Wet Wt) Lanthanum (La)	mg/kg	0.090	0.090	0.090	9294626	<0.010	0.010	9294645
Total (Wet Wt) Lead (Pb)	mg/kg	0.0553	0.0573	0.0743	9294626	<0.0013	0.0013	9294645
Total (Wet Wt) Lithium (Li)	mg/kg	0.24	0.17	0.19	9294626	<0.10	0.10	9294645
Total (Wet Wt) Magnesium (Mg)	mg/kg	394	343	376	9294626	324	0.40	9294645
Total (Wet Wt) Manganese (Mn)	mg/kg	5.97	3.72	5.43	9294626	0.185	0.010	9294645
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	9294626	0.063	0.013	9294645
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.154	0.150	0.137	9294626	0.0088	0.0080	9294645
Total (Wet Wt) Nickel (Ni)	mg/kg	0.224	0.182	0.193	9294626	<0.010	0.010	9294645
Total (Wet Wt) Phosphorus (P)	mg/kg	1220	1300	1060	9294626	2290	2.0	9294645
Total (Wet Wt) Potassium (K)	mg/kg	1680	1670	1440	9294626	3310	2.5	9294645
Total (Wet Wt) Selenium (Se)	mg/kg	0.319	0.300	0.275	9294626	0.411	0.010	9294645
Total (Wet Wt) Silicon (Si)	mg/kg	178	153	180	9294626	<50	50	9294645
Total (Wet Wt) Silver (Ag)	mg/kg	0.0399	0.0459	0.0261	9294626	0.0344	0.0013	9294645
Total (Wet Wt) Sodium (Na)	mg/kg	1710	1510	1770	9294626	2800	2.5	9294645
Total (Wet Wt) Strontium (Sr)	mg/kg	10.2	11.3	12.6	9294626	9.31	0.013	9294645
Total (Wet Wt) Sulphur (S)	mg/kg	1510	1460	1300	9294626	2640	50	9294645
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00203	0.00139	0.00107	9294626	<0.00040	0.00040	9294645
Total (Wet Wt) Thorium (Th)	mg/kg	0.0046	0.0054	0.0056	9294626	<0.0025	0.0025	9294645
Total (Wet Wt) Tin (Sn)	mg/kg	0.028	<0.020	<0.020	9294626	<0.020	0.020	9294645
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF5740	UF5741	UF5742		UF9196		
Sampling Date								
	UNITS	RT-CLAMS C13	RT-CLAMS C14	RT-CLAMS C15	QC Batch	KILD-C01 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	7.79	4.09	5.27	9294626	0.36	0.13	9294645
Total (Wet Wt) Tungsten (W)	mg/kg	0.0095	0.0087	0.0078	9294626	<0.0050	0.0050	9294645
Total (Wet Wt) Uranium (U)	mg/kg	0.0433	0.0413	0.0396	9294626	<0.00040	0.00040	9294645
Total (Wet Wt) Vanadium (V)	mg/kg	0.689	0.696	0.700	9294626	<0.020	0.020	9294645
Total (Wet Wt) Zinc (Zn)	mg/kg	12.2	12.4	10.9	9294626	32.9	0.20	9294645
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	9294626	<0.040	0.040	9294645
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9199	UF9202	UF9205		UF9206		
Sampling Date								
	UNITS	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	QC Batch	KILD-C04 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.03	5.64	4.70	9294645	5.86	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	0.0035	9294645	0.0119	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	3.85	1.18	8.05	9294645	12.6	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.041	0.083	0.119	9294645	0.317	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	9294645	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0052	0.0056	0.0083	9294645	0.0101	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	1.15	1.17	1.46	9294645	5.32	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	0.0021	0.0026	9294645	0.293	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	478	959	651	9294645	2840	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	<0.025	0.026	9294645	0.065	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0708	0.0788	0.0503	9294645	0.837	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	6.80	5.35	5.59	9294645	154	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	7.95	10.2	18.4	9294645	69.3	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	0.010	9294645	0.012	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0014	0.0017	0.0025	9294645	0.0036	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.17	<0.10	9294645	0.13	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	312	375	360	9294645	581	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	0.186	0.190	0.398	9294645	2.18	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.046	0.025	0.124	9294645	0.104	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0096	0.0177	<0.0080	9294645	0.514	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.014	0.014	0.013	9294645	0.471	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	2450	1170	2950	9294645	3880	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	3640	1920	4180	9294645	1920	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	0.489	0.300	0.517	9294645	2.51	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	9294645	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.0667	0.0598	0.0464	9294645	1.90	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	2690	5670	2140	9294645	5660	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	7.78	17.2	11.9	9294645	83.1	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	2560	1870	3280	9294645	3720	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	9294645	0.00102	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	9294645	<0.0025	0.0025	9285153
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	9294645	<0.020	0.020	9285153

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9199	UF9202	UF9205		UF9206		
Sampling Date								
	UNITS	KILD-C02 MEAT	KILD-C03 MEAT	KILD-C04 MEAT	QC Batch	KILD-C04 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.34	0.50	0.40	9294645	0.57	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	9294645	0.0289	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00082	0.00211	9294645	0.0707	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.023	0.038	9294645	0.188	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	33.9	25.6	40.2	9294645	18.5	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	9294645	<0.040	0.040	9285153
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9208	UF9211	UF9217	UF9220	UF9223		
Sampling Date								
	UNITS	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.99	3.89	3.87	4.07	2.80	0.50	9294645
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0029	<0.0020	0.0026	0.0028	0.0036	0.0020	9294645
Total (Wet Wt) Arsenic (As)	mg/kg	10.3	1.17	11.3	7.50	6.39	0.0050	9294645
Total (Wet Wt) Barium (Ba)	mg/kg	0.052	0.070	0.063	0.051	0.039	0.010	9294645
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9294645
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0074	0.0048	0.0061	0.0092	0.0063	0.0013	9294645
Total (Wet Wt) Boron (B)	mg/kg	0.94	0.81	1.10	1.23	1.59	0.20	9294645
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0024	0.0015	0.0024	0.0022	0.0023	0.0013	9294645
Total (Wet Wt) Calcium (Ca)	mg/kg	262	721	453	226	492	4.0	9294645
Total (Wet Wt) Chromium (Cr)	mg/kg	0.030	0.027	<0.025	0.029	<0.025	0.025	9294645
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0820	0.0543	0.0579	0.0567	0.0583	0.0013	9294645
Total (Wet Wt) Copper (Cu)	mg/kg	10.6	4.37	7.09	7.12	6.60	0.013	9294645
Total (Wet Wt) Iron (Fe)	mg/kg	10.8	9.25	11.9	11.9	9.74	0.25	9294645
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9294645
Total (Wet Wt) Lead (Pb)	mg/kg	0.0019	0.0014	0.0014	0.0018	<0.0013	0.0013	9294645
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.15	<0.10	<0.10	<0.10	0.10	9294645
Total (Wet Wt) Magnesium (Mg)	mg/kg	332	381	339	347	378	0.40	9294645
Total (Wet Wt) Manganese (Mn)	mg/kg	0.300	0.187	0.227	0.183	0.152	0.010	9294645
Total (Wet Wt) Mercury (Hg)	mg/kg	0.066	0.021	0.109	0.072	0.090	0.013	9294645
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0104	0.0111	<0.0080	0.0098	0.0099	0.0080	9294645
Total (Wet Wt) Nickel (Ni)	mg/kg	0.015	0.015	0.010	0.012	0.011	0.010	9294645
Total (Wet Wt) Phosphorus (P)	mg/kg	3190	1600	2860	2970	2300	2.0	9294645
Total (Wet Wt) Potassium (K)	mg/kg	4430	2200	4000	4230	3070	2.5	9294645
Total (Wet Wt) Selenium (Se)	mg/kg	0.484	0.304	0.403	0.444	0.385	0.010	9294645
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9294645
Total (Wet Wt) Silver (Ag)	mg/kg	0.105	0.0425	0.0585	0.0639	0.0589	0.0013	9294645
Total (Wet Wt) Sodium (Na)	mg/kg	1830	5400	1930	1760	3710	2.5	9294645
Total (Wet Wt) Strontium (Sr)	mg/kg	4.09	12.4	7.72	3.51	8.34	0.013	9294645
Total (Wet Wt) Sulphur (S)	mg/kg	3000	1990	3270	3230	3020	50	9294645
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9294645
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9294645
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9294645

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9208	UF9211	UF9217	UF9220	UF9223		
Sampling Date								
	UNITS	KILD-C05 MEAT	KILD-C06 MEAT	KILD-C08 MEAT	KILD-C09 MEAT	KILD-C10 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.45	0.43	0.38	0.45	0.32	0.13	9294645
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9294645
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00041	0.00059	0.00040	9294645
Total (Wet Wt) Vanadium (V)	mg/kg	0.020	<0.020	<0.020	<0.020	<0.020	0.020	9294645
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	27.0	34.6	37.4	38.2	0.20	9294645
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9294645
RDL = Reportable Detection Limit								

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9226		UF9227		UF9229		
Sampling Date								
	UNITS	KILD-C11 MEAT	QC Batch	KILD-C11 HEPATO	QC Batch	KILD-C12 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	13.0	9294645	3.11	9285153	9.56	0.50	9294645
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0023	9294645	0.0089	9285153	0.0031	0.0020	9294645
Total (Wet Wt) Arsenic (As)	mg/kg	4.09	9294645	6.25	9285153	7.20	0.0050	9294645
Total (Wet Wt) Barium (Ba)	mg/kg	0.163	9294645	0.269	9285153	0.105	0.010	9294645
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9294645	<0.0020	9285153	<0.0020	0.0020	9294645
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0064	9294645	0.0120	9285153	0.0100	0.0013	9294645
Total (Wet Wt) Boron (B)	mg/kg	0.91	9294645	2.77	9285153	1.23	0.20	9294645
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0016	9294645	0.279	9285153	0.0031	0.0013	9294645
Total (Wet Wt) Calcium (Ca)	mg/kg	473	9294645	4310	9285153	358	4.0	9294645
Total (Wet Wt) Chromium (Cr)	mg/kg	0.085	9294645	0.038	9285153	0.055	0.025	9294645
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0954	9294645	0.478	9285153	0.0637	0.0013	9294645
Total (Wet Wt) Copper (Cu)	mg/kg	9.82	9294645	8.22	9285153	6.55	0.013	9294645
Total (Wet Wt) Iron (Fe)	mg/kg	26.3	9294645	82.2	9285153	24.2	0.25	9294645
Total (Wet Wt) Lanthanum (La)	mg/kg	0.011	9294645	0.018	9285153	0.011	0.010	9294645
Total (Wet Wt) Lead (Pb)	mg/kg	0.0035	9294645	0.0063	9285153	0.0031	0.0013	9294645
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9294645	<0.10	9285153	<0.10	0.10	9294645
Total (Wet Wt) Magnesium (Mg)	mg/kg	322	9294645	536	9285153	326	0.40	9294645
Total (Wet Wt) Manganese (Mn)	mg/kg	0.374	9294645	1.65	9285153	0.359	0.010	9294645
Total (Wet Wt) Mercury (Hg)	mg/kg	0.044	9294645	0.053	9285153	0.095	0.013	9294645
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0113	9294645	0.345	9285153	0.0094	0.0080	9294645
Total (Wet Wt) Nickel (Ni)	mg/kg	0.029	9294645	0.591	9285153	0.025	0.010	9294645
Total (Wet Wt) Phosphorus (P)	mg/kg	2660	9294645	4960	9285153	2460	2.0	9294645
Total (Wet Wt) Potassium (K)	mg/kg	3720	9294645	2280	9285153	3400	2.5	9294645
Total (Wet Wt) Selenium (Se)	mg/kg	0.467	9294645	2.67	9285153	0.463	0.010	9294645
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9294645	<50	9285153	<50	50	9294645
Total (Wet Wt) Silver (Ag)	mg/kg	0.0952	9294645	0.0892	9285153	0.0543	0.0013	9294645
Total (Wet Wt) Sodium (Na)	mg/kg	2490	9294645	3640	9285153	2520	2.5	9294645
Total (Wet Wt) Strontium (Sr)	mg/kg	8.05	9294645	79.9	9285153	5.98	0.013	9294645
Total (Wet Wt) Sulphur (S)	mg/kg	2730	9294645	3850	9285153	3240	50	9294645
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9294645	0.00134	9285153	<0.00040	0.00040	9294645
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9294645	<0.0025	9285153	0.0061	0.0025	9294645
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9294645	0.024	9285153	<0.020	0.020	9294645
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9226		UF9227		UF9229		
Sampling Date								
	UNITS	KILD-C11 MEAT	QC Batch	KILD-C11 HEPATO	QC Batch	KILD-C12 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	1.06	9294645	0.57	9285153	0.83	0.13	9294645
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9294645	0.0125	9285153	<0.0050	0.0050	9294645
Total (Wet Wt) Uranium (U)	mg/kg	0.00149	9294645	0.0768	9285153	0.00387	0.00040	9294645
Total (Wet Wt) Vanadium (V)	mg/kg	0.053	9294645	0.260	9285153	0.049	0.020	9294645
Total (Wet Wt) Zinc (Zn)	mg/kg	36.5	9294645	19.2	9285153	35.6	0.20	9294645
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9294645	<0.040	9285153	<0.040	0.040	9294645
RDL = Reportable Detection Limit								

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9232	UF9235	UF9238		UF9239		
Sampling Date								
	UNITS	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	QC Batch	KILD-C15 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.22	2.48	3.34	9294645	4.29	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0030	0.0022	0.0025	9294645	0.0118	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	10.2	2.92	7.30	9294645	8.40	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.046	0.037	0.055	9294645	0.316	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	9294645	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0077	0.0077	0.0101	9294645	0.0094	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	1.97	1.51	1.89	9294645	3.84	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0036	<0.0013	0.0029	9294645	0.142	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	804	664	770	9294645	2750	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	0.043	0.039	<0.025	9294645	0.028	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0302	0.0484	0.0423	9294645	0.442	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	3.48	5.65	3.60	9294645	50.8	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	9.72	8.05	11.6	9294645	99.8	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	9294645	0.013	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0015	0.0013	0.0017	9294645	0.0051	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	0.14	<0.10	0.10	9294645	0.11	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	449	357	397	9294645	503	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	0.196	0.144	0.204	9294645	2.04	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.095	0.052	0.094	9294645	0.083	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0095	<0.0080	0.0088	9294645	0.287	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.022	<0.010	0.011	9294645	0.324	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	2010	2460	2060	9294645	3610	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	3160	3320	3040	9294645	1720	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	0.406	0.386	0.341	9294645	2.50	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	9294645	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.0296	0.0491	0.0282	9294645	0.884	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	4530	2950	3680	9294645	6340	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	13.3	10.7	13.0	9294645	85.2	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	2880	2830	3030	9294645	2720	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	9294645	0.00095	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	9294645	<0.0025	0.0025	9285153
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	9294645	<0.020	0.020	9285153
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9232	UF9235	UF9238		UF9239		
Sampling Date								
	UNITS	KILD-C13 MEAT	KILD-C14 MEAT	KILD-C15 MEAT	QC Batch	KILD-C15 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.27	0.27	0.30	9294645	0.50	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	9294645	0.0107	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	0.00073	<0.00040	0.00043	9294645	0.0811	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	0.021	9294645	0.168	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	37.3	37.2	35.0	9294645	16.1	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	9294645	<0.040	0.040	9285153
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9241		UF9242	UF9245	UF9254		
Sampling Date								
	UNITS	KILD-C16 MEAT	QC Batch	KILD-C16 HEPATO	KILD-C17 HEPATO	KILD-C20 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	4.18	9294645	2.63	2.54	8.98	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0029	9294645	0.0082	0.0049	0.0111	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	4.40	9294645	3.75	2.77	10.2	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.046	9294645	0.396	0.147	0.479	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9294645	<0.0020	<0.0020	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0104	9294645	0.0059	0.0063	0.0071	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	1.47	9294645	4.09	1.17	4.65	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0051	9294645	0.111	0.352	0.238	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	520	9294645	3600	739	8340	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9294645	<0.025	<0.025	0.060	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0756	9294645	0.272	0.328	0.329	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	7.56	9294645	56.6	19.1	38.9	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	12.3	9294645	55.2	52.2	50.0	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9294645	0.011	0.011	0.014	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0014	9294645	0.0040	0.0031	0.0049	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9294645	<0.10	<0.10	<0.10	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	366	9294645	671	314	959	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	0.178	9294645	1.41	1.23	2.73	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.077	9294645	0.050	0.064	0.080	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0160	9294645	0.275	0.149	0.288	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.016	9294645	0.159	0.150	0.223	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	1990	9294645	3350	1660	7860	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	2990	9294645	1850	1550	2830	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	0.461	9294645	1.13	1.61	1.54	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9294645	<50	<50	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.0800	9294645	0.512	0.284	0.559	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	3660	9294645	6630	3920	4720	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	8.92	9294645	97.3	15.2	167	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	2790	9294645	2520	1880	3440	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9294645	0.00088	0.00105	0.00158	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9294645	<0.0025	<0.0025	<0.0025	0.0025	9285153
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9294645	0.023	<0.020	<0.020	0.020	9285153
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9241		UF9242	UF9245	UF9254		
Sampling Date								
	UNITS	KILD-C16 MEAT	QC Batch	KILD-C16 HEPATO	KILD-C17 HEPATO	KILD-C20 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.31	9294645	0.39	0.30	0.89	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9294645	0.0079	<0.0050	0.0125	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	0.00078	9294645	0.0888	0.0526	0.0692	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	0.022	9294645	0.132	0.114	0.132	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	36.9	9294645	10.6	12.1	19.4	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9294645	<0.040	<0.040	<0.040	0.040	9285153
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

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Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9256	UF9263	UF9264	UF9268		
Sampling Date							
	UNITS	KILD-C21 HEPATO	KILD-C28 HEPATO	KILD-C29 HEPATO	KILD-C33 HEPATO	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	4.27	1.93	3.32	1.52	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0072	0.0060	0.0102	0.0091	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	9.80	10.1	10.7	13.0	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.248	1.92	0.424	0.156	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0084	0.0072	0.0085	0.0075	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	2.03	1.43	4.37	1.51	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.317	0.474	0.212	0.348	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	908	545	3760	533	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	0.035	<0.025	0.054	<0.025	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.697	0.494	0.427	0.619	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	30.8	51.8	13.6	29.8	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	62.1	56.6	108	54.2	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	0.010	0.013	0.011	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0031	0.0019	0.0050	0.0039	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	<0.10	0.11	<0.10	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	430	505	613	414	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	1.23	1.27	2.45	1.31	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.061	0.088	0.065	0.067	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.425	0.337	0.369	0.461	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.692	0.294	0.279	0.622	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	1820	1430	4660	2040	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	1830	1490	2590	2980	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	2.56	3.22	1.89	2.30	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.460	0.738	0.272	0.581	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	5620	6510	4960	4710	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	31.6	16.0	120	21.4	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	3070	2520	3010	3700	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00121	0.00090	0.00174	0.00098	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9285153
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9285153

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9256	UF9263	UF9264	UF9268		
Sampling Date							
	UNITS	KILD-C21 HEPATO	KILD-C28 HEPATO	KILD-C29 HEPATO	KILD-C33 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.40	0.26	0.58	0.23	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	0.0264	0.0192	0.0105	0.0519	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	0.0475	0.0440	0.102	0.0531	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	0.176	0.090	0.166	0.181	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	15.9	13.2	16.3	14.7	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9285153
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9271	UF9275	UF9283	UF9284		
Sampling Date							
	UNITS	KILD-C36 HEPATO	KILD-C40 HEPATO	KILD-C48 HEPATO	KILD-C49 HEPATO	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	3.01	7.45	1.75	3.37	0.50	9285153
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0089	0.0078	0.0052	0.0056	0.0020	9285153
Total (Wet Wt) Arsenic (As)	mg/kg	6.15	15.7	8.13	3.98	0.0050	9285153
Total (Wet Wt) Barium (Ba)	mg/kg	0.127	0.405	0.130	0.234	0.010	9285153
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9285153
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0098	0.0138	0.0100	0.0064	0.0013	9285153
Total (Wet Wt) Boron (B)	mg/kg	1.50	2.06	2.06	3.05	0.20	9285153
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.237	0.553	0.525	0.291	0.0013	9285153
Total (Wet Wt) Calcium (Ca)	mg/kg	325	1180	800	1500	4.0	9285153
Total (Wet Wt) Chromium (Cr)	mg/kg	0.068	0.027	0.035	0.032	0.025	9285153
Total (Wet Wt) Cobalt (Co)	mg/kg	0.566	0.476	0.342	0.421	0.0013	9285153
Total (Wet Wt) Copper (Cu)	mg/kg	14.8	167	9.60	24.7	0.013	9285153
Total (Wet Wt) Iron (Fe)	mg/kg	127	98.5	39.1	48.5	0.25	9285153
Total (Wet Wt) Lanthanum (La)	mg/kg	0.020	0.026	<0.010	<0.010	0.010	9285153
Total (Wet Wt) Lead (Pb)	mg/kg	0.0094	0.0178	0.0031	0.0050	0.0013	9285153
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	0.13	<0.10	<0.10	0.10	9285153
Total (Wet Wt) Magnesium (Mg)	mg/kg	423	727	441	453	0.40	9285153
Total (Wet Wt) Manganese (Mn)	mg/kg	1.69	2.74	1.39	1.49	0.010	9285153
Total (Wet Wt) Mercury (Hg)	mg/kg	0.034	0.212	0.053	0.040	0.013	9285153
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.554	0.346	0.322	0.345	0.0080	9285153
Total (Wet Wt) Nickel (Ni)	mg/kg	0.724	0.164	0.184	0.389	0.010	9285153
Total (Wet Wt) Phosphorus (P)	mg/kg	1760	2590	2540	3010	2.0	9285153
Total (Wet Wt) Potassium (K)	mg/kg	2320	1900	3080	2380	2.5	9285153
Total (Wet Wt) Selenium (Se)	mg/kg	3.05	2.42	1.49	1.83	0.010	9285153
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9285153
Total (Wet Wt) Silver (Ag)	mg/kg	0.163	2.20	0.0741	0.490	0.0013	9285153
Total (Wet Wt) Sodium (Na)	mg/kg	4620	5340	4180	4650	2.5	9285153
Total (Wet Wt) Strontium (Sr)	mg/kg	7.70	33.4	25.1	47.1	0.013	9285153
Total (Wet Wt) Sulphur (S)	mg/kg	3750	3100	3770	3100	50	9285153
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00106	0.00127	0.00073	0.00120	0.00040	9285153
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9285153
Total (Wet Wt) Tin (Sn)	mg/kg	0.020	0.024	<0.020	<0.020	0.020	9285153

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9271	UF9275	UF9283	UF9284		
Sampling Date							
	UNITS	**KILD-C36 HEPATO**	**KILD-C40 HEPATO**	**KILD-C48 HEPATO**	**KILD-C49 HEPATO**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	0.32	0.46	0.28	0.50	0.13	9285153
Total (Wet Wt) Tungsten (W)	mg/kg	0.0255	<0.0050	0.0088	0.0104	0.0050	9285153
Total (Wet Wt) Uranium (U)	mg/kg	0.0495	0.0553	0.0441	0.0472	0.00040	9285153
Total (Wet Wt) Vanadium (V)	mg/kg	0.265	0.102	0.095	0.137	0.020	9285153
Total (Wet Wt) Zinc (Zn)	mg/kg	15.9	22.9	15.3	15.5	0.20	9285153
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9285153
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9285		UG7163	UG7166		
Sampling Date							
	UNITS	KILD-C50 HEPATO	QC Batch	KVS-C01 MEAT	KVS-C02 MEAT	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	3.27	9285153	2.73	2.07	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0083	9285153	<0.0020	<0.0020	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	11.8	9285153	0.958	3.84	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.167	9285153	0.069	0.028	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9285153	<0.0020	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0061	9285153	<0.0013	0.0019	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	3.72	9285153	1.11	1.75	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.147	9285153	0.0068	0.0039	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	1970	9285153	1360	788	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	0.035	9285153	0.064	<0.025	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.331	9285153	0.0322	0.0225	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	59.2	9285153	3.58	4.48	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	61.6	9285153	5.05	5.43	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	0.014	9285153	<0.010	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0026	9285153	0.0069	0.0017	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9285153	0.18	0.10	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	471	9285153	480	445	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	1.83	9285153	0.157	0.155	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.060	9285153	0.027	0.129	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.245	9285153	0.0108	0.0100	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.336	9285153	0.031	0.020	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	3000	9285153	907	2370	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	2120	9285153	1650	3380	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	1.57	9285153	0.204	0.323	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9285153	<50	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.734	9285153	0.0248	0.0243	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	5050	9285153	7250	3640	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	62.4	9285153	25.7	12.7	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	3400	9285153	1750	3080	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00094	9285153	<0.00040	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9285153	<0.0025	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9285153	<0.020	<0.020	0.020	9293354

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UF9285		UG7163	UG7166		
Sampling Date							
	UNITS	KILD-C50 HEPATO	QC Batch	KVS-C01 MEAT	KVS-C02 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.38	9285153	0.13	0.21	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	0.0141	9285153	<0.0050	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	0.0843	9285153	0.00048	<0.00040	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	0.174	9285153	<0.020	<0.020	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	17.0	9285153	22.8	36.9	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9285153	<0.040	<0.040	0.040	9293354
RDL = Reportable Detection Limit							

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7167		UG7169	UG7172	UG7175		
Sampling Date								
	UNITS	KVS-C02 HEPATO	QC Batch	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.53	9299259	1.93	2.20	2.31	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0070	9299259	0.0028	0.0043	<0.0020	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	8.10	9299259	6.31	7.15	1.25	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.058	9299259	0.056	0.036	0.038	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9299259	<0.0020	<0.0020	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0054	9299259	0.0051	0.0034	<0.0013	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	2.05	9299259	2.10	1.76	1.14	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	2.58	9299259	0.0178	0.0057	0.0025	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	457	9299259	1230	631	1200	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	0.054	9299259	0.045	<0.025	0.036	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.352	9299259	0.0289	0.0442	0.0432	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	94.0	9299259	7.27	5.34	3.99	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	28.1	9299259	6.27	7.21	5.58	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9299259	<0.010	<0.010	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0107	9299259	0.0023	0.0017	0.0019	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	0.12	9299259	0.10	<0.10	0.18	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	394	9299259	445	385	459	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	1.28	9299259	0.168	0.203	0.144	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.101	9299259	0.115	0.127	0.040	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.343	9299259	0.0105	0.0107	0.0104	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.374	9299259	0.018	<0.010	0.018	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	1570	9299259	2270	2430	1140	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	1520	9299259	3440	3640	1870	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	2.89	9299259	0.421	0.375	0.259	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9299259	<50	<50	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	1.02	9299259	0.0483	0.0411	0.0286	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	5560	9299259	3580	3010	6830	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	10.1	9299259	19.4	10.1	20.8	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	2850	9299259	3500	3230	1970	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00077	9299259	<0.00040	<0.00040	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9299259	<0.0025	<0.0025	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9299259	<0.020	<0.020	<0.020	0.020	9293354

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7167		UG7169	UG7172	UG7175		
Sampling Date								
	UNITS	KVS-C02 HEPATO	QC Batch	KVS-C03 MEAT	KVS-C04 MEAT	KVS-C05 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.22	9299259	0.21	0.22	0.16	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	0.0103	9299259	<0.0050	<0.0050	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	0.0328	9299259	<0.00040	<0.00040	<0.00040	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	0.150	9299259	0.029	<0.020	<0.020	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	12.1	9299259	42.6	38.4	24.5	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9299259	<0.040	<0.040	<0.040	0.040	9293354
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7176		UG7178		UG7179		
Sampling Date								
	UNITS	KVS-C05 HEPATO	QC Batch	KVS-C06 MEAT	QC Batch	KVS-C06 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.40	9299259	2.89	9293354	2.81	0.50	9299259
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0055	9299259	<0.0020	9293354	0.0125	0.0020	9299259
Total (Wet Wt) Arsenic (As)	mg/kg	3.17	9299259	1.64	9293354	7.22	0.0050	9299259
Total (Wet Wt) Barium (Ba)	mg/kg	0.070	9299259	0.048	9293354	0.164	0.010	9299259
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9299259	<0.0020	9293354	<0.0020	0.0020	9299259
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0014	9299259	<0.0013	9293354	0.0042	0.0013	9299259
Total (Wet Wt) Boron (B)	mg/kg	1.54	9299259	1.04	9293354	1.42	0.20	9299259
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.639	9299259	0.0032	9293354	1.91	0.0013	9299259
Total (Wet Wt) Calcium (Ca)	mg/kg	410	9299259	1060	9293354	372	4.0	9299259
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9299259	<0.025	9293354	0.045	0.025	9299259
Total (Wet Wt) Cobalt (Co)	mg/kg	0.210	9299259	0.0280	9293354	0.469	0.0013	9299259
Total (Wet Wt) Copper (Cu)	mg/kg	21.0	9299259	3.28	9293354	2.88	0.013	9299259
Total (Wet Wt) Iron (Fe)	mg/kg	46.0	9299259	6.30	9293354	62.5	0.25	9299259
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9299259	<0.010	9293354	0.013	0.010	9299259
Total (Wet Wt) Lead (Pb)	mg/kg	0.0043	9299259	0.0027	9293354	0.0078	0.0013	9299259
Total (Wet Wt) Lithium (Li)	mg/kg	0.16	9299259	0.16	9293354	0.12	0.10	9299259
Total (Wet Wt) Magnesium (Mg)	mg/kg	416	9299259	426	9293354	575	0.40	9299259
Total (Wet Wt) Manganese (Mn)	mg/kg	1.04	9299259	0.173	9293354	1.24	0.010	9299259
Total (Wet Wt) Mercury (Hg)	mg/kg	0.056	9299259	0.042	9293354	0.031	0.013	9299259
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.205	9299259	0.0117	9293354	0.394	0.0080	9299259
Total (Wet Wt) Nickel (Ni)	mg/kg	0.281	9299259	<0.010	9293354	0.961	0.010	9299259
Total (Wet Wt) Phosphorus (P)	mg/kg	1060	9299259	1500	9293354	1490	2.0	9299259
Total (Wet Wt) Potassium (K)	mg/kg	2010	9299259	2170	9293354	2180	2.5	9299259
Total (Wet Wt) Selenium (Se)	mg/kg	1.23	9299259	0.279	9293354	2.64	0.010	9299259
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9299259	<50	9293354	<50	50	9299259
Total (Wet Wt) Silver (Ag)	mg/kg	0.141	9299259	0.0197	9293354	0.0260	0.0013	9299259
Total (Wet Wt) Sodium (Na)	mg/kg	6690	9299259	5770	9293354	4690	2.5	9299259
Total (Wet Wt) Strontium (Sr)	mg/kg	9.57	9299259	16.9	9293354	10.5	0.013	9299259
Total (Wet Wt) Sulphur (S)	mg/kg	2210	9299259	2080	9293354	3390	50	9299259
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00066	9299259	<0.00040	9293354	0.00043	0.00040	9299259
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9299259	<0.0025	9293354	<0.0025	0.0025	9299259
Total (Wet Wt) Tin (Sn)	mg/kg	0.030	9299259	<0.020	9293354	<0.020	0.020	9299259
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7176		UG7178		UG7179		
Sampling Date								
	UNITS	KVS-C05 HEPATO	QC Batch	KVS-C06 MEAT	QC Batch	KVS-C06 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.15	9299259	0.23	9293354	0.26	0.13	9299259
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9299259	<0.0050	9293354	0.0172	0.0050	9299259
Total (Wet Wt) Uranium (U)	mg/kg	0.0249	9299259	<0.00040	9293354	0.0463	0.00040	9299259
Total (Wet Wt) Vanadium (V)	mg/kg	0.115	9299259	<0.020	9293354	1.28	0.020	9299259
Total (Wet Wt) Zinc (Zn)	mg/kg	9.67	9299259	26.0	9293354	23.4	0.20	9299259
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9299259	<0.040	9293354	<0.040	0.040	9299259
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7181		UG7182		UG7184		
Sampling Date								
	UNITS	KVS-C07 MEAT	QC Batch	KVS-C07 HEPATO	QC Batch	KVS-C08 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	5.26	9293354	1.23	9299259	1.78	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0028	9293354	0.0082	9299259	0.0022	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	7.88	9293354	26.1	9299259	7.84	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.067	9293354	0.229	9299259	0.022	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293354	<0.0020	9299259	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0067	9293354	0.0050	9299259	0.0064	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	1.94	9293354	3.18	9299259	1.53	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0088	9293354	1.32	9299259	0.0032	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	526	9293354	1040	9299259	485	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9293354	<0.025	9299259	<0.025	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0634	9293354	0.607	9299259	0.0350	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	4.00	9293354	152	9299259	5.18	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	13.6	9293354	76.0	9299259	7.55	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293354	0.013	9299259	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0032	9293354	0.0034	9299259	0.0015	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	0.13	9293354	0.15	9299259	0.12	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	437	9293354	417	9299259	386	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	0.427	9293354	1.07	9299259	0.186	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.218	9293354	0.129	9299259	0.244	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0097	9293354	0.275	9299259	<0.0080	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.012	9293354	0.173	9299259	<0.010	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	1860	9293354	1920	9299259	2110	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	2850	9293354	1830	9299259	3230	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	0.436	9293354	1.89	9299259	0.463	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293354	<50	9299259	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.0212	9293354	1.60	9299259	0.0286	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	3950	9293354	5510	9299259	3860	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	8.73	9293354	36.7	9299259	7.64	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	3020	9293354	3620	9299259	3230	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293354	0.00081	9299259	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293354	<0.0025	9299259	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9293354	0.022	9299259	<0.020	0.020	9293354

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7181		UG7182		UG7184		
Sampling Date								
	UNITS	KVS-C07 MEAT	QC Batch	KVS-C07 HEPATO	QC Batch	KVS-C08 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.32	9293354	0.22	9299259	0.20	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293354	<0.0050	9299259	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	0.00055	9293354	0.0518	9299259	<0.00040	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	0.025	9293354	0.125	9299259	<0.020	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	36.4	9293354	16.7	9299259	37.3	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293354	<0.040	9299259	<0.040	0.040	9293354
RDL = Reportable Detection Limit								

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7187		UG7188		UG7190		
Sampling Date								
	UNITS	KVS-C09 MEAT	QC Batch	KVS-C09 HEPATO	QC Batch	KVS-C10 MEAT	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.38	9293354	1.02	9299259	4.68	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0036	9293354	0.0089	9299259	<0.0020	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	5.96	9293354	7.28	9299259	2.30	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.029	9293354	0.174	9299259	0.043	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9293354	<0.0020	9299259	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0025	9293354	0.0050	9299259	<0.0013	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	1.25	9293354	4.49	9299259	1.03	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0029	9293354	1.44	9299259	0.0018	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	396	9293354	747	9299259	569	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9293354	<0.025	9299259	0.033	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0256	9293354	0.437	9299259	0.0301	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	4.89	9293354	87.3	9299259	4.74	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	6.21	9293354	30.1	9299259	9.15	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9293354	<0.010	9299259	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0022	9293354	0.0127	9299259	0.0027	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9293354	<0.10	9299259	0.10	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	349	9293354	384	9299259	402	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	0.139	9293354	1.60	9299259	0.195	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.128	9293354	0.129	9299259	0.051	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	9293354	0.325	9299259	0.0112	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	9293354	0.250	9299259	0.012	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	2860	9293354	2110	9299259	2400	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	4030	9293354	2300	9299259	3470	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	0.374	9293354	1.72	9299259	0.300	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9293354	<50	9299259	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.0267	9293354	0.749	9299259	0.0316	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	2530	9293354	4450	9299259	3660	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	5.94	9293354	31.3	9299259	9.03	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	3580	9293354	2970	9299259	2780	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9293354	0.00077	9299259	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9293354	<0.0025	9299259	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9293354	<0.020	9299259	<0.020	0.020	9293354

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7187		UG7188		UG7190		
Sampling Date								
	UNITS	KVS-C09 MEAT	QC Batch	KVS-C09 HEPATO	QC Batch	KVS-C10 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.29	9293354	0.22	9299259	0.29	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9293354	<0.0050	9299259	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	9293354	0.0269	9299259	<0.00040	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	9293354	0.143	9299259	<0.020	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	39.3	9293354	16.3	9299259	34.5	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9293354	<0.040	9299259	<0.040	0.040	9293354
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7191		UG7193	UG7196		
Sampling Date							
	UNITS	KVS-C10 HEPATO	QC Batch	KVS-C11 MEAT	KVS-C12 MEAT	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	1.07	9299259	2.61	6.72	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0048	9299259	<0.0020	0.0032	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	2.29	9299259	3.20	11.9	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.175	9299259	0.029	0.052	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9299259	<0.0020	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	9299259	0.0021	0.0064	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	1.55	9299259	1.31	1.49	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.148	9299259	0.0016	0.0053	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	1480	9299259	400	247	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	9299259	<0.025	0.035	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.120	9299259	0.0325	0.0384	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	9.81	9299259	5.30	6.13	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	48.6	9299259	7.04	15.2	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9299259	<0.010	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	0.0080	9299259	0.0014	0.0031	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	9299259	<0.10	<0.10	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	710	9299259	361	334	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	1.66	9299259	0.188	0.268	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.037	9299259	0.088	0.250	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.200	9299259	<0.0080	<0.0080	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.083	9299259	<0.010	<0.010	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	1870	9299259	2840	2770	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	1770	9299259	4070	4220	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	0.989	9299259	0.325	0.426	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9299259	<50	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.0849	9299259	0.0267	0.0364	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	6870	9299259	2600	2230	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	41.2	9299259	6.24	3.80	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	2480	9299259	3200	3510	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00049	9299259	<0.00040	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9299259	<0.0025	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	0.024	9299259	<0.020	<0.020	0.020	9293354

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7191		UG7193	UG7196		
Sampling Date							
	UNITS	KVS-C10 HEPATO	QC Batch	KVS-C11 MEAT	KVS-C12 MEAT	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.17	9299259	0.23	0.47	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9299259	<0.0050	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	0.0260	9299259	<0.00040	0.00070	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	0.061	9299259	<0.020	0.024	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	9.92	9299259	35.8	38.1	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9299259	<0.040	<0.040	0.040	9293354
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7200		UG7202		UG7206		
Sampling Date								
	UNITS	KVS-C13 HEPATO	QC Batch	KVS-C14 MEAT	QC Batch	KVS-C15 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.23	9299259	3.03	9293354	0.90	0.50	9299259
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0085	9299259	0.0026	9293354	0.0095	0.0020	9299259
Total (Wet Wt) Arsenic (As)	mg/kg	4.15	9299259	6.74	9293354	4.33	0.0050	9299259
Total (Wet Wt) Barium (Ba)	mg/kg	0.216	9299259	0.027	9293354	0.104	0.010	9299259
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9299259	<0.0020	9293354	<0.0020	0.0020	9299259
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0025	9299259	0.0025	9293354	0.0075	0.0013	9299259
Total (Wet Wt) Boron (B)	mg/kg	5.46	9299259	1.08	9293354	1.86	0.20	9299259
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.298	9299259	0.0017	9293354	0.535	0.0013	9299259
Total (Wet Wt) Calcium (Ca)	mg/kg	855	9299259	274	9293354	433	4.0	9299259
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	9299259	0.030	9293354	0.044	0.025	9299259
Total (Wet Wt) Cobalt (Co)	mg/kg	0.215	9299259	0.0307	9293354	0.230	0.0013	9299259
Total (Wet Wt) Copper (Cu)	mg/kg	15.5	9299259	4.79	9293354	6.27	0.013	9299259
Total (Wet Wt) Iron (Fe)	mg/kg	51.6	9299259	10.2	9293354	82.5	0.25	9299259
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9299259	<0.010	9293354	<0.010	0.010	9299259
Total (Wet Wt) Lead (Pb)	mg/kg	0.0073	9299259	0.0020	9293354	0.0289	0.0013	9299259
Total (Wet Wt) Lithium (Li)	mg/kg	0.12	9299259	<0.10	9293354	<0.10	0.10	9299259
Total (Wet Wt) Magnesium (Mg)	mg/kg	529	9299259	318	9293354	524	0.40	9299259
Total (Wet Wt) Manganese (Mn)	mg/kg	1.58	9299259	0.190	9293354	1.83	0.010	9299259
Total (Wet Wt) Mercury (Hg)	mg/kg	0.102	9299259	0.081	9293354	0.113	0.013	9299259
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.344	9299259	<0.0080	9293354	0.348	0.0080	9299259
Total (Wet Wt) Nickel (Ni)	mg/kg	0.171	9299259	<0.010	9293354	0.287	0.010	9299259
Total (Wet Wt) Phosphorus (P)	mg/kg	1900	9299259	3050	9293354	2360	2.0	9299259
Total (Wet Wt) Potassium (K)	mg/kg	2170	9299259	4440	9293354	3090	2.5	9299259
Total (Wet Wt) Selenium (Se)	mg/kg	1.52	9299259	0.515	9293354	2.33	0.010	9299259
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9299259	<50	9293354	<50	50	9299259
Total (Wet Wt) Silver (Ag)	mg/kg	0.206	9299259	0.0222	9293354	0.0577	0.0013	9299259
Total (Wet Wt) Sodium (Na)	mg/kg	5900	9299259	1910	9293354	4550	2.5	9299259
Total (Wet Wt) Strontium (Sr)	mg/kg	28.4	9299259	4.57	9293354	11.7	0.013	9299259
Total (Wet Wt) Sulphur (S)	mg/kg	3200	9299259	3370	9293354	3930	50	9299259
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00054	9299259	<0.00040	9293354	0.00083	0.00040	9299259
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9299259	<0.0025	9293354	<0.0025	0.0025	9299259
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	9299259	<0.020	9293354	<0.020	0.020	9299259

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7200		UG7202		UG7206		
Sampling Date								
	UNITS	KVS-C13 HEPATO	QC Batch	KVS-C14 MEAT	QC Batch	KVS-C15 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.23	9299259	0.32	9293354	0.22	0.13	9299259
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9299259	<0.0050	9293354	<0.0050	0.0050	9299259
Total (Wet Wt) Uranium (U)	mg/kg	0.0553	9299259	<0.00040	9293354	0.0369	0.00040	9299259
Total (Wet Wt) Vanadium (V)	mg/kg	0.124	9299259	<0.020	9293354	0.300	0.020	9299259
Total (Wet Wt) Zinc (Zn)	mg/kg	11.2	9299259	37.5	9293354	14.0	0.20	9299259
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9299259	<0.040	9293354	<0.040	0.040	9299259
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7209		UG7211		UG7221		
Sampling Date								
	UNITS	KVS-C16 HEPATO	QC Batch	KVS-C17 MEAT	QC Batch	KVS-C20 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.75	9299259	1.05	9293354	1.15	0.50	9299259
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0117	9299259	<0.0020	9293354	0.0027	0.0020	9299259
Total (Wet Wt) Arsenic (As)	mg/kg	5.09	9299259	3.63	9293354	1.73	0.0050	9299259
Total (Wet Wt) Barium (Ba)	mg/kg	0.173	9299259	0.023	9293354	0.053	0.010	9299259
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9299259	<0.0020	9293354	<0.0020	0.0020	9299259
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0039	9299259	0.0020	9293354	<0.0013	0.0013	9299259
Total (Wet Wt) Boron (B)	mg/kg	2.07	9299259	1.66	9293354	0.82	0.20	9299259
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.658	9299259	0.0043	9293354	0.227	0.0013	9299259
Total (Wet Wt) Calcium (Ca)	mg/kg	1050	9299259	840	9293354	683	4.0	9299259
Total (Wet Wt) Chromium (Cr)	mg/kg	0.051	9299259	<0.025	9293354	<0.025	0.025	9299259
Total (Wet Wt) Cobalt (Co)	mg/kg	0.286	9299259	0.0182	9293354	0.0806	0.0013	9299259
Total (Wet Wt) Copper (Cu)	mg/kg	6.20	9299259	3.78	9293354	3.39	0.013	9299259
Total (Wet Wt) Iron (Fe)	mg/kg	44.6	9299259	4.29	9293354	24.8	0.25	9299259
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	9299259	<0.010	9293354	<0.010	0.010	9299259
Total (Wet Wt) Lead (Pb)	mg/kg	0.0287	9299259	0.0016	9293354	0.0071	0.0013	9299259
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	9299259	0.11	9293354	0.15	0.10	9299259
Total (Wet Wt) Magnesium (Mg)	mg/kg	514	9299259	406	9293354	712	0.40	9299259
Total (Wet Wt) Manganese (Mn)	mg/kg	1.79	9299259	0.151	9293354	0.565	0.010	9299259
Total (Wet Wt) Mercury (Hg)	mg/kg	0.068	9299259	0.109	9293354	0.023	0.013	9299259
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.338	9299259	0.0100	9293354	0.107	0.0080	9299259
Total (Wet Wt) Nickel (Ni)	mg/kg	0.326	9299259	<0.010	9293354	0.191	0.010	9299259
Total (Wet Wt) Phosphorus (P)	mg/kg	2690	9299259	2400	9293354	499	2.0	9299259
Total (Wet Wt) Potassium (K)	mg/kg	2870	9299259	3460	9293354	1120	2.5	9299259
Total (Wet Wt) Selenium (Se)	mg/kg	1.87	9299259	0.351	9293354	0.687	0.010	9299259
Total (Wet Wt) Silicon (Si)	mg/kg	<50	9299259	<50	9293354	<50	50	9299259
Total (Wet Wt) Silver (Ag)	mg/kg	0.0507	9299259	0.0336	9293354	0.0375	0.0013	9299259
Total (Wet Wt) Sodium (Na)	mg/kg	4040	9299259	3810	9293354	8050	2.5	9299259
Total (Wet Wt) Strontium (Sr)	mg/kg	31.3	9299259	14.1	9293354	13.0	0.013	9299259
Total (Wet Wt) Sulphur (S)	mg/kg	3610	9299259	3090	9293354	1550	50	9299259
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00099	9299259	<0.00040	9293354	<0.00040	0.00040	9299259
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	9299259	<0.0025	9293354	<0.0025	0.0025	9299259
Total (Wet Wt) Tin (Sn)	mg/kg	0.025	9299259	<0.020	9293354	<0.020	0.020	9299259

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UG7209		UG7211		UG7221		
Sampling Date								
	UNITS	KVS-C16 HEPATO	QC Batch	KVS-C17 MEAT	QC Batch	KVS-C20 HEPATO	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.32	9299259	0.18	9293354	<0.13	0.13	9299259
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	9299259	<0.0050	9293354	0.0070	0.0050	9299259
Total (Wet Wt) Uranium (U)	mg/kg	0.0528	9299259	<0.00040	9293354	0.0124	0.00040	9299259
Total (Wet Wt) Vanadium (V)	mg/kg	0.150	9299259	<0.020	9293354	0.041	0.020	9299259
Total (Wet Wt) Zinc (Zn)	mg/kg	17.9	9299259	37.5	9293354	5.48	0.20	9299259
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9299259	<0.040	9293354	<0.040	0.040	9299259
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8427	UK8428	UK8429	UK8430	UK8431		
Sampling Date								
	UNITS	KILD-CLAMS 01	KILD-CLAMS 02	KILD-CLAMS 03	KILD-CLAMS 04	KILD-CLAMS 05	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	359	324	364	328	257	0.50	9287563
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0045	0.0043	0.0044	0.0045	0.0038	0.0020	9287563
Total (Wet Wt) Arsenic (As)	mg/kg	1.77	1.67	1.63	1.79	1.54	0.0050	9287563
Total (Wet Wt) Barium (Ba)	mg/kg	5.86	5.32	5.05	5.66	4.82	0.010	9287563
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0051	0.0052	0.0048	0.0048	0.0036	0.0020	9287563
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0035	0.0030	0.0034	0.0035	0.0065	0.0013	9287563
Total (Wet Wt) Boron (B)	mg/kg	2.46	2.23	2.32	2.16	2.16	0.20	9287563
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.309	0.315	0.290	0.294	0.344	0.0013	9287563
Total (Wet Wt) Calcium (Ca)	mg/kg	1030	580	537	657	666	4.0	9287563
Total (Wet Wt) Chromium (Cr)	mg/kg	1.23	0.780	0.739	1.49	0.643	0.025	9287563
Total (Wet Wt) Cobalt (Co)	mg/kg	0.979	0.770	0.772	1.04	0.874	0.0013	9287563
Total (Wet Wt) Copper (Cu)	mg/kg	4.77	3.76	4.00	3.89	3.92	0.013	9287563
Total (Wet Wt) Iron (Fe)	mg/kg	1240	1160	1320	1270	945	0.25	9287563
Total (Wet Wt) Lanthanum (La)	mg/kg	0.278	0.249	0.250	0.267	0.211	0.010	9287563
Total (Wet Wt) Lead (Pb)	mg/kg	0.0832	0.0715	0.0774	0.0798	0.0654	0.0013	9287563
Total (Wet Wt) Lithium (Li)	mg/kg	0.34	0.32	0.34	0.34	0.26	0.10	9287563
Total (Wet Wt) Magnesium (Mg)	mg/kg	694	655	697	661	598	0.40	9287563
Total (Wet Wt) Manganese (Mn)	mg/kg	132	108	92.5	143	126	0.010	9287563
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	0.013	9287563
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.226	0.194	0.190	0.223	0.202	0.0080	9287563
Total (Wet Wt) Nickel (Ni)	mg/kg	0.437	0.393	0.386	0.738	0.363	0.010	9287563
Total (Wet Wt) Phosphorus (P)	mg/kg	1470	1370	1400	1340	1460	2.0	9287563
Total (Wet Wt) Potassium (K)	mg/kg	2360	2240	2210	2190	2410	2.5	9287563
Total (Wet Wt) Selenium (Se)	mg/kg	0.376	0.421	0.352	0.367	0.363	0.010	9287563
Total (Wet Wt) Silicon (Si)	mg/kg	231	211	221	227	212	50	9287563
Total (Wet Wt) Silver (Ag)	mg/kg	0.0608	0.0573	0.0448	0.0403	0.0465	0.0013	9287563
Total (Wet Wt) Sodium (Na)	mg/kg	3110	2960	3130	3030	2770	2.5	9287563
Total (Wet Wt) Strontium (Sr)	mg/kg	12.7	8.72	9.01	9.63	9.27	0.013	9287563
Total (Wet Wt) Sulphur (S)	mg/kg	1740	1660	1700	1630	1710	50	9287563
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00279	0.00243	0.00257	0.00253	0.00239	0.00040	9287563
Total (Wet Wt) Thorium (Th)	mg/kg	0.0090	0.0074	0.0079	0.0104	0.0055	0.0025	9287563
Total (Wet Wt) Tin (Sn)	mg/kg	0.056	<0.020	<0.020	<0.020	<0.020	0.020	9287563

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8427	UK8428	UK8429	UK8430	UK8431		
Sampling Date								
	UNITS	**KILD-CLAMS 01**	**KILD-CLAMS 02**	**KILD-CLAMS 03**	**KILD-CLAMS 04**	**KILD-CLAMS 05**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	21.7	19.4	22.2	19.5	15.6	0.13	9287563
Total (Wet Wt) Tungsten (W)	mg/kg	0.0113	0.0152	0.0103	0.0110	0.0088	0.0050	9287563
Total (Wet Wt) Uranium (U)	mg/kg	0.0534	0.0526	0.0529	0.0504	0.0455	0.00040	9287563
Total (Wet Wt) Vanadium (V)	mg/kg	2.59	2.32	2.56	2.51	1.98	0.020	9287563
Total (Wet Wt) Zinc (Zn)	mg/kg	11.3	11.0	11.2	10.7	10.3	0.20	9287563
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9287563
RDL = Reportable Detection Limit								

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8432	UK8432	UK8433	UK8434	UK8435		
Sampling Date								
	UNITS	KILD-CLAMS 06	KILD-CLAMS 06 Lab-Dup	KILD-CLAMS 07	KILD-CLAMS 08	KILD-CLAMS 09	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	279	293	366	356	254	0.50	9287563
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0040	0.0040	0.0048	0.0050	0.0046	0.0020	9287563
Total (Wet Wt) Arsenic (As)	mg/kg	1.54	1.56	1.75	1.78	1.95	0.0050	9287563
Total (Wet Wt) Barium (Ba)	mg/kg	4.58	4.79	4.87	6.04	4.28	0.010	9287563
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0034	0.0043	0.0060	0.0047	0.0034	0.0020	9287563
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0031	0.0030	0.0034	0.0036	0.0030	0.0013	9287563
Total (Wet Wt) Boron (B)	mg/kg	2.05	2.07	2.12	2.21	2.11	0.20	9287563
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.252	0.254	0.234	0.260	0.293	0.0013	9287563
Total (Wet Wt) Calcium (Ca)	mg/kg	684	598	717	749	496	4.0	9287563
Total (Wet Wt) Chromium (Cr)	mg/kg	1.11	1.14	0.827	0.942	0.669	0.025	9287563
Total (Wet Wt) Cobalt (Co)	mg/kg	0.931	0.938	0.870	1.07	0.673	0.0013	9287563
Total (Wet Wt) Copper (Cu)	mg/kg	3.45	3.51	3.72	4.44	3.92	0.013	9287563
Total (Wet Wt) Iron (Fe)	mg/kg	1100	1110	1270	1310	1100	0.25	9287563
Total (Wet Wt) Lanthanum (La)	mg/kg	0.229	0.230	0.261	0.287	0.247	0.010	9287563
Total (Wet Wt) Lead (Pb)	mg/kg	0.0751	0.0778	0.0832	0.0903	0.0672	0.0013	9287563
Total (Wet Wt) Lithium (Li)	mg/kg	0.29	0.33	0.36	0.35	0.26	0.10	9287563
Total (Wet Wt) Magnesium (Mg)	mg/kg	581	601	627	643	566	0.40	9287563
Total (Wet Wt) Manganese (Mn)	mg/kg	128	133	114	162	95.7	0.010	9287563
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	0.013	9287563
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.331 (1)	0.198 (2)	0.191	0.212	0.187	0.0080	9287563
Total (Wet Wt) Nickel (Ni)	mg/kg	0.581	0.572	0.424	0.458	0.364	0.010	9287563
Total (Wet Wt) Phosphorus (P)	mg/kg	1370	1400	1250	1340	1300	2.0	9287563
Total (Wet Wt) Potassium (K)	mg/kg	2160	2180	2170	2290	2140	2.5	9287563
Total (Wet Wt) Selenium (Se)	mg/kg	0.326	0.334	0.340	0.367	0.401	0.010	9287563
Total (Wet Wt) Silicon (Si)	mg/kg	206	213	219	225	198	50	9287563
Total (Wet Wt) Silver (Ag)	mg/kg	0.0356	0.0368	0.0437	0.0448	0.0455	0.0013	9287563
Total (Wet Wt) Sodium (Na)	mg/kg	2630	2680	2440	2530	2500	2.5	9287563
Total (Wet Wt) Strontium (Sr)	mg/kg	9.62	8.95	10.6	10.5	8.12	0.013	9287563
Total (Wet Wt) Sulphur (S)	mg/kg	1520	1550	1600	1700	1610	50	9287563

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (Mo) above control limit - (10% of analytes failure allowed).
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8432	UK8432	UK8433	UK8434	UK8435		
Sampling Date								
	UNITS	KILD-CLAMS 06	KILD-CLAMS 06 Lab-Dup	KILD-CLAMS 07	KILD-CLAMS 08	KILD-CLAMS 09	RDL	QC Batch
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00219	0.00237	0.00259	0.00271	0.00209	0.00040	9287563
Total (Wet Wt) Thorium (Th)	mg/kg	0.0090	0.0091	0.0119	0.0091	0.0096	0.0025	9287563
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.021	<0.020	0.020	9287563
Total (Wet Wt) Titanium (Ti)	mg/kg	16.9	19.1	23.3	23.3	15.6	0.13	9287563
Total (Wet Wt) Tungsten (W)	mg/kg	0.0095	0.0140	0.0104	0.0119	0.0099	0.0050	9287563
Total (Wet Wt) Uranium (U)	mg/kg	0.0483	0.0472	0.0540	0.0526	0.0467	0.00040	9287563
Total (Wet Wt) Vanadium (V)	mg/kg	2.23	2.29	2.63	2.63	2.07	0.020	9287563
Total (Wet Wt) Zinc (Zn)	mg/kg	9.67	9.72	10.1	10.2	10.1	0.20	9287563
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9287563

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8436	UK8437	UK8438	UK8439	UK8440		
Sampling Date								
	UNITS	KILD-CLAMS 10	KILD-CLAMS 11	KILD-CLAMS 12	KILD-CLAMS 13	KILD-CLAMS 14	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	401	246	233	289	360	0.50	9287563
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0053	0.0049	0.0045	0.0039	0.0043	0.0020	9287563
Total (Wet Wt) Arsenic (As)	mg/kg	2.14	1.84	1.78	1.54	1.80	0.0050	9287563
Total (Wet Wt) Barium (Ba)	mg/kg	5.20	3.86	3.97	4.89	4.90	0.010	9287563
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0066	0.0041	0.0040	0.0042	0.0051	0.0020	9287563
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0058	0.0027	0.0025	0.0028	0.0030	0.0013	9287563
Total (Wet Wt) Boron (B)	mg/kg	2.41	2.05	2.24	2.17	2.01	0.20	9287563
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.292	0.235	0.263	0.264	0.263	0.0013	9287563
Total (Wet Wt) Calcium (Ca)	mg/kg	498	562	597	620	608	4.0	9287563
Total (Wet Wt) Chromium (Cr)	mg/kg	0.971	0.628	0.672	0.691	1.05	0.025	9287563
Total (Wet Wt) Cobalt (Co)	mg/kg	0.552	0.537	0.443	0.750	0.801	0.0013	9287563
Total (Wet Wt) Copper (Cu)	mg/kg	3.73	3.35	3.70	3.90	4.05	0.013	9287563
Total (Wet Wt) Iron (Fe)	mg/kg	2000	1300	1250	1070	1260	0.25	9287563
Total (Wet Wt) Lanthanum (La)	mg/kg	0.312	0.249	0.238	0.243	0.287	0.010	9287563
Total (Wet Wt) Lead (Pb)	mg/kg	0.0822	0.0730	0.0643	0.0701	0.0763	0.0013	9287563
Total (Wet Wt) Lithium (Li)	mg/kg	0.38	0.25	0.21	0.29	0.35	0.10	9287563
Total (Wet Wt) Magnesium (Mg)	mg/kg	645	579	579	616	622	0.40	9287563
Total (Wet Wt) Manganese (Mn)	mg/kg	52.4	70.4	58.7	113	107	0.010	9287563
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	0.013	9287563
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.192	0.176	0.147	0.177	0.192	0.0080	9287563
Total (Wet Wt) Nickel (Ni)	mg/kg	0.391	0.361	0.314	0.377	0.519	0.010	9287563
Total (Wet Wt) Phosphorus (P)	mg/kg	1290	1230	1300	1410	1400	2.0	9287563
Total (Wet Wt) Potassium (K)	mg/kg	2140	2000	2080	2270	2290	2.5	9287563
Total (Wet Wt) Selenium (Se)	mg/kg	0.363	0.309	0.310	0.344	0.352	0.010	9287563
Total (Wet Wt) Silicon (Si)	mg/kg	220	195	187	203	224	50	9287563
Total (Wet Wt) Silver (Ag)	mg/kg	0.0396	0.0420	0.0439	0.0407	0.0466	0.0013	9287563
Total (Wet Wt) Sodium (Na)	mg/kg	2520	2720	2690	2820	2420	2.5	9287563
Total (Wet Wt) Strontium (Sr)	mg/kg	8.59	8.84	8.48	8.77	8.57	0.013	9287563
Total (Wet Wt) Sulphur (S)	mg/kg	1630	1630	1670	1660	1600	50	9287563
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00290	0.00185	0.00193	0.00225	0.00254	0.00040	9287563
Total (Wet Wt) Thorium (Th)	mg/kg	0.0192	0.0097	0.0116	0.0083	0.0156	0.0025	9287563
Total (Wet Wt) Tin (Sn)	mg/kg	0.040	<0.020	0.034	<0.020	<0.020	0.020	9287563

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8436	UK8437	UK8438	UK8439	UK8440		
Sampling Date								
	UNITS	KILD-CLAMS 10	KILD-CLAMS 11	KILD-CLAMS 12	KILD-CLAMS 13	KILD-CLAMS 14	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	23.9	14.0	14.8	18.2	23.7	0.13	9287563
Total (Wet Wt) Tungsten (W)	mg/kg	0.0124	0.0100	0.0164	0.0101	0.0102	0.0050	9287563
Total (Wet Wt) Uranium (U)	mg/kg	0.0594	0.0428	0.0397	0.0436	0.0509	0.00040	9287563
Total (Wet Wt) Vanadium (V)	mg/kg	2.78	2.08	1.90	2.23	2.54	0.020	9287563
Total (Wet Wt) Zinc (Zn)	mg/kg	10.4	9.73	10.1	10.6	10.5	0.20	9287563
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9287563
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
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Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8441		UK8492	UK8494	UK8496		
Sampling Date								
	UNITS	KILD-CLAMS 15	QC Batch	KVS-C22 HEPATO	KVS-C24 HEPATO	KVS-C26 HEPATO	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	301	9287563	0.58	1.50	1.35	0.50	9299259
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0047	9287563	0.0067	0.0057	0.0097	0.0020	9299259
Total (Wet Wt) Arsenic (As)	mg/kg	1.69	9287563	3.22	4.89	8.08	0.0050	9299259
Total (Wet Wt) Barium (Ba)	mg/kg	4.41	9287563	0.065	0.068	0.172	0.010	9299259
Total (Wet Wt) Beryllium (Be)	mg/kg	0.0043	9287563	<0.0020	<0.0020	<0.0020	0.0020	9299259
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0029	9287563	0.0027	0.0041	0.0022	0.0013	9299259
Total (Wet Wt) Boron (B)	mg/kg	2.16	9287563	1.52	2.09	11.8	0.20	9299259
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.274	9287563	0.833	0.329	0.197	0.0013	9299259
Total (Wet Wt) Calcium (Ca)	mg/kg	532	9287563	639	548	3020	4.0	9299259
Total (Wet Wt) Chromium (Cr)	mg/kg	0.923	9287563	<0.025	<0.025	<0.025	0.025	9299259
Total (Wet Wt) Cobalt (Co)	mg/kg	0.686	9287563	0.216	0.233	0.123	0.0013	9299259
Total (Wet Wt) Copper (Cu)	mg/kg	4.20	9287563	23.5	56.7	74.7	0.013	9299259
Total (Wet Wt) Iron (Fe)	mg/kg	1340	9287563	47.0	91.8	21.1	0.25	9299259
Total (Wet Wt) Lanthanum (La)	mg/kg	0.315	9287563	<0.010	<0.010	<0.010	0.010	9299259
Total (Wet Wt) Lead (Pb)	mg/kg	0.0802	9287563	0.0062	0.0028	0.0072	0.0013	9299259
Total (Wet Wt) Lithium (Li)	mg/kg	0.30	9287563	0.12	0.16	0.14	0.10	9299259
Total (Wet Wt) Magnesium (Mg)	mg/kg	608	9287563	487	497	527	0.40	9299259
Total (Wet Wt) Manganese (Mn)	mg/kg	89.1	9287563	1.20	1.41	1.29	0.010	9299259
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	9287563	0.073	0.058	0.115	0.013	9299259
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.170	9287563	0.259	0.234	0.268	0.0080	9299259
Total (Wet Wt) Nickel (Ni)	mg/kg	0.409	9287563	0.231	0.144	0.059	0.010	9299259
Total (Wet Wt) Phosphorus (P)	mg/kg	1410	9287563	1320	1560	3280	2.0	9299259
Total (Wet Wt) Potassium (K)	mg/kg	2270	9287563	1650	1650	1750	2.5	9299259
Total (Wet Wt) Selenium (Se)	mg/kg	0.314	9287563	1.56	1.33	1.11	0.010	9299259
Total (Wet Wt) Silicon (Si)	mg/kg	200	9287563	<50	<50	<50	50	9299259
Total (Wet Wt) Silver (Ag)	mg/kg	0.0415	9287563	0.271	0.435	0.492	0.0013	9299259
Total (Wet Wt) Sodium (Na)	mg/kg	2610	9287563	6390	6790	6640	2.5	9299259
Total (Wet Wt) Strontium (Sr)	mg/kg	9.16	9287563	10.4	11.0	69.8	0.013	9299259
Total (Wet Wt) Sulphur (S)	mg/kg	1620	9287563	2410	2380	2950	50	9299259
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00215	9287563	0.00053	0.00054	0.00049	0.00040	9299259
Total (Wet Wt) Thorium (Th)	mg/kg	0.0247	9287563	<0.0025	<0.0025	<0.0025	0.0025	9299259
Total (Wet Wt) Tin (Sn)	mg/kg	0.043	9287563	<0.020	<0.020	<0.020	0.020	9299259

RDL = Reportable Detection Limit

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8441		UK8492	UK8494	UK8496		
Sampling Date								
	UNITS	**KILD-CLAMS 15**	**QC Batch**	**KVS-C22 HEPATO**	**KVS-C24 HEPATO**	**KVS-C26 HEPATO**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	18.6	9287563	<0.13	0.15	0.29	0.13	9299259
Total (Wet Wt) Tungsten (W)	mg/kg	0.0109	9287563	0.0059	<0.0050	<0.0050	0.0050	9299259
Total (Wet Wt) Uranium (U)	mg/kg	0.0453	9287563	0.0255	0.0320	0.0430	0.00040	9299259
Total (Wet Wt) Vanadium (V)	mg/kg	2.40	9287563	0.092	0.134	0.065	0.020	9299259
Total (Wet Wt) Zinc (Zn)	mg/kg	10.1	9287563	11.5	12.1	12.3	0.20	9299259
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	9287563	<0.040	<0.040	<0.040	0.040	9299259
RDL = Reportable Detection Limit								

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Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8500	UK8503		UR1835	UR1836		
Sampling Date								
	UNITS	KVS-C30 HEPATO	KVS-C33 HEPATO	QC Batch	Harbour-Sole-01	Harbour-Sole-02	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.98	0.65	9299259	<0.50	<0.50	0.50	9286270
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0072	0.0058	9299259	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Arsenic (As)	mg/kg	12.6	2.69	9299259	1.36	3.25	0.0050	9286270
Total (Wet Wt) Barium (Ba)	mg/kg	0.115	0.117	9299259	<0.010	0.029	0.010	9286270
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9299259	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0039	0.0015	9299259	0.0016	0.0027	0.0013	9286270
Total (Wet Wt) Boron (B)	mg/kg	2.95	1.79	9299259	<0.20	<0.20	0.20	9286270
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.398	0.508	9299259	<0.0013	0.0015	0.0013	9286270
Total (Wet Wt) Calcium (Ca)	mg/kg	646	659	9299259	124	241	4.0	9286270
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	9299259	0.260	0.107	0.025	9286270
Total (Wet Wt) Cobalt (Co)	mg/kg	0.227	0.158	9299259	0.0058	0.0042	0.0013	9286270
Total (Wet Wt) Copper (Cu)	mg/kg	109	17.1	9299259	0.421	0.493	0.013	9286270
Total (Wet Wt) Iron (Fe)	mg/kg	25.8	22.3	9299259	2.10	2.10	0.25	9286270
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	9299259	<0.010	<0.010	0.010	9286270
Total (Wet Wt) Lead (Pb)	mg/kg	0.0051	0.0081	9299259	<0.0013	0.0027	0.0013	9286270
Total (Wet Wt) Lithium (Li)	mg/kg	0.16	0.13	9299259	<0.10	<0.10	0.10	9286270
Total (Wet Wt) Magnesium (Mg)	mg/kg	526	557	9299259	232	258	0.40	9286270
Total (Wet Wt) Manganese (Mn)	mg/kg	1.20	0.952	9299259	0.089	0.109	0.010	9286270
Total (Wet Wt) Mercury (Hg)	mg/kg	0.098	0.032	9299259	0.074	0.187	0.013	9286270
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.258	0.161	9299259	<0.0080	<0.0080	0.0080	9286270
Total (Wet Wt) Nickel (Ni)	mg/kg	0.179	0.234	9299259	0.089	0.037	0.010	9286270
Total (Wet Wt) Phosphorus (P)	mg/kg	1470	924	9299259	1800	1990	2.0	9286270
Total (Wet Wt) Potassium (K)	mg/kg	2100	1480	9299259	3540	3710	2.5	9286270
Total (Wet Wt) Selenium (Se)	mg/kg	1.56	1.42	9299259	0.238	0.293	0.010	9286270
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	9299259	<50	<50	50	9286270
Total (Wet Wt) Silver (Ag)	mg/kg	1.68	0.136	9299259	<0.0013	<0.0013	0.0013	9286270
Total (Wet Wt) Sodium (Na)	mg/kg	6490	6830	9299259	853	874	2.5	9286270
Total (Wet Wt) Strontium (Sr)	mg/kg	17.7	16.5	9299259	0.567	1.44	0.013	9286270
Total (Wet Wt) Sulphur (S)	mg/kg	2670	1970	9299259	2200	2120	50	9286270
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00062	<0.00040	9299259	<0.00040	<0.00040	0.00040	9286270
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	9299259	<0.0025	<0.0025	0.0025	9286270
Total (Wet Wt) Tin (Sn)	mg/kg	0.020	<0.020	9299259	0.096	0.049	0.020	9286270

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UK8500	UK8503		UR1835	UR1836		
Sampling Date								
	UNITS	KVS-C30 HEPATO	KVS-C33 HEPATO	QC Batch	Harbour-Sole-01	Harbour-Sole-02	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	<0.13	9299259	0.13	0.14	0.13	9286270
Total (Wet Wt) Tungsten (W)	mg/kg	0.0095	<0.0050	9299259	<0.0050	<0.0050	0.0050	9286270
Total (Wet Wt) Uranium (U)	mg/kg	0.0285	0.0230	9299259	<0.00040	<0.00040	0.00040	9286270
Total (Wet Wt) Vanadium (V)	mg/kg	0.098	0.090	9299259	<0.020	<0.020	0.020	9286270
Total (Wet Wt) Zinc (Zn)	mg/kg	10.1	8.23	9299259	3.73	3.91	0.20	9286270
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	9299259	<0.040	<0.040	0.040	9286270
RDL = Reportable Detection Limit								

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Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1837	UR1838	UR1839	UR1840		
Sampling Date							
	UNITS	Harbour-Sole-03	Harbour-Sole-04	Harbour-Sole-05	Harbour-Sole-06	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	9286270
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Arsenic (As)	mg/kg	2.26	2.31	2.14	1.51	0.0050	9286270
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	<0.010	0.021	0.010	9286270
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0024	0.0015	0.0020	0.0014	0.0013	9286270
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	9286270
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0014	0.0013	9286270
Total (Wet Wt) Calcium (Ca)	mg/kg	173	276	256	543	4.0	9286270
Total (Wet Wt) Chromium (Cr)	mg/kg	0.063	<0.025	<0.025	0.047	0.025	9286270
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0027	0.0029	0.0034	0.0037	0.0013	9286270
Total (Wet Wt) Copper (Cu)	mg/kg	0.387	0.245	0.187	0.267	0.013	9286270
Total (Wet Wt) Iron (Fe)	mg/kg	1.57	1.32	1.25	1.50	0.25	9286270
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9286270
Total (Wet Wt) Lead (Pb)	mg/kg	0.0024	<0.0013	<0.0013	0.0020	0.0013	9286270
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	9286270
Total (Wet Wt) Magnesium (Mg)	mg/kg	266	248	248	270	0.40	9286270
Total (Wet Wt) Manganese (Mn)	mg/kg	0.112	0.122	0.106	0.124	0.010	9286270
Total (Wet Wt) Mercury (Hg)	mg/kg	0.093	0.091	0.150	0.100	0.013	9286270
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9286270
Total (Wet Wt) Nickel (Ni)	mg/kg	0.019	0.017	<0.010	0.019	0.010	9286270
Total (Wet Wt) Phosphorus (P)	mg/kg	1980	1990	1930	2280	2.0	9286270
Total (Wet Wt) Potassium (K)	mg/kg	3790	3700	3640	3900	2.5	9286270
Total (Wet Wt) Selenium (Se)	mg/kg	0.336	0.368	0.438	0.368	0.010	9286270
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9286270
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9286270
Total (Wet Wt) Sodium (Na)	mg/kg	781	799	833	788	2.5	9286270
Total (Wet Wt) Strontium (Sr)	mg/kg	0.918	1.61	1.38	2.95	0.013	9286270
Total (Wet Wt) Sulphur (S)	mg/kg	2410	2290	2220	2270	50	9286270
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9286270
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9286270
Total (Wet Wt) Tin (Sn)	mg/kg	0.046	0.022	0.027	0.027	0.020	9286270

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1837	UR1838	UR1839	UR1840		
Sampling Date							
	UNITS	Harbour-Sole-03	Harbour-Sole-04	Harbour-Sole-05	Harbour-Sole-06	RDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.15	0.15	0.17	0.17	0.13	9286270
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9286270
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00059	0.00040	9286270
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.036	<0.020	<0.020	0.020	9286270
Total (Wet Wt) Zinc (Zn)	mg/kg	4.18	4.34	4.30	4.79	0.20	9286270
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9286270
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation

Maxxam Job #: B873059
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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1841	UR1842	UR1843	UR1844		
Sampling Date							
	UNITS	Harbour-Sole-07	Harbour-Sole-08	Harbour-Sole-09	Harbour-Sole-10	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	0.77	0.97	0.50	9286270
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Arsenic (As)	mg/kg	3.12	3.32	1.67	2.90	0.0050	9286270
Total (Wet Wt) Barium (Ba)	mg/kg	0.010	0.011	0.028	0.013	0.010	9286270
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0016	0.0018	0.0017	0.0024	0.0013	9286270
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	9286270
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0015	<0.0013	0.0013	9286270
Total (Wet Wt) Calcium (Ca)	mg/kg	193	236	615	337	4.0	9286270
Total (Wet Wt) Chromium (Cr)	mg/kg	0.032	0.096	0.030	<0.025	0.025	9286270
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0046	0.0036	0.0045	0.0040	0.0013	9286270
Total (Wet Wt) Copper (Cu)	mg/kg	0.258	0.296	0.184	0.204	0.013	9286270
Total (Wet Wt) Iron (Fe)	mg/kg	1.39	1.65	1.77	1.75	0.25	9286270
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9286270
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0015	0.0022	<0.0013	0.0013	9286270
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	9286270
Total (Wet Wt) Magnesium (Mg)	mg/kg	228	245	263	239	0.40	9286270
Total (Wet Wt) Manganese (Mn)	mg/kg	0.089	0.112	0.149	0.098	0.010	9286270
Total (Wet Wt) Mercury (Hg)	mg/kg	0.173	0.144	0.108	0.186	0.013	9286270
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9286270
Total (Wet Wt) Nickel (Ni)	mg/kg	0.015	0.033	0.019	<0.010	0.010	9286270
Total (Wet Wt) Phosphorus (P)	mg/kg	1920	2000	2240	1900	2.0	9286270
Total (Wet Wt) Potassium (K)	mg/kg	3440	3700	3820	3250	2.5	9286270
Total (Wet Wt) Selenium (Se)	mg/kg	0.435	0.507	0.338	0.263	0.010	9286270
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9286270
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9286270
Total (Wet Wt) Sodium (Na)	mg/kg	926	833	887	1030	2.5	9286270
Total (Wet Wt) Strontium (Sr)	mg/kg	1.24	1.60	3.39	2.28	0.013	9286270
Total (Wet Wt) Sulphur (S)	mg/kg	1900	2050	2250	1920	50	9286270
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9286270
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9286270
Total (Wet Wt) Tin (Sn)	mg/kg	0.023	0.036	0.037	0.026	0.020	9286270
RDL = Reportable Detection Limit							

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1841	UR1842	UR1843	UR1844		
Sampling Date							
	UNITS	**Harbour-Sole-07**	**Harbour-Sole-08**	**Harbour-Sole-09**	**Harbour-Sole-10**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.15	0.18	0.14	0.13	9286270
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9286270
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00064	<0.00040	0.00040	9286270
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	9286270
Total (Wet Wt) Zinc (Zn)	mg/kg	5.09	4.30	4.58	4.83	0.20	9286270
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9286270
RDL = Reportable Detection Limit							

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1845	UR1845	UR1846	UR1847		
Sampling Date							
	UNITS	Harbour-Sole-11	Harbour-Sole-11 Lab-Dup	Harbour-Sole-12	Harbour-Sole-13	RDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	9286270
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Arsenic (As)	mg/kg	1.97	2.00	2.01	2.02	0.0050	9286270
Total (Wet Wt) Barium (Ba)	mg/kg	0.010	0.027	0.019	<0.010	0.010	9286270
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9286270
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	0.0015	0.0020	0.0021	0.0013	9286270
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	9286270
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0014	0.0013	9286270
Total (Wet Wt) Calcium (Ca)	mg/kg	239 (1)	1080 (2)	419	299	4.0	9286270
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.112	0.156	0.025	9286270
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0030	0.0033	0.0038	0.0041	0.0013	9286270
Total (Wet Wt) Copper (Cu)	mg/kg	0.200	0.229	0.421	0.230	0.013	9286270
Total (Wet Wt) Iron (Fe)	mg/kg	1.23	1.32	1.89	1.86	0.25	9286270
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	9286270
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0013	<0.0013	<0.0013	0.0013	9286270
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	9286270
Total (Wet Wt) Magnesium (Mg)	mg/kg	256	278	244	262	0.40	9286270
Total (Wet Wt) Manganese (Mn)	mg/kg	0.087 (3)	0.165 (2)	0.124	0.113	0.010	9286270
Total (Wet Wt) Mercury (Hg)	mg/kg	0.081	0.080	0.108	0.121	0.013	9286270
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9286270
Total (Wet Wt) Nickel (Ni)	mg/kg	0.011	<0.010	0.037	0.054	0.010	9286270
Total (Wet Wt) Phosphorus (P)	mg/kg	1920	2410	2000	2070	2.0	9286270
Total (Wet Wt) Potassium (K)	mg/kg	3670	3680	3580	3820	2.5	9286270
Total (Wet Wt) Selenium (Se)	mg/kg	0.308	0.321	0.316	0.298	0.010	9286270
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	9286270
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9286270

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (Ca) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(3) Duplicate RPD for (Mn) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1845	UR1845	UR1846	UR1847		
Sampling Date							
	UNITS	Harbour-Sole-11	Harbour-Sole-11 Lab-Dup	Harbour-Sole-12	Harbour-Sole-13	RDL	QC Batch
Total (Wet Wt) Sodium (Na)	mg/kg	876	901	907	854	2.5	9286270
Total (Wet Wt) Strontium (Sr)	mg/kg	1.26 (1)	5.26 (2)	2.58	1.59	0.013	9286270
Total (Wet Wt) Sulphur (S)	mg/kg	2450	2440	2230	2220	50	9286270
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9286270
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9286270
Total (Wet Wt) Tin (Sn)	mg/kg	0.039	0.032	0.041	0.076	0.020	9286270
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.21	0.16	<0.13	0.13	9286270
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9286270
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00064	0.00065	<0.00040	0.00040	9286270
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.056	<0.020	<0.020	0.020	9286270
Total (Wet Wt) Zinc (Zn)	mg/kg	4.39	4.86	4.35	4.68	0.20	9286270
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	9286270

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (Sr) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1848	UR1849		UR1850	UR1851		
Sampling Date								
	UNITS	Harbour-Sole-14	Harbour-Sole-15	QC Batch	KArm-Sole-01	KArm-Sole-02	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	9286270	<0.50	<0.50	0.50	9291899
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	9286270	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Arsenic (As)	mg/kg	2.19	1.94	9286270	1.25	2.04	0.0050	9291899
Total (Wet Wt) Barium (Ba)	mg/kg	0.040	0.010	9286270	<0.010	0.015	0.010	9291899
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9286270	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0021	0.0015	9286270	0.0016	0.0029	0.0013	9291899
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	9286270	<0.20	<0.20 (1)	0.20	9291899
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	9286270	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Calcium (Ca)	mg/kg	184	264	9286270	153	270 (2)	4.0	9291899
Total (Wet Wt) Chromium (Cr)	mg/kg	0.273	0.760	9286270	<0.025	<0.025	0.025	9291899
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0061	0.0089	9286270	0.0015	0.0062	0.0013	9291899
Total (Wet Wt) Copper (Cu)	mg/kg	0.362	0.263	9286270	0.143	0.145	0.013	9291899
Total (Wet Wt) Iron (Fe)	mg/kg	2.84	6.02	9286270	0.73	1.63	0.25	9291899
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	9286270	<0.010	<0.010	0.010	9291899
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0014	9286270	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	9286270	<0.10	<0.10	0.10	9291899
Total (Wet Wt) Magnesium (Mg)	mg/kg	240	251	9286270	258	260	0.40	9291899
Total (Wet Wt) Manganese (Mn)	mg/kg	0.100	0.148	9286270	0.095	0.108	0.010	9291899
Total (Wet Wt) Mercury (Hg)	mg/kg	0.158	0.085	9286270	0.077	0.090	0.013	9291899
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0192	9286270	<0.0080	<0.0080	0.0080	9291899
Total (Wet Wt) Nickel (Ni)	mg/kg	0.081	0.181	9286270	<0.010	<0.010	0.010	9291899
Total (Wet Wt) Phosphorus (P)	mg/kg	1770	1920	9286270	1980	2060	2.0	9291899
Total (Wet Wt) Potassium (K)	mg/kg	3400	3600	9286270	3750	3760	2.5	9291899
Total (Wet Wt) Selenium (Se)	mg/kg	0.336	0.266	9286270	0.301	0.354	0.010	9291899
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	9286270	<50	<50	50	9291899
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	9286270	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Sodium (Na)	mg/kg	1010	906	9286270	649	578	2.5	9291899
Total (Wet Wt) Strontium (Sr)	mg/kg	1.08	1.73	9286270	0.588	1.28 (3)	0.013	9291899

RDL = Reportable Detection Limit

(1) Duplicate RPD for (B) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

(2) Duplicate RPD for (Ca) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

(3) Duplicate RPD for (Sr) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1848	UR1849		UR1850	UR1851		
Sampling Date								
	UNITS	Harbour-Sole-14	Harbour-Sole-15	QC Batch	KArm-Sole-01	KArm-Sole-02	RDL	QC Batch
Total (Wet Wt) Sulphur (S)	mg/kg	2160	2200	9286270	2220	1970	50	9291899
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	9286270	<0.00040	<0.00040	0.00040	9291899
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	9286270	<0.0025	<0.0025	0.0025	9291899
Total (Wet Wt) Tin (Sn)	mg/kg	0.214	0.793	9286270	<0.020	<0.020	0.020	9291899
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	0.14	9286270	<0.13	<0.13	0.13	9291899
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	9286270	<0.0050	<0.0050	0.0050	9291899
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	9286270	<0.00040	<0.00040	0.00040	9291899
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.020	9286270	<0.020	<0.020	0.020	9291899
Total (Wet Wt) Zinc (Zn)	mg/kg	4.62	4.21	9286270	3.54	3.77	0.20	9291899
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	9286270	<0.040	<0.040	0.040	9291899

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1851	UR1852	UR1853	UR1854	UR1855		
Sampling Date								
	UNITS	KArm-Sole-02 Lab-Dup	KArm-Sole-03	KArm-Sole-04	KArm-Sole-05	KArm-Sole-06	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	1.12	<0.50	<0.50	0.50	9291899
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Arsenic (As)	mg/kg	2.03	2.64	1.56	2.29	3.01	0.0050	9291899
Total (Wet Wt) Barium (Ba)	mg/kg	0.020	<0.010	0.012	<0.010	0.013	0.010	9291899
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0033	0.0018	0.0024	0.0023	0.0026	0.0013	9291899
Total (Wet Wt) Boron (B)	mg/kg	6.70 (1)	<0.20	<0.20	<0.20	<0.20	0.20	9291899
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0017	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Calcium (Ca)	mg/kg	145 (1)	174	142	159	229	4.0	9291899
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	0.025	9291899
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0062	0.0100	0.0059	0.0034	0.0049	0.0013	9291899
Total (Wet Wt) Copper (Cu)	mg/kg	0.150	0.185	0.170	0.161	0.149	0.013	9291899
Total (Wet Wt) Iron (Fe)	mg/kg	1.51	1.06	1.51	1.02	1.07	0.25	9291899
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291899
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0014	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	9291899
Total (Wet Wt) Magnesium (Mg)	mg/kg	259	238	253	235	234	0.40	9291899
Total (Wet Wt) Manganese (Mn)	mg/kg	0.089	0.084	0.104	0.075	0.113	0.010	9291899
Total (Wet Wt) Mercury (Hg)	mg/kg	0.099	0.113	0.050	0.120	0.124	0.013	9291899
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9291899
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.014	0.012	<0.010	0.010	0.010	9291899
Total (Wet Wt) Phosphorus (P)	mg/kg	2020	1920	1850	1890	1960	2.0	9291899
Total (Wet Wt) Potassium (K)	mg/kg	3880	3550	3630	3640	3740	2.5	9291899
Total (Wet Wt) Selenium (Se)	mg/kg	0.366	0.412	0.379	0.373	0.320	0.010	9291899
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9291899
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Sodium (Na)	mg/kg	596	815	726	613	822	2.5	9291899
Total (Wet Wt) Strontium (Sr)	mg/kg	0.617 (1)	0.813	0.501	0.653	1.26	0.013	9291899
Total (Wet Wt) Sulphur (S)	mg/kg	2040	1960	2310	1930	2020	50	9291899
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291899

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1851	UR1852	UR1853	UR1854	UR1855		
Sampling Date								
	UNITS	KArm-Sole-02 Lab-Dup	KArm-Sole-03	KArm-Sole-04	KArm-Sole-05	KArm-Sole-06	RDL	QC Batch
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9291899
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.036	0.020	9291899
Total (Wet Wt) Titanium (Ti)	mg/kg	0.13	0.13	<0.13	<0.13	<0.13	0.13	9291899
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9291899
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291899
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9291899
Total (Wet Wt) Zinc (Zn)	mg/kg	3.82	3.71	3.74	3.23	3.39	0.20	9291899
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9291899

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1856	UR1857	UR1858	UR1859	UR1860		
Sampling Date								
	UNITS	KArm-Sole-07	KArm-Sole-08	KArm-Sole-09	KArm-Sole-10	KArm-Sole-11	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	2.73	<0.50	0.50	9291899
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Arsenic (As)	mg/kg	8.77	1.68	2.22	2.07	1.78	0.0050	9291899
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	0.011	0.037	<0.010	0.010	9291899
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291899
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	0.0023	0.0025	0.0024	0.0019	0.0013	9291899
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	9291899
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0016	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Calcium (Ca)	mg/kg	85.1	228	248	97.1	106	4.0	9291899
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.029	<0.025	0.056	<0.025	0.025	9291899
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0018	0.0042	0.0039	0.0076	0.0018	0.0013	9291899
Total (Wet Wt) Copper (Cu)	mg/kg	0.142	0.223	0.147	0.238	0.141	0.013	9291899
Total (Wet Wt) Iron (Fe)	mg/kg	0.79	1.12	0.97	4.45	0.91	0.25	9291899
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291899
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	9291899
Total (Wet Wt) Magnesium (Mg)	mg/kg	190	232	252	215	249	0.40	9291899
Total (Wet Wt) Manganese (Mn)	mg/kg	0.068	0.099	0.101	0.146	0.095	0.010	9291899
Total (Wet Wt) Mercury (Hg)	mg/kg	0.299	0.108	0.090	0.117	0.106	0.013	9291899
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9291899
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.014	<0.010	0.019	<0.010	0.010	9291899
Total (Wet Wt) Phosphorus (P)	mg/kg	1550	1930	2060	1810	1940	2.0	9291899
Total (Wet Wt) Potassium (K)	mg/kg	2860	3670	3710	3390	3770	2.5	9291899
Total (Wet Wt) Selenium (Se)	mg/kg	0.190	0.544	0.328	0.334	0.283	0.010	9291899
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9291899
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291899
Total (Wet Wt) Sodium (Na)	mg/kg	975	640	548	671	519	2.5	9291899
Total (Wet Wt) Strontium (Sr)	mg/kg	0.717	1.07	1.09	0.437	0.374	0.013	9291899
Total (Wet Wt) Sulphur (S)	mg/kg	1380	1940	2050	1840	2110	50	9291899
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291899
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9291899
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.025	0.024	0.026	<0.020	0.020	9291899

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1856	UR1857	UR1858	UR1859	UR1860		
Sampling Date								
	UNITS	**KArm-Sole-07**	**KArm-Sole-08**	**KArm-Sole-09**	**KArm-Sole-10**	**KArm-Sole-11**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	<0.13	<0.13	0.41	<0.13	0.13	9291899
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9291899
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291899
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9291899
Total (Wet Wt) Zinc (Zn)	mg/kg	3.29	3.33	4.15	3.27	3.52	0.20	9291899
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9291899
RDL = Reportable Detection Limit								

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1861	UR1862	UR1863	UR1864		UR1865		
Sampling Date									
	UNITS	KArm-Sole-12	KArm-Sole-13	KArm-Sole-14	KArm-Sole-15	QC Batch	KV-Sole-01	RDL	QC Batch
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	9291899	<0.50	0.50	9291911
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	9291899	<0.0020	0.0020	9291911
Total (Wet Wt) Arsenic (As)	mg/kg	2.66	3.89	3.40	4.81	9291899	3.27	0.0050	9291911
Total (Wet Wt) Barium (Ba)	mg/kg	0.011	<0.010	0.033	0.012	9291899	0.012	0.010	9291911
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	9291899	<0.0020	0.0020	9291911
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0031	0.0036	0.0022	0.0029	9291899	0.0019	0.0013	9291911
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	9291899	0.22	0.20	9291911
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	9291899	<0.0013	0.0013	9291911
Total (Wet Wt) Calcium (Ca)	mg/kg	197	109	613	161	9291899	190	4.0	9291911
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.084	0.033	9291899	<0.025	0.025	9291911
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0070	0.0095	0.0060	0.0039	9291899	0.0014	0.0013	9291911
Total (Wet Wt) Copper (Cu)	mg/kg	0.127	0.143	0.200	0.185	9291899	0.169	0.013	9291911
Total (Wet Wt) Iron (Fe)	mg/kg	0.93	0.89	1.30	1.30	9291899	1.39	0.25	9291911
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	9291899	<0.010	0.010	9291911
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	9291899	<0.0013	0.0013	9291911
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	9291899	<0.10	0.10	9291911
Total (Wet Wt) Magnesium (Mg)	mg/kg	235	209	223	232	9291899	235	0.40	9291911
Total (Wet Wt) Manganese (Mn)	mg/kg	0.112	0.078	0.158	0.101	9291899	0.103	0.010	9291911
Total (Wet Wt) Mercury (Hg)	mg/kg	0.081	0.210	0.181	0.173	9291899	0.184	0.013	9291911
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	9291899	<0.0080	0.0080	9291911
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	0.036	<0.010	9291899	<0.010	0.010	9291911
Total (Wet Wt) Phosphorus (P)	mg/kg	1850	1790	2190	1890	9291899	1970	2.0	9291911
Total (Wet Wt) Potassium (K)	mg/kg	3590	3410	3840	3820	9291899	3770	2.5	9291911
Total (Wet Wt) Selenium (Se)	mg/kg	0.392	0.396	0.306	0.327	9291899	0.325	0.010	9291911
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	9291899	<50	50	9291911
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	9291899	<0.0013	0.0013	9291911
Total (Wet Wt) Sodium (Na)	mg/kg	597	826	679	594	9291899	731	2.5	9291911
Total (Wet Wt) Strontium (Sr)	mg/kg	1.01	0.632	4.19	0.935	9291899	1.25	0.013	9291911
Total (Wet Wt) Sulphur (S)	mg/kg	2070	1810	1780	1880	9291899	2180	50	9291911
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	9291899	<0.00040	0.00040	9291911
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	9291899	<0.0025	0.0025	9291911
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.030	0.022	9291899	0.022	0.020	9291911

RDL = Reportable Detection Limit

Maxxam Analytics International Corporation o/a Maxxam Analytics Burnaby

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1861	UR1862	UR1863	UR1864		UR1865		
Sampling Date									
	UNITS	**KArm-Sole-12**	**KArm-Sole-13**	**KArm-Sole-14**	**KArm-Sole-15**	**QC Batch**	**KV-Sole-01**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	<0.13	<0.13	<0.13	9291899	0.14	0.13	9291911
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	9291899	<0.0050	0.0050	9291911
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00124	<0.00040	9291899	<0.00040	0.00040	9291911
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	9291899	<0.020	0.020	9291911
Total (Wet Wt) Zinc (Zn)	mg/kg	3.38	3.55	3.99	3.30	9291899	4.00	0.20	9291911
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	9291899	<0.040	0.040	9291911
RDL = Reportable Detection Limit									

Maxxam Analytics International Corporation

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1866	UR1866	UR1867	UR1868	UR1869		
Sampling Date								
	UNITS	KV-Sole-02	KV-Sole-02 Lab-Dup	KV-Sole-03	KV-Sole-04	KV-Sole-05	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	9291911
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Arsenic (As)	mg/kg	4.91	4.68	3.16	4.12	3.37	0.0050	9291911
Total (Wet Wt) Barium (Ba)	mg/kg	0.016	0.020	<0.010	0.012	0.026	0.010	9291911
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0025	0.0024	<0.0013	<0.0013	0.0024	0.0013	9291911
Total (Wet Wt) Boron (B)	mg/kg	<0.20 (1)	13.3 (2)	<0.20	<0.20	<0.20	0.20	9291911
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	0.0015	<0.0013	<0.0013	0.0023	0.0013	9291911
Total (Wet Wt) Calcium (Ca)	mg/kg	308	271	163	268	640	4.0	9291911
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	0.025	9291911
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0023	0.0017	0.0054	0.0015	0.0035	0.0013	9291911
Total (Wet Wt) Copper (Cu)	mg/kg	0.186	0.172	0.363	0.184	0.209	0.013	9291911
Total (Wet Wt) Iron (Fe)	mg/kg	1.53	1.46	1.24	1.07	1.37	0.25	9291911
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Lead (Pb)	mg/kg	0.0016	0.0019	<0.0013	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	9291911
Total (Wet Wt) Magnesium (Mg)	mg/kg	255	245	233	203	230	0.40	9291911
Total (Wet Wt) Manganese (Mn)	mg/kg	0.138	0.125	0.094	0.089	0.189	0.010	9291911
Total (Wet Wt) Mercury (Hg)	mg/kg	0.225	0.227	0.164	0.199	0.299	0.013	9291911
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9291911
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Phosphorus (P)	mg/kg	2170	2090	1990	1900	2190	2.0	9291911
Total (Wet Wt) Potassium (K)	mg/kg	4080	3970	3760	3390	3670	2.5	9291911
Total (Wet Wt) Selenium (Se)	mg/kg	0.332	0.325	0.348	0.718	0.329	0.010	9291911
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9291911
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Sodium (Na)	mg/kg	777	767	964	1140	961	2.5	9291911
Total (Wet Wt) Strontium (Sr)	mg/kg	2.23	2.02	0.997	1.90	5.56	0.013	9291911

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Duplicate RPD for (B) above control limit - Non-homogenous sample - Increased variability of results. Re-analysis yields similar results.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1866	UR1866	UR1867	UR1868	UR1869		
Sampling Date								
	UNITS	KV-Sole-02	KV-Sole-02 Lab-Dup	KV-Sole-03	KV-Sole-04	KV-Sole-05	RDL	QC Batch
Total (Wet Wt) Sulphur (S)	mg/kg	2300	2230	2230	1860	2070	50	9291911
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291911
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9291911
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.020	<0.020	0.021	<0.020	0.020	9291911
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	<0.13	<0.13	<0.13	<0.13	0.13	9291911
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9291911
Total (Wet Wt) Uranium (U)	mg/kg	0.00074	0.00076	<0.00040	<0.00040	0.00251	0.00040	9291911
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9291911
Total (Wet Wt) Zinc (Zn)	mg/kg	4.27	4.14	4.70	4.81	5.17	0.20	9291911
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9291911

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1870	UR1871	UR1872	UR1873	UR1874		
Sampling Date								
	UNITS	KV-Sole-06	KV-Sole-07	KV-Sole-08	KV-Sole-09	KV-Sole-10	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	9291911
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Arsenic (As)	mg/kg	3.45	3.28	2.96	3.28	3.72	0.0050	9291911
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0030	0.0021	0.0020	0.0016	0.0019	0.0013	9291911
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	9291911
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Calcium (Ca)	mg/kg	150	162	168	115	91.6	4.0	9291911
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.111	0.046	<0.025	<0.025	0.025	9291911
Total (Wet Wt) Cobalt (Co)	mg/kg	<0.0013	0.0021	0.0022	0.0015	<0.0013	0.0013	9291911
Total (Wet Wt) Copper (Cu)	mg/kg	0.143	0.209	0.459	0.157	0.134	0.013	9291911
Total (Wet Wt) Iron (Fe)	mg/kg	0.81	1.50	1.55	0.94	1.16	0.25	9291911
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0014	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	9291911
Total (Wet Wt) Magnesium (Mg)	mg/kg	262	281	221	247	240	0.40	9291911
Total (Wet Wt) Manganese (Mn)	mg/kg	0.087	0.104	0.093	0.090	0.060	0.010	9291911
Total (Wet Wt) Mercury (Hg)	mg/kg	0.177	0.187	0.066	0.107	0.053	0.013	9291911
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9291911
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.025	0.018	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Phosphorus (P)	mg/kg	2080	2290	1930	2100	2100	2.0	9291911
Total (Wet Wt) Potassium (K)	mg/kg	3820	4160	3940	4170	4370	2.5	9291911
Total (Wet Wt) Selenium (Se)	mg/kg	0.466	0.420	0.349	0.298	0.436	0.010	9291911
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9291911
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Sodium (Na)	mg/kg	660	624	692	655	522	2.5	9291911
Total (Wet Wt) Strontium (Sr)	mg/kg	0.830	0.883	0.808	0.532	0.258	0.013	9291911
Total (Wet Wt) Sulphur (S)	mg/kg	2450	2470	2540	2260	2880	50	9291911
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291911
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9291911
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.033	<0.020	0.025	0.020	9291911

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1870	UR1871	UR1872	UR1873	UR1874		
Sampling Date								
	UNITS	**KV-Sole-06**	**KV-Sole-07**	**KV-Sole-08**	**KV-Sole-09**	**KV-Sole-10**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	0.16	0.16	<0.13	<0.13	<0.13	0.13	9291911
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9291911
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291911
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9291911
Total (Wet Wt) Zinc (Zn)	mg/kg	4.19	4.07	3.39	3.40	3.55	0.20	9291911
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9291911
RDL = Reportable Detection Limit								

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STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1875	UR1876	UR1877	UR1878	UR1879		
Sampling Date								
	UNITS	KV-Sole-11	KV-Sole-12	KV-Sole-13	KV-Sole-14	KV-Sole-15	RDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	9291911
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Arsenic (As)	mg/kg	3.25	3.63	3.38	2.79	10.5	0.0050	9291911
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	<0.010	0.016	0.011	0.010	9291911
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9291911
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0016	0.0029	0.0026	0.0016	0.0026	0.0013	9291911
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	9291911
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0014	0.0013	9291911
Total (Wet Wt) Calcium (Ca)	mg/kg	244	162	83.6	314	199	4.0	9291911
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.079	0.054	0.050	0.025	9291911
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0023	<0.0013	0.0018	0.0025	0.0026	0.0013	9291911
Total (Wet Wt) Copper (Cu)	mg/kg	0.169	0.139	0.264	0.260	0.243	0.013	9291911
Total (Wet Wt) Iron (Fe)	mg/kg	1.04	1.22	1.51	1.15	1.20	0.25	9291911
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	9291911
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0018	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	9291911
Total (Wet Wt) Magnesium (Mg)	mg/kg	234	189	211	239	204	0.40	9291911
Total (Wet Wt) Manganese (Mn)	mg/kg	0.097	0.071	0.046	0.140	0.108	0.010	9291911
Total (Wet Wt) Mercury (Hg)	mg/kg	0.129	0.174	0.083	0.152	0.293	0.013	9291911
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	9291911
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	0.027	0.017	0.018	0.010	9291911
Total (Wet Wt) Phosphorus (P)	mg/kg	1990	1820	1910	2080	2020	2.0	9291911
Total (Wet Wt) Potassium (K)	mg/kg	3780	3720	4060	3830	3790	2.5	9291911
Total (Wet Wt) Selenium (Se)	mg/kg	0.346	0.251	0.350	0.281	0.306	0.010	9291911
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	9291911
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	9291911
Total (Wet Wt) Sodium (Na)	mg/kg	627	627	575	688	1040	2.5	9291911
Total (Wet Wt) Strontium (Sr)	mg/kg	1.53	0.854	0.331	2.39	1.76	0.013	9291911
Total (Wet Wt) Sulphur (S)	mg/kg	2140	2010	2430	2160	1610	50	9291911
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	9291911
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	9291911
Total (Wet Wt) Tin (Sn)	mg/kg	0.021	0.022	0.027	0.025	0.026	0.020	9291911

RDL = Reportable Detection Limit

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UR1875	UR1876	UR1877	UR1878	UR1879		
Sampling Date								
	UNITS	**KV-Sole-11**	**KV-Sole-12**	**KV-Sole-13**	**KV-Sole-14**	**KV-Sole-15**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	<0.13	0.15	<0.13	<0.13	0.13	9291911
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9291911
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00079	<0.00040	0.00040	9291911
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	9291911
Total (Wet Wt) Zinc (Zn)	mg/kg	3.68	3.14	2.96	3.24	4.46	0.20	9291911
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	9291911
RDL = Reportable Detection Limit								

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Client Project #: 123220082.843.203
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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UT7723		
Sampling Date				
	UNITS	KVS-C21 MEAT	RDL	QC Batch
Total Metals by ICPMS				
Total (Wet Wt) Aluminum (Al)	mg/kg	1.00	0.50	9293354
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0020	9293354
Total (Wet Wt) Arsenic (As)	mg/kg	3.67	0.0050	9293354
Total (Wet Wt) Barium (Ba)	mg/kg	0.024	0.010	9293354
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	0.0020	9293354
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0023	0.0013	9293354
Total (Wet Wt) Boron (B)	mg/kg	1.00	0.20	9293354
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0033	0.0013	9293354
Total (Wet Wt) Calcium (Ca)	mg/kg	1060	4.0	9293354
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	0.025	9293354
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0334	0.0013	9293354
Total (Wet Wt) Copper (Cu)	mg/kg	5.18	0.013	9293354
Total (Wet Wt) Iron (Fe)	mg/kg	4.05	0.25	9293354
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	0.010	9293354
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0013	9293354
Total (Wet Wt) Lithium (Li)	mg/kg	0.15	0.10	9293354
Total (Wet Wt) Magnesium (Mg)	mg/kg	361	0.40	9293354
Total (Wet Wt) Manganese (Mn)	mg/kg	0.131	0.010	9293354
Total (Wet Wt) Mercury (Hg)	mg/kg	0.061	0.013	9293354
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0105	0.0080	9293354
Total (Wet Wt) Nickel (Ni)	mg/kg	0.018	0.010	9293354
Total (Wet Wt) Phosphorus (P)	mg/kg	1430	2.0	9293354
Total (Wet Wt) Potassium (K)	mg/kg	2550	2.5	9293354
Total (Wet Wt) Selenium (Se)	mg/kg	0.378	0.010	9293354
Total (Wet Wt) Silicon (Si)	mg/kg	<50	50	9293354
Total (Wet Wt) Silver (Ag)	mg/kg	0.0289	0.0013	9293354
Total (Wet Wt) Sodium (Na)	mg/kg	4810	2.5	9293354
Total (Wet Wt) Strontium (Sr)	mg/kg	17.3	0.013	9293354
Total (Wet Wt) Sulphur (S)	mg/kg	2410	50	9293354
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	0.00040	9293354
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	0.0025	9293354
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.020	9293354
RDL = Reportable Detection Limit				

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Maxxam Job #: B873059
Report Date: 2019/02/11

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

Maxxam ID		UT7723		
Sampling Date				
	UNITS	**KVS-C21 MEAT**	**RDL**	**QC Batch**
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	0.13	9293354
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	0.0050	9293354
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00040	9293354
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.020	9293354
Total (Wet Wt) Zinc (Zn)	mg/kg	30.0	0.20	9293354
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	0.040	9293354
RDL = Reportable Detection Limit				

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE3829	UE3829		UE3830	UE3830		
Sampling Date								
	UNITS	LNGC-C01 MEAT	LNGC-C01 MEAT Lab-Dup	QC Batch	LNGC-C01 HEPATO	LNGC-C01 HEPATO Lab-Dup	RDL	QC Batch
Physical Properties								
Moisture	%	81	80	9285419	80	74	0.30	9284084

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UE3832		UE3833	UE3833		UE3835		
Sampling Date									
	UNITS	LNGC-C02 MEAT	QC Batch	LNGC-C02 HEPATO	LNGC-C02 HEPATO Lab-Dup	QC Batch	LNGC-C03 MEAT	RDL	QC Batch
Physical Properties									
Moisture	%	79	9285419	74	74	9294423	80	0.30	9285419

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UE3836	UE3836		UE3838	UE3841		
Sampling Date								
	UNITS	LNGC-C03 HEPATO	LNGC-C03 HEPATO Lab-Dup	QC Batch	LNGC-C04 MEAT	LNGC-C05 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	88	80	9293253	81	81	0.30	9285419

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UE3845		UE3847	UE3847		UE3848		
Sampling Date									
	UNITS	LNGC-C06 HEPATO	QC Batch	LNGC-C07 MEAT	LNGC-C07 MEAT Lab-Dup	QC Batch	LNGC-C07 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	84	9294423	83	83	9285441	85	0.30	9284084

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE3851		UE3853		UE3854		
Sampling Date								
	UNITS	LNGC-C08 HEPATO	QC Batch	LNGC-C09 MEAT	QC Batch	LNGC-C09 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	80	9294423	79	9285441	74	0.30	9284084
RDL = Reportable Detection Limit								

Maxxam ID		UE3857		UE3859		UE3860		
Sampling Date								
	UNITS	LNGC-C10 HEPATO	QC Batch	LNGC-C11 MEAT	QC Batch	LNGC-C11 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	89	9293253	80	9285441	80	0.30	9293253
RDL = Reportable Detection Limit								

Maxxam ID		UE3862		UE3863		UE3865		
Sampling Date								
	UNITS	LNGC-C12 MEAT	QC Batch	LNGC-C12 HEPATO	QC Batch	LNGC-C13 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	80	9285441	88	9293253	79	0.30	9285441
RDL = Reportable Detection Limit								

Maxxam ID		UE3866		UE3868		UE3869		
Sampling Date								
	UNITS	LNGC-C13 HEPATO	QC Batch	LNGC-C14 MEAT	QC Batch	LNGC-C14 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	82	9294423	81	9285441	87	0.30	9293253
RDL = Reportable Detection Limit								

Maxxam ID		UE3874		UE3875		UE3877		
Sampling Date								
	UNITS	LNGC-C16 MEAT	QC Batch	LNGC-C16 HEPATO	QC Batch	LNGC-C17 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	81	9285441	80	9284084	81	0.30	9285441
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE3878		UE3880		UE3881		
Sampling Date								
	UNITS	LNGC-C17 HEPATO	QC Batch	LNGC-C18 MEAT	QC Batch	LNGC-C18 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	64	9284084	80	9285441	80	0.30	9294423
RDL = Reportable Detection Limit								

Maxxam ID		UE3884	UE3884		UE3886		
Sampling Date							
	UNITS	LNGC-C19 HEPATO	LNGC-C19 HEPATO Lab-Dup	QC Batch	LNGC-C20 MEAT	RDL	QC Batch
Physical Properties							
Moisture	%	81	91	9284068	79	0.30	9285441
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate							

Maxxam ID		UE3887		UE3907	UE3907		
Sampling Date							
	UNITS	LNGC-C20 HEPATO	QC Batch	LNGC-C21 HEPATO	LNGC-C21 HEPATO Lab-Dup	RDL	QC Batch
Physical Properties							
Moisture	%	75	9293253	82	81	0.30	9294421
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate							

Maxxam ID		UE3908	UE3909		UE3911		
Sampling Date							
	UNITS	LNGC-C22 HEPATO	LNGC-C23 HEPATO	QC Batch	LNGC-C25 HEPATO	RDL	QC Batch
Physical Properties							
Moisture	%	82	86	9284068	83	0.30	9294421
RDL = Reportable Detection Limit							

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE3912	UE3913		UE3914	UE3915		
Sampling Date								
	UNITS	LNGC-C26 HEPATO	LNGC-C27 HEPATO	QC Batch	LNGC-C28 HEPATO	LNGC-C29 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	90	80	9293253	84	81	0.30	9294421
RDL = Reportable Detection Limit								

Maxxam ID		UE3916	UE3920		UE3921		
Sampling Date							
	UNITS	LNGC-C30 HEPATO	LNGC-C34 HEPATO	QC Batch	LNGC-C35 HEPATO	RDL	QC Batch
Physical Properties							
Moisture	%	83	92	9294421	86	0.30	9284068
RDL = Reportable Detection Limit							

Maxxam ID		UE3922		UE3923		UE3924		
Sampling Date								
	UNITS	LNGC-C36 HEPATO	QC Batch	LNGC-C37 HEPATO	QC Batch	LNGC-C38 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	78	9294421	81	9293253	83	0.30	9284068
RDL = Reportable Detection Limit								

Maxxam ID		UE3925	UE3926		UE3928		
Sampling Date							
	UNITS	LNGC-C39 HEPATO	LNGC-C40 HEPATO	QC Batch	LNGC-C42 HEPATO	RDL	QC Batch
Physical Properties							
Moisture	%	85	93	9284068	82	0.30	9293253
RDL = Reportable Detection Limit							

Maxxam ID		UE3931		UE3932		UE3936		
Sampling Date								
	UNITS	LNGC-C45 HEPATO	QC Batch	LNGC-C46 HEPATO	QC Batch	LNGC-C50 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	82	9294421	90	9293253	86	0.30	9284068
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE3939		UE3940		UE3941		
Sampling Date								
	UNITS	LNGC-C53 HEPATO	QC Batch	LNGC-C54 HEPATO	QC Batch	LNGC-C55 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	78	9294421	85	9293253	83	0.30	9293349
RDL = Reportable Detection Limit								

Maxxam ID		UE3942		UE3943	UE3943	UE3945		
Sampling Date								
	UNITS	LNGC-C56 HEPATO	QC Batch	LNGC-C57 HEPATO	LNGC-C57 HEPATO Lab-Dup	LNGC-C59 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	85	9284068	84	88	87	0.30	9293349
RDL = Reportable Detection Limit								
Lab-Dup = Laboratory Initiated Duplicate								

Maxxam ID		UE3946		UE7738		UE7739		
Sampling Date								
	UNITS	LNGC-C60 HEPATO	QC Batch	RT-C01 MEAT	QC Batch	RT-C01 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	84	9284068	79	9285441	86	0.30	9293349
RDL = Reportable Detection Limit								

Maxxam ID		UE7745		UE7747		UE7748		UE7753		
Sampling Date										
	UNITS	RT-C03 HEPATO	QC Batch	RT-C04 MEAT	QC Batch	RT-C04 HEPATO	QC Batch	RT-C06 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	86	9284068	78	9285441	80	9293349	80	0.30	9285441
RDL = Reportable Detection Limit										

Maxxam ID		UE7754		UE7756		UE7757		UE7759		
Sampling Date										
	UNITS	RT-C06 HEPATO	QC Batch	RT-C07 MEAT	QC Batch	RT-C07 HEPATO	QC Batch	RT-C08 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	81	9293349	80	9285441	84	9293349	82	0.30	9285441
RDL = Reportable Detection Limit										

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE7760		UE7762		UE7763		UE7765		
Sampling Date										
	UNITS	RT-C08 HEPATO	QC Batch	RT-C09 MEAT	QC Batch	RT-C09 HEPATO	QC Batch	RT-C10 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	84	9293349	80	9285441	91	9284068	80	0.30	9285441
RDL = Reportable Detection Limit										

Maxxam ID		UE7766		UE7768		UE7769		UE7771		
Sampling Date										
	UNITS	RT-C10 HEPATO	QC Batch	RT-C11 MEAT	QC Batch	RT-C11 HEPATO	QC Batch	RT-C12 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	85	9293349	85	9285441	89	9284068	79	0.30	9285441
RDL = Reportable Detection Limit										

Maxxam ID		UE7772		UE7774		UE7775		UE7780		
Sampling Date										
	UNITS	RT-C12 HEPATO	QC Batch	RT-C13 MEAT	QC Batch	RT-C13 HEPATO	QC Batch	RT-C15 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	84	9293349	80	9285441	84	9293349	78	0.30	9285466
RDL = Reportable Detection Limit										

Maxxam ID		UE7780		UE7781		UE7783		UE7784		
Sampling Date										
	UNITS	RT-C15 MEAT Lab-Dup	QC Batch	RT-C15 HEPATO	QC Batch	RT-C16 MEAT	QC Batch	RT-C16 HEPATO	RDL	QC Batch
Physical Properties										
Moisture	%	77	9285466	76	9293349	81	9285466	88	0.30	9293349
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate										

Maxxam ID		UE7786		UE7787		UE7790		UE7792		
Sampling Date										
	UNITS	RT-C17 MEAT	QC Batch	RT-C17 HEPATO	QC Batch	RT-C18 HEPATO	QC Batch	RT-C19 MEAT	RDL	QC Batch
Physical Properties										
Moisture	%	79	9285466	89	9293349	79	9284068	80	0.30	9285466
RDL = Reportable Detection Limit										

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE7793		UE7804		UE7805		
Sampling Date								
	UNITS	RT-C19 HEPATO	QC Batch	RT-C20 MEAT	QC Batch	RT-C20 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	83	9293349	86	9285466	87	0.30	9293349
RDL = Reportable Detection Limit								

Maxxam ID		UE7807		UE7808	UE7809		UE7810		
Sampling Date									
	UNITS	RT-C21 HEPATO	QC Batch	RT-C22 HEPATO	RT-C23 HEPATO	QC Batch	RT-C24 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	81	9284068	81	76	9293349	89	0.30	9284068
RDL = Reportable Detection Limit									

Maxxam ID		UE7811	UE7812	UE7813	UE7814		UE7815		
Sampling Date									
	UNITS	RT-C25 HEPATO	RT-C26 HEPATO	RT-C27 HEPATO	RT-C28 HEPATO	QC Batch	RT-C29 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	98	86	82	85	9284068	85	0.30	9284082
RDL = Reportable Detection Limit									

Maxxam ID		UE7815	UE7816	UE7817	UE7818	UE7819		
Sampling Date								
	UNITS	RT-C29 HEPATO Lab-Dup	RT-C30 HEPATO	RT-C31 HEPATO	RT-C32 HEPATO	RT-C33 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	84	90	83	83	80	0.30	9284082
RDL = Reportable Detection Limit								
Lab-Dup = Laboratory Initiated Duplicate								

Maxxam ID		UE7820	UE7821	UE7822	UE7823	UE7824		
Sampling Date								
	UNITS	RT-C34 HEPATO	RT-C35 HEPATO	RT-C36 HEPATO	RT-C37 HEPATO	RT-C38 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	86	82	82	82	80	0.30	9294421
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UE7825	UE7826	UE7827	UE7828	UE7829		
Sampling Date								
	UNITS	RT-C39 HEPATO	RT-C40 HEPATO	RT-C41 HEPATO	RT-C42 HEPATO	RT-C43 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	76	87	82	85	70	0.30	9294421
RDL = Reportable Detection Limit								

Maxxam ID		UE7830		UE7831	UE7831	UE7832	UE7834		
Sampling Date									
	UNITS	RT-C44 HEPATO	QC Batch	RT-C45 HEPATO	RT-C45 HEPATO Lab-Dup	RT-C46 HEPATO	RT-C48 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	81	9294421	78	77	79	83	0.30	9293229
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate									

Maxxam ID		UE7835		UF5728	UF5728	UF5729	UF5730		
Sampling Date									
	UNITS	RT-C49 HEPATO	QC Batch	RT-CLAMS C01	RT-CLAMS C01 Lab-Dup	RT-CLAMS C02	RT-CLAMS C03	RDL	QC Batch
Physical Properties									
Moisture	%	81	9293229	85	85	84	84	0.30	9284050
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate									

Maxxam ID		UF5731	UF5732	UF5733	UF5734	UF5735	UF5736		
Sampling Date									
	UNITS	RT-CLAMS C04	RT-CLAMS C05	RT-CLAMS C06	RT-CLAMS C07	RT-CLAMS C08	RT-CLAMS C09	RDL	QC Batch
Physical Properties									
Moisture	%	85	82	85	84	84	85	0.30	9284050
RDL = Reportable Detection Limit									

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UF5737	UF5738	UF5739	UF5740	UF5741	UF5742		
Sampling Date									
	UNITS	RT-CLAMS C10	RT-CLAMS C11	RT-CLAMS C12	RT-CLAMS C13	RT-CLAMS C14	RT-CLAMS C15	RDL	QC Batch
Physical Properties									
Moisture	%	83	85	83	84	84	86	0.30	9284050
RDL = Reportable Detection Limit									

Maxxam ID		UF9196		UF9197		UF9199		
Sampling Date								
	UNITS	KILD-C01 MEAT	QC Batch	KILD-C01 HEPATO	QC Batch	KILD-C02 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	82	9285599	81	9293349	82	0.30	9285599
RDL = Reportable Detection Limit								

Maxxam ID		UF9200		UF9202	UF9205		UF9206		
Sampling Date									
	UNITS	KILD-C02 HEPATO	QC Batch	KILD-C03 MEAT	KILD-C04 MEAT	QC Batch	KILD-C04 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	70	9293349	88	82	9285599	85	0.30	9284082
RDL = Reportable Detection Limit									

Maxxam ID		UF9208		UF9209		UF9211		
Sampling Date								
	UNITS	KILD-C05 MEAT	QC Batch	KILD-C05 HEPATO	QC Batch	KILD-C06 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	80	9285599	67	9296361	87	0.30	9285599
RDL = Reportable Detection Limit								

Maxxam ID		UF9215		UF9217		UF9218		
Sampling Date								
	UNITS	KILD-C07 HEPATO	QC Batch	KILD-C08 MEAT	QC Batch	KILD-C08 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	68	9293229	80	9285599	82	0.30	9293229
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UF9220		UF9221		UF9223		
Sampling Date								
	UNITS	KILD-C09 MEAT	QC Batch	KILD-C09 HEPATO	QC Batch	KILD-C10 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	81	9285599	80	9293229	83	0.30	9285599
RDL = Reportable Detection Limit								

Maxxam ID		UF9224		UF9226		UF9227		
Sampling Date								
	UNITS	KILD-C10 HEPATO	QC Batch	KILD-C11 MEAT	QC Batch	KILD-C11 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	85	9293229	81	9285599	75	0.30	9284082
RDL = Reportable Detection Limit								

Maxxam ID		UF9229	UF9232		UF9233		UF9235		
Sampling Date									
	UNITS	KILD-C12 MEAT	KILD-C13 MEAT	QC Batch	KILD-C13 HEPATO	QC Batch	KILD-C14 MEAT	RDL	QC Batch
Physical Properties									
Moisture	%	75	91	9285599	88	9293229	81	0.30	9285599
RDL = Reportable Detection Limit									

Maxxam ID		UF9238		UF9239		UF9241		
Sampling Date								
	UNITS	KILD-C15 MEAT	QC Batch	KILD-C15 HEPATO	QC Batch	KILD-C16 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	83	9285599	94	9284082	83	0.30	9285599
RDL = Reportable Detection Limit								

Maxxam ID		UF9242	UF9245		UF9248	UF9248		
Sampling Date								
	UNITS	KILD-C16 HEPATO	KILD-C17 HEPATO	QC Batch	KILD-C18 HEPATO	KILD-C18 HEPATO Lab-Dup	RDL	QC Batch
Physical Properties								
Moisture	%	89	78	9284082	82	83	0.30	9296361
RDL = Reportable Detection Limit								
Lab-Dup = Laboratory Initiated Duplicate								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UF9251		UF9254	UF9256		UF9260		
Sampling Date									
	UNITS	KILD-C19 HEPATO	QC Batch	KILD-C20 HEPATO	KILD-C21 HEPATO	QC Batch	KILD-C25 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	77	9296361	84	91	9284082	89	0.30	9296361
RDL = Reportable Detection Limit									

Maxxam ID		UF9261		UF9263	UF9264		UF9265		
Sampling Date									
	UNITS	KILD-C26 HEPATO	QC Batch	KILD-C28 HEPATO	KILD-C29 HEPATO	QC Batch	KILD-C30 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	83	9293229	87	79	9284082	90	0.30	9293229
RDL = Reportable Detection Limit									

Maxxam ID		UF9267		UF9268		UF9269		
Sampling Date								
	UNITS	KILD-C32 HEPATO	QC Batch	KILD-C33 HEPATO	QC Batch	KILD-C34 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	84	9293229	85	9284082	84	0.30	9296361
RDL = Reportable Detection Limit								

Maxxam ID		UF9270		UF9271		UF9272	UF9273		
Sampling Date									
	UNITS	KILD-C35 HEPATO	QC Batch	KILD-C36 HEPATO	QC Batch	KILD-C37 HEPATO	KILD-C38 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	86	9293229	88	9284082	74	82	0.30	9296361
RDL = Reportable Detection Limit									

Maxxam ID		UF9274		UF9275		UF9276	UF9277		
Sampling Date									
	UNITS	KILD-C39 HEPATO	QC Batch	KILD-C40 HEPATO	QC Batch	KILD-C41 HEPATO	KILD-C42 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	74	9296361	97	9284082	85	82	0.30	9296361
RDL = Reportable Detection Limit									

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UF9278		UF9279	UF9280	UF9281		
Sampling Date								
	UNITS	KILD-C43 HEPATO	QC Batch	KILD-C44 HEPATO	KILD-C45 HEPATO	KILD-C46 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	73	9296361	81	72	86	0.30	9293229
RDL = Reportable Detection Limit								

Maxxam ID		UF9282		UF9283	UF9284	UF9285		
Sampling Date								
	UNITS	KILD-C47 HEPATO	QC Batch	KILD-C48 HEPATO	KILD-C49 HEPATO	KILD-C50 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	86	9293229	82	86	89	0.30	9284082
RDL = Reportable Detection Limit								

Maxxam ID		UF9286		UF9287		UF9288		
Sampling Date								
	UNITS	KILD-C51 HEPATO	QC Batch	KILD-C52 HEPATO	QC Batch	KILD-C53 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	84	9296361	74	9293229	77	0.30	9296361
RDL = Reportable Detection Limit								

Maxxam ID		UF9289		UG7163		UG7164		
Sampling Date								
	UNITS	KILD-C54 HEPATO	QC Batch	KVS-C01 MEAT	QC Batch	KVS-C01 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	76	9293229	88	9285466	83	0.30	9293229
RDL = Reportable Detection Limit								

Maxxam ID		UG7166		UG7167		UG7169		
Sampling Date								
	UNITS	KVS-C02 MEAT	QC Batch	KVS-C02 HEPATO	QC Batch	KVS-C03 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	80	9285466	84	9294423	79	0.30	9285466
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UG7170		UG7172		UG7173	UG7173		
Sampling Date									
	UNITS	KVS-C03 HEPATO	QC Batch	KVS-C04 MEAT	QC Batch	KVS-C04 HEPATO	KVS-C04 HEPATO Lab-Dup	RDL	QC Batch
Physical Properties									
Moisture	%	82	9296361	79	9285466	83	89	0.30	9293244

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UG7175		UG7176		UG7178		
Sampling Date								
	UNITS	KVS-C05 MEAT	QC Batch	KVS-C05 HEPATO	QC Batch	KVS-C06 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	87	9285466	89	9294423	85	0.30	9285466

RDL = Reportable Detection Limit

Maxxam ID		UG7179		UG7181		UG7182		
Sampling Date								
	UNITS	KVS-C06 HEPATO	QC Batch	KVS-C07 MEAT	QC Batch	KVS-C07 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	81	9294423	83	9285466	89	0.30	9294423

RDL = Reportable Detection Limit

Maxxam ID		UG7184		UG7185		UG7187		
Sampling Date								
	UNITS	KVS-C08 MEAT	QC Batch	KVS-C08 HEPATO	QC Batch	KVS-C09 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	82	9285466	92	9293244	78	0.30	9285466

RDL = Reportable Detection Limit

Maxxam ID		UG7188		UG7190		UG7191		
Sampling Date								
	UNITS	KVS-C09 HEPATO	QC Batch	KVS-C10 MEAT	QC Batch	KVS-C10 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	81	9294423	80	9285466	87	0.30	9294423

RDL = Reportable Detection Limit

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UG7193		UG7194		UG7196		
Sampling Date								
	UNITS	KVS-C11 MEAT	QC Batch	KVS-C11 HEPATO	QC Batch	KVS-C12 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	79	9285466	81	9296361	79	0.30	9285466
RDL = Reportable Detection Limit								

Maxxam ID		UG7197		UG7200		UG7202		
Sampling Date								
	UNITS	KVS-C12 HEPATO	QC Batch	KVS-C13 HEPATO	QC Batch	KVS-C14 MEAT	RDL	QC Batch
Physical Properties								
Moisture	%	85	9293253	82	9294423	78	0.30	9285466
RDL = Reportable Detection Limit								

Maxxam ID		UG7203		UG7206	UG7209		UG7211		
Sampling Date									
	UNITS	KVS-C14 HEPATO	QC Batch	KVS-C15 HEPATO	KVS-C16 HEPATO	QC Batch	KVS-C17 MEAT	RDL	QC Batch
Physical Properties									
Moisture	%	85	9293244	82	76	9294423	80	0.30	9285466
RDL = Reportable Detection Limit									

Maxxam ID		UG7212		UG7215	UG7218		UG7221		
Sampling Date									
	UNITS	KVS-C17 HEPATO	QC Batch	KVS-C18 HEPATO	KVS-C19 HEPATO	QC Batch	KVS-C20 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	84	9296361	91	82	9293253	95	0.30	9294423
RDL = Reportable Detection Limit									

Maxxam ID		UK8427	UK8428	UK8429	UK8430	UK8431		
Sampling Date								
	UNITS	KILD-CLAMS 01	KILD-CLAMS 02	KILD-CLAMS 03	KILD-CLAMS 04	KILD-CLAMS 05	RDL	QC Batch
Physical Properties								
Moisture	%	80	80	81	81	80	0.30	9285602
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UK8432	UK8432	UK8433	UK8434	UK8435		
Sampling Date								
	UNITS	KILD-CLAMS 06	KILD-CLAMS 06 Lab-Dup	KILD-CLAMS 07	KILD-CLAMS 08	KILD-CLAMS 09	RDL	QC Batch
Physical Properties								
Moisture	%	82	81	80	80	81	0.30	9285602

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UK8436	UK8437	UK8438	UK8439	UK8440		
Sampling Date								
	UNITS	KILD-CLAMS 10	KILD-CLAMS 11	KILD-CLAMS 12	KILD-CLAMS 13	KILD-CLAMS 14	RDL	QC Batch
Physical Properties								
Moisture	%	80	82	82	80	80	0.30	9285602

RDL = Reportable Detection Limit

Maxxam ID		UK8441		UK8491		UK8492		
Sampling Date								
	UNITS	KILD-CLAMS 15	QC Batch	KVS-C21 HEPATO	QC Batch	KVS-C22 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	80	9285602	87	9293244	92	0.30	9294423

RDL = Reportable Detection Limit

Maxxam ID		UK8493		UK8494		UK8495		
Sampling Date								
	UNITS	KVS-C23 HEPATO	QC Batch	KVS-C24 HEPATO	QC Batch	KVS-C25 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	81	9296361	92	9294423	87	0.30	9296361

RDL = Reportable Detection Limit

Maxxam ID		UK8496		UK8497		UK8498		
Sampling Date								
	UNITS	KVS-C26 HEPATO	QC Batch	KVS-C27 HEPATO	QC Batch	KVS-C28 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	88	9294423	85	9296361	83	0.30	9293253

RDL = Reportable Detection Limit

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UK8499		UK8500		UK8501		
Sampling Date								
	UNITS	KVS-C29 HEPATO	QC Batch	KVS-C30 HEPATO	QC Batch	KVS-C31 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	77	9293244	89	9294423	82	0.30	9296361
RDL = Reportable Detection Limit								

Maxxam ID		UK8502		UK8503		UK8504		
Sampling Date								
	UNITS	KVS-C32 HEPATO	QC Batch	KVS-C33 HEPATO	QC Batch	KVS-C34 HEPATO	RDL	QC Batch
Physical Properties								
Moisture	%	88	9293253	93	9294423	78	0.30	9293253
RDL = Reportable Detection Limit								

Maxxam ID		UK8505	UK8506		UK8507		UK8508		
Sampling Date									
	UNITS	KVS-C35 HEPATO	KVS-C36 HEPATO	QC Batch	KVS-C37 HEPATO	QC Batch	KVS-C38 HEPATO	RDL	QC Batch
Physical Properties									
Moisture	%	90	88	9293244	87	9293253	90	0.30	9293244
RDL = Reportable Detection Limit									

Maxxam ID		UR1835	UR1836	UR1837	UR1838	UR1839		
Sampling Date								
	UNITS	Harbour-Sole-01	Harbour-Sole-02	Harbour-Sole-03	Harbour-Sole-04	Harbour-Sole-05	RDL	QC Batch
Physical Properties								
Moisture	%	83	83	81	82	82	0.30	9284007
RDL = Reportable Detection Limit								

Maxxam ID		UR1840	UR1841	UR1842	UR1843	UR1844		
Sampling Date								
	UNITS	Harbour-Sole-06	Harbour-Sole-07	Harbour-Sole-08	Harbour-Sole-09	Harbour-Sole-10	RDL	QC Batch
Physical Properties								
Moisture	%	82	83	83	81	83	0.30	9284007
RDL = Reportable Detection Limit								

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UR1845	UR1845	UR1846	UR1847	UR1848		
Sampling Date								
	UNITS	Harbour-Sole-11	Harbour-Sole-11 Lab-Dup	Harbour-Sole-12	Harbour-Sole-13	Harbour-Sole-14	RDL	QC Batch
Physical Properties								
Moisture	%	82	82	82	82	82	0.30	9284007

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UR1849		UR1850	UR1851	UR1851	UR1852		
Sampling Date									
	UNITS	Harbour-Sole-15	QC Batch	KArm-Sole-01	KArm-Sole-02	KArm-Sole-02 Lab-Dup	KArm-Sole-03	RDL	QC Batch
Physical Properties									
Moisture	%	82	9284007	80	82	81	84	0.30	9284014

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UR1853	UR1854	UR1855	UR1856	UR1857	UR1858		
Sampling Date									
	UNITS	KArm-Sole-04	KArm-Sole-05	KArm-Sole-06	KArm-Sole-07	KArm-Sole-08	KArm-Sole-09	RDL	QC Batch
Physical Properties									
Moisture	%	81	82	82	84	82	83	0.30	9284014

RDL = Reportable Detection Limit

Maxxam ID		UR1859	UR1860	UR1861	UR1862	UR1863	UR1864		
Sampling Date									
	UNITS	KArm-Sole-10	KArm-Sole-11	KArm-Sole-12	KArm-Sole-13	KArm-Sole-14	KArm-Sole-15	RDL	QC Batch
Physical Properties									
Moisture	%	83	81	82	86	83	82	0.30	9284014

RDL = Reportable Detection Limit

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PHYSICAL TESTING (TISSUE)

Maxxam ID		UR1865	UR1866	UR1866	UR1867	UR1868	UR1869	UR1870		
Sampling Date										
	UNITS	KV-Sole-01	KV-Sole-02	KV-Sole-02 Lab-Dup	KV-Sole-03	KV-Sole-04	KV-Sole-05	KV-Sole-06	RDL	QC Batch
Physical Properties										
Moisture	%	84	89	80	88	85	84	82	0.30	9284041

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Maxxam ID		UR1871	UR1872	UR1873	UR1874	UR1875	UR1876	UR1877		
Sampling Date										
	UNITS	KV-Sole-07	KV-Sole-08	KV-Sole-09	KV-Sole-10	KV-Sole-11	KV-Sole-12	KV-Sole-13	RDL	QC Batch
Physical Properties										
Moisture	%	81	83	84	82	84	85	82	0.30	9284041

RDL = Reportable Detection Limit

Maxxam ID		UR1878	UR1879		UT7168		UT7723		
Sampling Date									
	UNITS	KV-Sole-14	KV-Sole-15	QC Batch	LNGC-C61 HEPATO	QC Batch	KVS-C21 MEAT	RDL	QC Batch
Physical Properties									
Moisture	%	86	91	9284041	85	9293253	84	0.30	9285466

RDL = Reportable Detection Limit

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GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Analytics Partnership Laboratories

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QUALITY ASSURANCE REPORT

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9284007	Moisture	2019/01/09	83	N/A					0.61	20		
9284014	Moisture	2019/01/14	80	N/A					1.1	20		
9284041	Moisture		TBA	N/A					9.7	20		
9284050	Moisture	2019/01/14	85	N/A					0.24	20		
9284068	Moisture	2019/01/09	81	N/A					11	20		
9284082	Moisture	2019/01/08	84	N/A					1.1	20		
9284084	Moisture	2019/01/14	74	N/A					8.2	20		
9285153	Total (Wet Wt) Aluminum (Al)	2019/02/01			103	80 - 120	<0.50	mg/kg	3.8	40		
9285153	Total (Wet Wt) Antimony (Sb)	2019/02/01			102	80 - 120	<0.0020	mg/kg	4.3	40	70 (1)	N/A
9285153	Total (Wet Wt) Arsenic (As)	2019/02/01			102	80 - 120	<0.0050	mg/kg	2.4	40	89	N/A
9285153	Total (Wet Wt) Barium (Ba)	2019/02/01			104	80 - 120	<0.010	mg/kg	0.65	40		
9285153	Total (Wet Wt) Beryllium (Be)	2019/02/01			90	80 - 120	<0.0020	mg/kg	NC	40		
9285153	Total (Wet Wt) Bismuth (Bi)	2019/02/01			104	80 - 120	<0.0013	mg/kg	4.0	40		
9285153	Total (Wet Wt) Boron (B)	2019/02/01			96	80 - 120	<0.20	mg/kg	4.3	40		
9285153	Total (Wet Wt) Cadmium (Cd)	2019/02/01			98	80 - 120	<0.0013	mg/kg	1.4	40	89	N/A
9285153	Total (Wet Wt) Calcium (Ca)	2019/02/01			99	80 - 120	<4.0	mg/kg	2.4	60	99	N/A
9285153	Total (Wet Wt) Chromium (Cr)	2019/02/01			106	80 - 120	<0.025	mg/kg	0.37	40		
9285153	Total (Wet Wt) Cobalt (Co)	2019/02/01			105	80 - 120	<0.0013	mg/kg	4.0	40	87	N/A
9285153	Total (Wet Wt) Copper (Cu)	2019/02/01			104	80 - 120	<0.013	mg/kg	2.2	40	92	N/A
9285153	Total (Wet Wt) Iron (Fe)	2019/02/01			108	80 - 120	<0.25	mg/kg	4.6	40	93	N/A
9285153	Total (Wet Wt) Lanthanum (La)	2019/02/01			103	80 - 120	<0.010	mg/kg	0.091	40		
9285153	Total (Wet Wt) Lead (Pb)	2019/02/01			105	80 - 120	<0.0013	mg/kg	5.7	40	83	N/A
9285153	Total (Wet Wt) Lithium (Li)	2019/02/01			91	80 - 120	<0.10	mg/kg	9.2	40		
9285153	Total (Wet Wt) Magnesium (Mg)	2019/02/01			105	80 - 120	<0.40	mg/kg	3.0	40		
9285153	Total (Wet Wt) Manganese (Mn)	2019/02/01			104	80 - 120	<0.010	mg/kg	0.96	40	93	N/A
9285153	Total (Wet Wt) Mercury (Hg)	2019/02/01			104	80 - 120	<0.013	mg/kg	1.4	40	83	N/A
9285153	Total (Wet Wt) Molybdenum (Mo)	2019/02/01			101	80 - 120	<0.0080	mg/kg	1.8	40	91	N/A
9285153	Total (Wet Wt) Nickel (Ni)	2019/02/01			105	80 - 120	<0.010	mg/kg	3.3	40		
9285153	Total (Wet Wt) Phosphorus (P)	2019/02/01			100	80 - 120	<2.0	mg/kg	1.4	40	92	N/A
9285153	Total (Wet Wt) Potassium (K)	2019/02/01			104	80 - 120	<2.5	mg/kg	3.5	40	97	N/A
9285153	Total (Wet Wt) Selenium (Se)	2019/02/01			99	80 - 120	<0.010	mg/kg	1.1	40	88	N/A
9285153	Total (Wet Wt) Silicon (Si)	2019/02/01			93	80 - 120	<50	mg/kg	NC	40		

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QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9285153	Total (Wet Wt) Silver (Ag)	2019/02/01			87	80 - 120	<0.0013	mg/kg	2.9	40	87	N/A
9285153	Total (Wet Wt) Sodium (Na)	2019/02/01			109	80 - 120	<2.5	mg/kg	3.1	40	99	N/A
9285153	Total (Wet Wt) Strontium (Sr)	2019/02/01			97	80 - 120	<0.013	mg/kg	4.8	60	105	N/A
9285153	Total (Wet Wt) Sulphur (S)	2019/02/01			99	80 - 120	<50	mg/kg	2.2	40		
9285153	Total (Wet Wt) Thallium (Tl)	2019/02/01			105	80 - 120	<0.00040	mg/kg	3.9	40	126 (2)	N/A
9285153	Total (Wet Wt) Thorium (Th)	2019/02/01			100	80 - 120	<0.0025	mg/kg	NC	40		
9285153	Total (Wet Wt) Tin (Sn)	2019/02/01			101	80 - 120	<0.020	mg/kg	29	40	123	N/A
9285153	Total (Wet Wt) Titanium (Ti)	2019/02/01			104	80 - 120	<0.13	mg/kg	19	40		
9285153	Total (Wet Wt) Tungsten (W)	2019/02/01			97	80 - 120	<0.0050	mg/kg	7.3	40		
9285153	Total (Wet Wt) Uranium (U)	2019/02/01			108	80 - 120	<0.00040	mg/kg	3.2	40	97	N/A
9285153	Total (Wet Wt) Vanadium (V)	2019/02/01			106	80 - 120	<0.020	mg/kg	5.3	40	87	N/A
9285153	Total (Wet Wt) Zinc (Zn)	2019/02/01			100	80 - 120	0.38, RDL=0.20	mg/kg	1.4	40	92	N/A
9285153	Total (Wet Wt) Zirconium (Zr)	2019/02/01			96	80 - 120	<0.040	mg/kg	NC	40		
9285419	Moisture	2019/01/14	80	N/A					0.87	20		
9285441	Moisture	2019/01/14	82	N/A					0.36	20		
9285466	Moisture	2019/01/14	77	N/A					0.78	20		
9285602	Moisture	2019/01/10	78	N/A					1.4	20		
9286270	Total (Wet Wt) Aluminum (Al)	2019/01/31			105	80 - 120	<0.50	mg/kg	NC	40	100	N/A
9286270	Total (Wet Wt) Antimony (Sb)	2019/01/31			102	80 - 120	<0.0020	mg/kg	NC	40		
9286270	Total (Wet Wt) Arsenic (As)	2019/01/31			101	80 - 120	<0.0050	mg/kg	1.6	40	92	N/A
9286270	Total (Wet Wt) Barium (Ba)	2019/01/31			102	80 - 120	<0.010	mg/kg	NC	40		
9286270	Total (Wet Wt) Beryllium (Be)	2019/01/31			97	80 - 120	<0.0020	mg/kg	NC	40		
9286270	Total (Wet Wt) Bismuth (Bi)	2019/01/31			102	80 - 120	<0.0013	mg/kg	0	40		
9286270	Total (Wet Wt) Boron (B)	2019/01/31			98	80 - 120	<0.20	mg/kg	NC	40		
9286270	Total (Wet Wt) Cadmium (Cd)	2019/01/31			97	80 - 120	<0.0013	mg/kg	NC	40	92	N/A
9286270	Total (Wet Wt) Calcium (Ca)	2019/01/31			102	80 - 120	<4.0	mg/kg	127 (3)	60		
9286270	Total (Wet Wt) Chromium (Cr)	2019/01/31			102	80 - 120	<0.025	mg/kg	NC	40	78	N/A
9286270	Total (Wet Wt) Cobalt (Co)	2019/01/31			99	80 - 120	<0.0013	mg/kg	8.8	40	92	N/A
9286270	Total (Wet Wt) Copper (Cu)	2019/01/31			99	80 - 120	<0.013	mg/kg	14	40	91	N/A
9286270	Total (Wet Wt) Iron (Fe)	2019/01/31			107	80 - 120	<0.25	mg/kg	6.6	40	90	N/A
9286270	Total (Wet Wt) Lanthanum (La)	2019/01/31			104	80 - 120	<0.010	mg/kg	NC	40		
9286270	Total (Wet Wt) Lead (Pb)	2019/01/31			102	80 - 120	<0.0013	mg/kg	5.4	40	60	N/A

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9286270	Total (Wet Wt) Lithium (Li)	2019/01/31			102	80 - 120	<0.10	mg/kg	NC	40	83	N/A
9286270	Total (Wet Wt) Magnesium (Mg)	2019/01/31			103	80 - 120	<0.40	mg/kg	8.0	40		
9286270	Total (Wet Wt) Manganese (Mn)	2019/01/31			102	80 - 120	<0.010	mg/kg	62 (3)	40		
9286270	Total (Wet Wt) Mercury (Hg)	2019/01/31			105	80 - 120	<0.013	mg/kg	1.0	40	105	N/A
9286270	Total (Wet Wt) Molybdenum (Mo)	2019/01/31			100	80 - 120	<0.0080	mg/kg	NC	40	91	N/A
9286270	Total (Wet Wt) Nickel (Ni)	2019/01/31			100	80 - 120	<0.010	mg/kg	13	40	83	N/A
9286270	Total (Wet Wt) Phosphorus (P)	2019/01/31			101	80 - 120	<2.0	mg/kg	23	40	89	N/A
9286270	Total (Wet Wt) Potassium (K)	2019/01/31			104	80 - 120	<2.5	mg/kg	0.13	40		
9286270	Total (Wet Wt) Selenium (Se)	2019/01/31			98	80 - 120	<0.010	mg/kg	4.1	40	94	N/A
9286270	Total (Wet Wt) Silicon (Si)	2019/01/31			108	80 - 120	<50	mg/kg	NC	40		
9286270	Total (Wet Wt) Silver (Ag)	2019/01/31			87	80 - 120	<0.0013	mg/kg	NC	40		
9286270	Total (Wet Wt) Sodium (Na)	2019/01/31			105	80 - 120	<2.5	mg/kg	2.8	40	94	N/A
9286270	Total (Wet Wt) Strontium (Sr)	2019/01/31			101	80 - 120	<0.013	mg/kg	123 (3)	60		
9286270	Total (Wet Wt) Sulphur (S)	2019/01/31			102	80 - 120	<50	mg/kg	0.30	40		
9286270	Total (Wet Wt) Thallium (Tl)	2019/01/31			104	80 - 120	<0.00040	mg/kg	NC	40		
9286270	Total (Wet Wt) Thorium (Th)	2019/01/31			96	80 - 120	<0.0025	mg/kg	NC	40		
9286270	Total (Wet Wt) Tin (Sn)	2019/01/31			102	80 - 120	<0.020	mg/kg	19	40	99	N/A
9286270	Total (Wet Wt) Titanium (Ti)	2019/01/31			99	80 - 120	<0.13	mg/kg	NC	40		
9286270	Total (Wet Wt) Tungsten (W)	2019/01/31			102	80 - 120	<0.0050	mg/kg	NC	40		
9286270	Total (Wet Wt) Uranium (U)	2019/01/31			103	80 - 120	<0.00040	mg/kg	NC	40	96	N/A
9286270	Total (Wet Wt) Vanadium (V)	2019/01/31			101	80 - 120	<0.020	mg/kg	NC	40		
9286270	Total (Wet Wt) Zinc (Zn)	2019/01/31			97	80 - 120	<0.20	mg/kg	10	40	90	N/A
9286270	Total (Wet Wt) Zirconium (Zr)	2019/01/31			99	80 - 120	<0.040	mg/kg	NC	40		
9286278	Total (Wet Wt) Aluminum (Al)	2019/02/03			102	80 - 120	<0.50	mg/kg	9.5	40	100	75 - 125
9286278	Total (Wet Wt) Antimony (Sb)	2019/02/03			101	80 - 120	<0.0020	mg/kg	5.8	40	70	N/A
9286278	Total (Wet Wt) Arsenic (As)	2019/02/03			100	80 - 120	0.0077, RDL=0.0050 (6)	mg/kg	14	40	89	75 - 125
9286278	Total (Wet Wt) Barium (Ba)	2019/02/03			103	80 - 120	<0.010	mg/kg	13	40		
9286278	Total (Wet Wt) Beryllium (Be)	2019/02/03			100	80 - 120	<0.0020	mg/kg	NC	40		
9286278	Total (Wet Wt) Bismuth (Bi)	2019/02/03			101	80 - 120	<0.0013	mg/kg	34	40		
9286278	Total (Wet Wt) Boron (B)	2019/02/03			99	80 - 120	<0.20	mg/kg	12	40		
9286278	Total (Wet Wt) Cadmium (Cd)	2019/02/03			99	80 - 120	<0.0013	mg/kg	11	40	96	75 - 125

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9286278	Total (Wet Wt) Calcium (Ca)	2019/02/03			104	80 - 120	<4.0	mg/kg	16	60	430	N/A
9286278	Total (Wet Wt) Chromium (Cr)	2019/02/03			96	80 - 120	<0.025	mg/kg	NC	40	77	75 - 125
9286278	Total (Wet Wt) Cobalt (Co)	2019/02/03			97	80 - 120	<0.0013	mg/kg	13	40	91	75 - 125
9286278	Total (Wet Wt) Copper (Cu)	2019/02/03			95	80 - 120	<0.013	mg/kg	14	40	86	75 - 125
9286278	Total (Wet Wt) Iron (Fe)	2019/02/03			113	80 - 120	<0.25	mg/kg	11	40	99	75 - 125
9286278	Total (Wet Wt) Lanthanum (La)	2019/02/03			98	80 - 120	<0.010	mg/kg	NC	40		
9286278	Total (Wet Wt) Lead (Pb)	2019/02/03			100	80 - 120	<0.0013	mg/kg	2.4	40	61 (4)	75 - 125
9286278	Total (Wet Wt) Lithium (Li)	2019/02/03			107	80 - 120	<0.10	mg/kg	12	40	98	75 - 125
9286278	Total (Wet Wt) Magnesium (Mg)	2019/02/03			100	80 - 120	<0.40	mg/kg	15	40		
9286278	Total (Wet Wt) Manganese (Mn)	2019/02/03			101	80 - 120	<0.010	mg/kg	19	40	33	N/A
9286278	Total (Wet Wt) Mercury (Hg)	2019/02/03			100	80 - 120	<0.013	mg/kg	14	40	90	75 - 125
9286278	Total (Wet Wt) Molybdenum (Mo)	2019/02/03			102	80 - 120	<0.0080	mg/kg	10	40	91	75 - 125
9286278	Total (Wet Wt) Nickel (Ni)	2019/02/03			96	80 - 120	<0.010	mg/kg	13	40	79	75 - 125
9286278	Total (Wet Wt) Phosphorus (P)	2019/02/03			102	80 - 120	<2.0	mg/kg	16	40	90	75 - 125
9286278	Total (Wet Wt) Potassium (K)	2019/02/03			103	80 - 120	<2.5	mg/kg	14	40	85	N/A
9286278	Total (Wet Wt) Selenium (Se)	2019/02/03			99	80 - 120	<0.010	mg/kg	12	40	95	75 - 125
9286278	Total (Wet Wt) Silicon (Si)	2019/02/03			117	80 - 120	<50	mg/kg	NC	40		
9286278	Total (Wet Wt) Silver (Ag)	2019/02/03			79 (5)	80 - 120	<0.0013	mg/kg	8.5	40	0.61	N/A
9286278	Total (Wet Wt) Sodium (Na)	2019/02/03			99	80 - 120	<2.5	mg/kg	14	40	89	75 - 125
9286278	Total (Wet Wt) Strontium (Sr)	2019/02/03			105	80 - 120	<0.013	mg/kg	21	60	274	N/A
9286278	Total (Wet Wt) Sulphur (S)	2019/02/03			105	80 - 120	<50	mg/kg	16	40		
9286278	Total (Wet Wt) Thallium (Tl)	2019/02/03			98	80 - 120	<0.00040	mg/kg	15	40	95	N/A
9286278	Total (Wet Wt) Thorium (Th)	2019/02/03			95	80 - 120	<0.0025	mg/kg	NC	40		
9286278	Total (Wet Wt) Tin (Sn)	2019/02/03			102	80 - 120	<0.020	mg/kg	13	40	115	75 - 125
9286278	Total (Wet Wt) Titanium (Ti)	2019/02/03			96	80 - 120	<0.13	mg/kg	0.70	40		
9286278	Total (Wet Wt) Tungsten (W)	2019/02/03			103	80 - 120	<0.0050	mg/kg	7.1	40		
9286278	Total (Wet Wt) Uranium (U)	2019/02/03			102	80 - 120	<0.00040	mg/kg	13	40	110	75 - 125
9286278	Total (Wet Wt) Vanadium (V)	2019/02/03			96	80 - 120	<0.020	mg/kg	13	40	280	N/A
9286278	Total (Wet Wt) Zinc (Zn)	2019/02/03			97	80 - 120	<0.20	mg/kg	16	40	89	75 - 125
9286278	Total (Wet Wt) Zirconium (Zr)	2019/02/03			95	80 - 120	<0.040	mg/kg	NC	40		
9287563	Total (Wet Wt) Aluminum (Al)	2019/02/01			100	80 - 120	<0.50	mg/kg	4.6	40	101	N/A
9287563	Total (Wet Wt) Antimony (Sb)	2019/02/01			101	80 - 120	<0.0020	mg/kg	0	40		

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Maxxam Analytics International Corporation o/a Maxxam Analytics

Maxxam Job #: B873059
Report Date: 2019/02/11

QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9287563	Total (Wet Wt) Arsenic (As)	2019/02/01			100	80 - 120	<0.0050	mg/kg	1.3	40	92	N/A
9287563	Total (Wet Wt) Barium (Ba)	2019/02/01			101	80 - 120	<0.010	mg/kg	4.6	40		
9287563	Total (Wet Wt) Beryllium (Be)	2019/02/01			89	80 - 120	<0.0020	mg/kg	22	40		
9287563	Total (Wet Wt) Bismuth (Bi)	2019/02/01			101	80 - 120	<0.0013	mg/kg	4.3	40		
9287563	Total (Wet Wt) Boron (B)	2019/02/01			94	80 - 120	<0.20	mg/kg	1.2	40		
9287563	Total (Wet Wt) Cadmium (Cd)	2019/02/01			97	80 - 120	<0.0013	mg/kg	0.63	40	93	N/A
9287563	Total (Wet Wt) Calcium (Ca)	2019/02/01			100	80 - 120	<4.0	mg/kg	13	60		
9287563	Total (Wet Wt) Chromium (Cr)	2019/02/01			102	80 - 120	<0.025	mg/kg	2.7	40	82	N/A
9287563	Total (Wet Wt) Cobalt (Co)	2019/02/01			102	80 - 120	<0.0013	mg/kg	0.73	40	96	N/A
9287563	Total (Wet Wt) Copper (Cu)	2019/02/01			102	80 - 120	<0.013	mg/kg	1.8	40	91	N/A
9287563	Total (Wet Wt) Iron (Fe)	2019/02/01			108	80 - 120	<0.25	mg/kg	0.74	40	97	N/A
9287563	Total (Wet Wt) Lanthanum (La)	2019/02/01			101	80 - 120	<0.010	mg/kg	0.48	40		
9287563	Total (Wet Wt) Lead (Pb)	2019/02/01			102	80 - 120	<0.0013	mg/kg	3.5	40	61	N/A
9287563	Total (Wet Wt) Lithium (Li)	2019/02/01			90	80 - 120	<0.10	mg/kg	14	40	74	N/A
9287563	Total (Wet Wt) Magnesium (Mg)	2019/02/01			104	80 - 120	<0.40	mg/kg	3.5	40		
9287563	Total (Wet Wt) Manganese (Mn)	2019/02/01			102	80 - 120	<0.010	mg/kg	4.2	40		
9287563	Total (Wet Wt) Mercury (Hg)	2019/02/01			101	80 - 120	<0.013	mg/kg	NC	40	91	N/A
9287563	Total (Wet Wt) Molybdenum (Mo)	2019/02/01			102	80 - 120	<0.0080	mg/kg	50 (3)	40	92	N/A
9287563	Total (Wet Wt) Nickel (Ni)	2019/02/01			104	80 - 120	<0.010	mg/kg	1.4	40	141	N/A
9287563	Total (Wet Wt) Phosphorus (P)	2019/02/01			99	80 - 120	<2.0	mg/kg	2.0	40	89	N/A
9287563	Total (Wet Wt) Potassium (K)	2019/02/01			103	80 - 120	<2.5	mg/kg	0.98	40		
9287563	Total (Wet Wt) Selenium (Se)	2019/02/01			97	80 - 120	<0.010	mg/kg	2.7	40	95	N/A
9287563	Total (Wet Wt) Silicon (Si)	2019/02/01			92	80 - 120	<50	mg/kg	3.5	40		
9287563	Total (Wet Wt) Silver (Ag)	2019/02/01			86	80 - 120	<0.0013	mg/kg	3.5	40		
9287563	Total (Wet Wt) Sodium (Na)	2019/02/01			108	80 - 120	<2.5	mg/kg	1.9	40	97	N/A
9287563	Total (Wet Wt) Strontium (Sr)	2019/02/01			98	80 - 120	<0.013	mg/kg	7.3	60		
9287563	Total (Wet Wt) Sulphur (S)	2019/02/01			100	80 - 120	<50	mg/kg	1.9	40		
9287563	Total (Wet Wt) Thallium (Tl)	2019/02/01			102	80 - 120	<0.00040	mg/kg	7.9	40		
9287563	Total (Wet Wt) Thorium (Th)	2019/02/01			97	80 - 120	<0.0025	mg/kg	0.88	40		
9287563	Total (Wet Wt) Tin (Sn)	2019/02/01			98	80 - 120	<0.020	mg/kg	NC	40	122	N/A
9287563	Total (Wet Wt) Titanium (Ti)	2019/02/01			98	80 - 120	<0.13	mg/kg	12	40		
9287563	Total (Wet Wt) Tungsten (W)	2019/02/01			99	80 - 120	<0.0050	mg/kg	38	40		

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Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9287563	Total (Wet Wt) Uranium (U)	2019/02/01			105	80 - 120	<0.00040	mg/kg	2.4	40	110	N/A
9287563	Total (Wet Wt) Vanadium (V)	2019/02/01			101	80 - 120	<0.020	mg/kg	2.6	40		
9287563	Total (Wet Wt) Zinc (Zn)	2019/02/01			100	80 - 120	<0.20	mg/kg	0.55	40	90	N/A
9287563	Total (Wet Wt) Zirconium (Zr)	2019/02/01			99	80 - 120	<0.040	mg/kg	NC	40		
9291899	Total (Wet Wt) Aluminum (Al)	2019/02/02			100	80 - 120	<0.50	mg/kg	NC	40	100	N/A
9291899	Total (Wet Wt) Antimony (Sb)	2019/02/02			98	80 - 120	<0.0020	mg/kg	NC	40		
9291899	Total (Wet Wt) Arsenic (As)	2019/02/02			100	80 - 120	0.0095, RDL=0.0050 (6)	mg/kg	0.28	40	91	N/A
9291899	Total (Wet Wt) Barium (Ba)	2019/02/02			101	80 - 120	<0.010	mg/kg	29	40		
9291899	Total (Wet Wt) Beryllium (Be)	2019/02/02			96	80 - 120	<0.0020	mg/kg	NC	40		
9291899	Total (Wet Wt) Bismuth (Bi)	2019/02/02			102	80 - 120	<0.0013	mg/kg	12	40		
9291899	Total (Wet Wt) Boron (B)	2019/02/02			99	80 - 120	<0.20	mg/kg	188 (3)	40		
9291899	Total (Wet Wt) Cadmium (Cd)	2019/02/02			95	80 - 120	<0.0013	mg/kg	30	40	95	N/A
9291899	Total (Wet Wt) Calcium (Ca)	2019/02/02			95	80 - 120	<4.0	mg/kg	60	60		
9291899	Total (Wet Wt) Chromium (Cr)	2019/02/02			99	80 - 120	<0.025	mg/kg	NC	40	78	N/A
9291899	Total (Wet Wt) Cobalt (Co)	2019/02/02			99	80 - 120	<0.0013	mg/kg	0.97	40	92	N/A
9291899	Total (Wet Wt) Copper (Cu)	2019/02/02			99	80 - 120	<0.013	mg/kg	3.6	40	89	N/A
9291899	Total (Wet Wt) Iron (Fe)	2019/02/02			99	80 - 120	<0.25	mg/kg	7.6	40	94	N/A
9291899	Total (Wet Wt) Lanthanum (La)	2019/02/02			95	80 - 120	<0.010	mg/kg	NC	40		
9291899	Total (Wet Wt) Lead (Pb)	2019/02/02			102	80 - 120	<0.0013	mg/kg	NC	40	59	N/A
9291899	Total (Wet Wt) Lithium (Li)	2019/02/02			99	80 - 120	<0.10	mg/kg	NC	40	96	N/A
9291899	Total (Wet Wt) Magnesium (Mg)	2019/02/02			100	80 - 120	<0.40	mg/kg	0.36	40		
9291899	Total (Wet Wt) Manganese (Mn)	2019/02/02			103	80 - 120	<0.010	mg/kg	20	40		
9291899	Total (Wet Wt) Mercury (Hg)	2019/02/02			103	80 - 120	<0.013	mg/kg	8.8	40	88	N/A
9291899	Total (Wet Wt) Molybdenum (Mo)	2019/02/02			100	80 - 120	<0.0080	mg/kg	NC	40	90	N/A
9291899	Total (Wet Wt) Nickel (Ni)	2019/02/02			100	80 - 120	<0.010	mg/kg	NC	40	83	N/A
9291899	Total (Wet Wt) Phosphorus (P)	2019/02/02			100	80 - 120	<2.0	mg/kg	2.1	40	88	N/A
9291899	Total (Wet Wt) Potassium (K)	2019/02/02			100	80 - 120	<2.5	mg/kg	3.0	40		
9291899	Total (Wet Wt) Selenium (Se)	2019/02/02			95	80 - 120	<0.010	mg/kg	3.5	40	93	N/A
9291899	Total (Wet Wt) Silicon (Si)	2019/02/02			99	80 - 120	<50	mg/kg	NC	40		
9291899	Total (Wet Wt) Silver (Ag)	2019/02/02			83	80 - 120	<0.0013	mg/kg	NC	40		
9291899	Total (Wet Wt) Sodium (Na)	2019/02/02			102	80 - 120	<2.5	mg/kg	3.0	40	90	N/A

Maxxam Analytics International Corporation

QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9291899	Total (Wet Wt) Strontium (Sr)	2019/02/02			100	80 - 120	<0.013	mg/kg	70 (3)	60		
9291899	Total (Wet Wt) Sulphur (S)	2019/02/02			98	80 - 120	<50	mg/kg	3.6	40		
9291899	Total (Wet Wt) Thallium (Tl)	2019/02/02			100	80 - 120	<0.00040	mg/kg	NC	40		
9291899	Total (Wet Wt) Thorium (Th)	2019/02/02			96	80 - 120	<0.0025	mg/kg	NC	40		
9291899	Total (Wet Wt) Tin (Sn)	2019/02/02			99	80 - 120	<0.020	mg/kg	NC	40	105	N/A
9291899	Total (Wet Wt) Titanium (Ti)	2019/02/02			103	80 - 120	<0.13	mg/kg	5.0	40		
9291899	Total (Wet Wt) Tungsten (W)	2019/02/02			98	80 - 120	<0.0050	mg/kg	NC	40		
9291899	Total (Wet Wt) Uranium (U)	2019/02/02			104	80 - 120	<0.00040	mg/kg	NC	40	89	N/A
9291899	Total (Wet Wt) Vanadium (V)	2019/02/02			98	80 - 120	<0.020	mg/kg	NC	40		
9291899	Total (Wet Wt) Zinc (Zn)	2019/02/02			97	80 - 120	<0.20	mg/kg	1.3	40	91	N/A
9291899	Total (Wet Wt) Zirconium (Zr)	2019/02/02			96	80 - 120	<0.040	mg/kg	NC	40		
9291911	Total (Wet Wt) Aluminum (Al)	2019/02/03			101	80 - 120	<0.50	mg/kg	NC	40	102	N/A
9291911	Total (Wet Wt) Antimony (Sb)	2019/02/03			99	80 - 120	<0.0020	mg/kg	NC	40		
9291911	Total (Wet Wt) Arsenic (As)	2019/02/03			101	80 - 120	0.0053, RDL=0.0050 (6)	mg/kg	4.8	40	91	N/A
9291911	Total (Wet Wt) Barium (Ba)	2019/02/03			101	80 - 120	<0.010	mg/kg	21	40		
9291911	Total (Wet Wt) Beryllium (Be)	2019/02/03			97	80 - 120	<0.0020	mg/kg	NC	40		
9291911	Total (Wet Wt) Bismuth (Bi)	2019/02/03			101	80 - 120	<0.0013	mg/kg	2.9	40		
9291911	Total (Wet Wt) Boron (B)	2019/02/03			100	80 - 120	<0.20	mg/kg	194 (3)	40		
9291911	Total (Wet Wt) Cadmium (Cd)	2019/02/03			97	80 - 120	<0.0013	mg/kg	8.3	40	96	N/A
9291911	Total (Wet Wt) Calcium (Ca)	2019/02/03			108	80 - 120	<4.0	mg/kg	13	60		
9291911	Total (Wet Wt) Chromium (Cr)	2019/02/03			98	80 - 120	<0.025	mg/kg	NC	40	77	N/A
9291911	Total (Wet Wt) Cobalt (Co)	2019/02/03			100	80 - 120	<0.0013	mg/kg	29	40	88	N/A
9291911	Total (Wet Wt) Copper (Cu)	2019/02/03			100	80 - 120	<0.013	mg/kg	7.7	40	89	N/A
9291911	Total (Wet Wt) Iron (Fe)	2019/02/03			114	80 - 120	<0.25	mg/kg	5.0	40	108	N/A
9291911	Total (Wet Wt) Lanthanum (La)	2019/02/03			99	80 - 120	<0.010	mg/kg	NC	40		
9291911	Total (Wet Wt) Lead (Pb)	2019/02/03			101	80 - 120	<0.0013	mg/kg	20	40	62	N/A
9291911	Total (Wet Wt) Lithium (Li)	2019/02/03			105	80 - 120	<0.10	mg/kg	NC	40	99	N/A
9291911	Total (Wet Wt) Magnesium (Mg)	2019/02/03			105	80 - 120	<0.40	mg/kg	4.1	40		
9291911	Total (Wet Wt) Manganese (Mn)	2019/02/03			101	80 - 120	<0.010	mg/kg	10	40		
9291911	Total (Wet Wt) Mercury (Hg)	2019/02/03			99	80 - 120	<0.013	mg/kg	0.93	40	93	N/A
9291911	Total (Wet Wt) Molybdenum (Mo)	2019/02/03			101	80 - 120	<0.0080	mg/kg	NC	40	100	N/A

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9291911	Total (Wet Wt) Nickel (Ni)	2019/02/03			99	80 - 120	<0.010	mg/kg	NC	40	95	N/A
9291911	Total (Wet Wt) Phosphorus (P)	2019/02/03			103	80 - 120	<2.0	mg/kg	3.7	40	90	N/A
9291911	Total (Wet Wt) Potassium (K)	2019/02/03			105	80 - 120	<2.5	mg/kg	2.7	40		
9291911	Total (Wet Wt) Selenium (Se)	2019/02/03			103	80 - 120	<0.010	mg/kg	2.1	40	97	N/A
9291911	Total (Wet Wt) Silicon (Si)	2019/02/03			110	80 - 120	<50	mg/kg	NC	40		
9291911	Total (Wet Wt) Silver (Ag)	2019/02/03			79 (5)	80 - 120	<0.0013	mg/kg	NC	40		
9291911	Total (Wet Wt) Sodium (Na)	2019/02/03			105	80 - 120	<2.5	mg/kg	1.3	40	90	N/A
9291911	Total (Wet Wt) Strontium (Sr)	2019/02/03			103	80 - 120	<0.013	mg/kg	9.9	60		
9291911	Total (Wet Wt) Sulphur (S)	2019/02/03			105	80 - 120	<50	mg/kg	3.1	40		
9291911	Total (Wet Wt) Thallium (Tl)	2019/02/03			101	80 - 120	<0.00040	mg/kg	NC	40		
9291911	Total (Wet Wt) Thorium (Th)	2019/02/03			96	80 - 120	<0.0025	mg/kg	NC	40		
9291911	Total (Wet Wt) Tin (Sn)	2019/02/03			101	80 - 120	<0.020	mg/kg	0.30	40	124	N/A
9291911	Total (Wet Wt) Titanium (Ti)	2019/02/03			94	80 - 120	<0.13	mg/kg	0.072	40		
9291911	Total (Wet Wt) Tungsten (W)	2019/02/03			99	80 - 120	<0.0050	mg/kg	NC	40		
9291911	Total (Wet Wt) Uranium (U)	2019/02/03			102	80 - 120	<0.00040	mg/kg	2.7	40	98	N/A
9291911	Total (Wet Wt) Vanadium (V)	2019/02/03			96	80 - 120	<0.020	mg/kg	NC	40		
9291911	Total (Wet Wt) Zinc (Zn)	2019/02/03			101	80 - 120	<0.20	mg/kg	3.0	40	92	N/A
9291911	Total (Wet Wt) Zirconium (Zr)	2019/02/03			104	80 - 120	<0.040	mg/kg	NC	40		
9293229	Moisture	2019/01/16	77	N/A					1.7	20		
9293244	Moisture	2019/01/16	87	N/A					7.2	20		
9293253	Moisture	2019/01/16	80	N/A					8.9	20		
9293301	Total (Wet Wt) Aluminum (Al)	2019/02/03			100	80 - 120	<0.50	mg/kg	2.1	40	102	N/A
9293301	Total (Wet Wt) Antimony (Sb)	2019/02/03			100	80 - 120	<0.0020	mg/kg	7.7	40		
9293301	Total (Wet Wt) Arsenic (As)	2019/02/03			98	80 - 120	<0.0050	mg/kg	0.41	40	91	N/A
9293301	Total (Wet Wt) Barium (Ba)	2019/02/03			101	80 - 120	<0.010	mg/kg	21	40		
9293301	Total (Wet Wt) Beryllium (Be)	2019/02/03			96	80 - 120	<0.0020	mg/kg	NC	40		
9293301	Total (Wet Wt) Bismuth (Bi)	2019/02/03			101	80 - 120	<0.0013	mg/kg	11	40		
9293301	Total (Wet Wt) Boron (B)	2019/02/03			99	80 - 120	<0.20	mg/kg	0.27	40		
9293301	Total (Wet Wt) Cadmium (Cd)	2019/02/03			97	80 - 120	<0.0013	mg/kg	2.6	40	98	N/A
9293301	Total (Wet Wt) Calcium (Ca)	2019/02/03			102	80 - 120	<4.0	mg/kg	16	60		
9293301	Total (Wet Wt) Chromium (Cr)	2019/02/03			97	80 - 120	<0.025	mg/kg	8.1	40	78	N/A
9293301	Total (Wet Wt) Cobalt (Co)	2019/02/03			97	80 - 120	<0.0013	mg/kg	6.8	40	90	N/A

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Maxxam Job #: B873059
Report Date: 2019/02/11

QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9293301	Total (Wet Wt) Copper (Cu)	2019/02/03			96	80 - 120	<0.013	mg/kg	1.9	40	89	N/A
9293301	Total (Wet Wt) Iron (Fe)	2019/02/03			110	80 - 120	<0.25	mg/kg	2.1	40	98	N/A
9293301	Total (Wet Wt) Lanthanum (La)	2019/02/03			98	80 - 120	<0.010	mg/kg	NC	40		
9293301	Total (Wet Wt) Lead (Pb)	2019/02/03			100	80 - 120	<0.0013	mg/kg	4.6	40	62	N/A
9293301	Total (Wet Wt) Lithium (Li)	2019/02/03			104	80 - 120	<0.10	mg/kg	3.4	40	97	N/A
9293301	Total (Wet Wt) Magnesium (Mg)	2019/02/03			101	80 - 120	<0.40	mg/kg	0.60	40		
9293301	Total (Wet Wt) Manganese (Mn)	2019/02/03			101	80 - 120	<0.010	mg/kg	4.0	40		
9293301	Total (Wet Wt) Mercury (Hg)	2019/02/03			99	80 - 120	<0.013	mg/kg	3.8	40	92	N/A
9293301	Total (Wet Wt) Molybdenum (Mo)	2019/02/03			101	80 - 120	<0.0080	mg/kg	7.9	40	93	N/A
9293301	Total (Wet Wt) Nickel (Ni)	2019/02/03			97	80 - 120	<0.010	mg/kg	1.2	40	82	N/A
9293301	Total (Wet Wt) Phosphorus (P)	2019/02/03			101	80 - 120	<2.0	mg/kg	1.1	40	91	N/A
9293301	Total (Wet Wt) Potassium (K)	2019/02/03			103	80 - 120	<2.5	mg/kg	0.37	40		
9293301	Total (Wet Wt) Selenium (Se)	2019/02/03			99	80 - 120	<0.010	mg/kg	0.19	40	97	N/A
9293301	Total (Wet Wt) Silicon (Si)	2019/02/03			106	80 - 120	<50	mg/kg	NC	40		
9293301	Total (Wet Wt) Silver (Ag)	2019/02/03			83	80 - 120	<0.0013	mg/kg	11	40		
9293301	Total (Wet Wt) Sodium (Na)	2019/02/03			101	80 - 120	<2.5	mg/kg	1.2	40	92	N/A
9293301	Total (Wet Wt) Strontium (Sr)	2019/02/03			103	80 - 120	<0.013	mg/kg	18	60		
9293301	Total (Wet Wt) Sulphur (S)	2019/02/03			101	80 - 120	<50	mg/kg	0.082	40		
9293301	Total (Wet Wt) Thallium (Tl)	2019/02/03			99	80 - 120	<0.00040	mg/kg	NC	40		
9293301	Total (Wet Wt) Thorium (Th)	2019/02/03			94	80 - 120	<0.0025	mg/kg	NC	40		
9293301	Total (Wet Wt) Tin (Sn)	2019/02/03			100	80 - 120	<0.020	mg/kg	NC	40	119	N/A
9293301	Total (Wet Wt) Titanium (Ti)	2019/02/03			95	80 - 120	<0.13	mg/kg	16	40		
9293301	Total (Wet Wt) Tungsten (W)	2019/02/03			100	80 - 120	<0.0050	mg/kg	NC	40		
9293301	Total (Wet Wt) Uranium (U)	2019/02/03			102	80 - 120	<0.00040	mg/kg	NC	40	105	N/A
9293301	Total (Wet Wt) Vanadium (V)	2019/02/03			97	80 - 120	<0.020	mg/kg	5.3	40		
9293301	Total (Wet Wt) Zinc (Zn)	2019/02/03			97	80 - 120	<0.20	mg/kg	1.3	40	91	N/A
9293301	Total (Wet Wt) Zirconium (Zr)	2019/02/03			96	80 - 120	<0.040	mg/kg	NC	40		
9293349	Moisture	2019/01/21	90	N/A					4.3	20		
9293354	Total (Wet Wt) Aluminum (Al)	2019/02/02			101	80 - 120	<0.50	mg/kg	5.3	40	108	N/A
9293354	Total (Wet Wt) Antimony (Sb)	2019/02/02			101	80 - 120	<0.0020	mg/kg	14	40		
9293354	Total (Wet Wt) Arsenic (As)	2019/02/02			99	80 - 120	<0.0050	mg/kg	1.9	40	95	N/A
9293354	Total (Wet Wt) Barium (Ba)	2019/02/02			103	80 - 120	<0.010	mg/kg	34	40		

Maxxam Analytics International Corporation

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9293354	Total (Wet Wt) Beryllium (Be)	2019/02/02			97	80 - 120	<0.0020	mg/kg	NC	40		
9293354	Total (Wet Wt) Bismuth (Bi)	2019/02/02			101	80 - 120	<0.0013	mg/kg	10	40		
9293354	Total (Wet Wt) Boron (B)	2019/02/02			100	80 - 120	<0.20	mg/kg	1.0	40		
9293354	Total (Wet Wt) Cadmium (Cd)	2019/02/02			98	80 - 120	<0.0013	mg/kg	3.4	40	100	N/A
9293354	Total (Wet Wt) Calcium (Ca)	2019/02/02			101	80 - 120	<4.0	mg/kg	53	60		
9293354	Total (Wet Wt) Chromium (Cr)	2019/02/02			96	80 - 120	<0.025	mg/kg	107 (3)	40	79	N/A
9293354	Total (Wet Wt) Cobalt (Co)	2019/02/02			99	80 - 120	<0.0013	mg/kg	0.062	40	97	N/A
9293354	Total (Wet Wt) Copper (Cu)	2019/02/02			98	80 - 120	<0.013	mg/kg	2.1	40	93	N/A
9293354	Total (Wet Wt) Iron (Fe)	2019/02/02			108	80 - 120	<0.25	mg/kg	14	40	104	N/A
9293354	Total (Wet Wt) Lanthanum (La)	2019/02/02			99	80 - 120	<0.010	mg/kg	NC	40		
9293354	Total (Wet Wt) Lead (Pb)	2019/02/02			101	80 - 120	<0.0013	mg/kg	3.3	40	65	N/A
9293354	Total (Wet Wt) Lithium (Li)	2019/02/02			102	80 - 120	<0.10	mg/kg	NC	40	98	N/A
9293354	Total (Wet Wt) Magnesium (Mg)	2019/02/02			104	80 - 120	<0.40	mg/kg	1.3	40		
9293354	Total (Wet Wt) Manganese (Mn)	2019/02/02			101	80 - 120	<0.010	mg/kg	20	40		
9293354	Total (Wet Wt) Mercury (Hg)	2019/02/02			116	80 - 120	<0.013	mg/kg	9.3	40	100	N/A
9293354	Total (Wet Wt) Molybdenum (Mo)	2019/02/02			101	80 - 120	<0.0080	mg/kg	NC	40	99	N/A
9293354	Total (Wet Wt) Nickel (Ni)	2019/02/02			98	80 - 120	<0.010	mg/kg	0.50	40	86	N/A
9293354	Total (Wet Wt) Phosphorus (P)	2019/02/02			101	80 - 120	<2.0	mg/kg	0.71	40	94	N/A
9293354	Total (Wet Wt) Potassium (K)	2019/02/02			105	80 - 120	2.6, RDL=2.5 (7)	mg/kg	3.4	40		
9293354	Total (Wet Wt) Selenium (Se)	2019/02/02			97	80 - 120	<0.010	mg/kg	0.92	40	99	N/A
9293354	Total (Wet Wt) Silicon (Si)	2019/02/02			102	80 - 120	<50	mg/kg	NC	40		
9293354	Total (Wet Wt) Silver (Ag)	2019/02/02			74 (5)	80 - 120	<0.0013	mg/kg	12	40		
9293354	Total (Wet Wt) Sodium (Na)	2019/02/02			103	80 - 120	<2.5	mg/kg	1.9	40	96	N/A
9293354	Total (Wet Wt) Strontium (Sr)	2019/02/02			101	80 - 120	<0.013	mg/kg	50	60		
9293354	Total (Wet Wt) Sulphur (S)	2019/02/02			103	80 - 120	<50	mg/kg	3.1	40		
9293354	Total (Wet Wt) Thallium (Tl)	2019/02/02			102	80 - 120	<0.00040	mg/kg	NC	40		
9293354	Total (Wet Wt) Thorium (Th)	2019/02/02			96	80 - 120	<0.0025	mg/kg	NC	40		
9293354	Total (Wet Wt) Tin (Sn)	2019/02/02			102	80 - 120	<0.020	mg/kg	NC	40	117	N/A
9293354	Total (Wet Wt) Titanium (Ti)	2019/02/02			101	80 - 120	<0.13	mg/kg	19	40		
9293354	Total (Wet Wt) Tungsten (W)	2019/02/02			100	80 - 120	<0.0050	mg/kg	NC	40		
9293354	Total (Wet Wt) Uranium (U)	2019/02/02			104	80 - 120	<0.00040	mg/kg	NC	40	117	N/A
9293354	Total (Wet Wt) Vanadium (V)	2019/02/02			98	80 - 120	<0.020	mg/kg	NC	40		

Maxxam Analytics International Corporation

Maxxam Job #: B873059
Report Date: 2019/02/11

QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9293354	Total (Wet Wt) Zinc (Zn)	2019/02/02			99	80 - 120	<0.20	mg/kg	3.0	40	94	N/A
9293354	Total (Wet Wt) Zirconium (Zr)	2019/02/02			92	80 - 120	<0.040	mg/kg	NC	40		
9294421	Moisture	2019/01/17	80	N/A					2.0	20		
9294423	Moisture	2019/01/17	75	N/A					0.14	20		
9294626	Total (Wet Wt) Aluminum (Al)	2019/02/03			102	80 - 120	<0.50	mg/kg	1.9	40	105	N/A
9294626	Total (Wet Wt) Antimony (Sb)	2019/02/03			100	80 - 120	<0.0020	mg/kg	21	40		
9294626	Total (Wet Wt) Arsenic (As)	2019/02/03			100	80 - 120	<0.0050	mg/kg	3.3	40	92	N/A
9294626	Total (Wet Wt) Barium (Ba)	2019/02/03			102	80 - 120	<0.010	mg/kg	2.8	40		
9294626	Total (Wet Wt) Beryllium (Be)	2019/02/03			99	80 - 120	<0.0020	mg/kg	17	40		
9294626	Total (Wet Wt) Bismuth (Bi)	2019/02/03			102	80 - 120	<0.0013	mg/kg	2.1	40		
9294626	Total (Wet Wt) Boron (B)	2019/02/03			102	80 - 120	<0.20	mg/kg	2.8	40		
9294626	Total (Wet Wt) Cadmium (Cd)	2019/02/03			99	80 - 120	<0.0013	mg/kg	3.6	40	97	N/A
9294626	Total (Wet Wt) Calcium (Ca)	2019/02/03			106	80 - 120	<4.0	mg/kg	2.2	60		
9294626	Total (Wet Wt) Chromium (Cr)	2019/02/03			99	80 - 120	<0.025	mg/kg	1.3	40	76	N/A
9294626	Total (Wet Wt) Cobalt (Co)	2019/02/03			100	80 - 120	<0.0013	mg/kg	1.0	40	93	N/A
9294626	Total (Wet Wt) Copper (Cu)	2019/02/03			98	80 - 120	<0.013	mg/kg	1.8	40	91	N/A
9294626	Total (Wet Wt) Iron (Fe)	2019/02/03			112	80 - 120	<0.25	mg/kg	2.7	40	99	N/A
9294626	Total (Wet Wt) Lanthanum (La)	2019/02/03			97	80 - 120	<0.010	mg/kg	4.4	40		
9294626	Total (Wet Wt) Lead (Pb)	2019/02/03			102	80 - 120	<0.0013	mg/kg	3.1	40	63	N/A
9294626	Total (Wet Wt) Lithium (Li)	2019/02/03			106	80 - 120	<0.10	mg/kg	5.3	40	99	N/A
9294626	Total (Wet Wt) Magnesium (Mg)	2019/02/03			104	80 - 120	<0.40	mg/kg	5.5	40		
9294626	Total (Wet Wt) Manganese (Mn)	2019/02/03			104	80 - 120	<0.010	mg/kg	2.8	40		
9294626	Total (Wet Wt) Mercury (Hg)	2019/02/03			102	80 - 120	<0.013	mg/kg	NC	40	96	N/A
9294626	Total (Wet Wt) Molybdenum (Mo)	2019/02/03			101	80 - 120	<0.0080	mg/kg	2.7	40	94	N/A
9294626	Total (Wet Wt) Nickel (Ni)	2019/02/03			99	80 - 120	<0.010	mg/kg	0.46	40	82	N/A
9294626	Total (Wet Wt) Phosphorus (P)	2019/02/03			105	80 - 120	<2.0	mg/kg	2.2	40	93	N/A
9294626	Total (Wet Wt) Potassium (K)	2019/02/03			105	80 - 120	2.8, RDL=2.5 (8)	mg/kg	2.8	40		
9294626	Total (Wet Wt) Selenium (Se)	2019/02/03			101	80 - 120	<0.010	mg/kg	3.9	40	98	N/A
9294626	Total (Wet Wt) Silicon (Si)	2019/02/03			107	80 - 120	<50	mg/kg	3.2	40		
9294626	Total (Wet Wt) Silver (Ag)	2019/02/03			83	80 - 120	<0.0013	mg/kg	15	40		
9294626	Total (Wet Wt) Sodium (Na)	2019/02/03			103	80 - 120	<2.5	mg/kg	2.1	40	94	N/A
9294626	Total (Wet Wt) Strontium (Sr)	2019/02/03			102	80 - 120	<0.013	mg/kg	3.3	60		

Maxxam Analytics International Corporation

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9294626	Total (Wet Wt) Sulphur (S)	2019/02/03			105	80 - 120	<50	mg/kg	0.71	40		
9294626	Total (Wet Wt) Thallium (Tl)	2019/02/03			103	80 - 120	<0.00040	mg/kg	2.2	40		
9294626	Total (Wet Wt) Thorium (Th)	2019/02/03			98	80 - 120	<0.0025	mg/kg	1.3	40		
9294626	Total (Wet Wt) Tin (Sn)	2019/02/03			105	80 - 120	<0.020	mg/kg	5.8	40	113	N/A
9294626	Total (Wet Wt) Titanium (Ti)	2019/02/03			104	80 - 120	<0.13	mg/kg	0.69	40		
9294626	Total (Wet Wt) Tungsten (W)	2019/02/03			102	80 - 120	<0.0050	mg/kg	16	40		
9294626	Total (Wet Wt) Uranium (U)	2019/02/03			105	80 - 120	<0.00040	mg/kg	2.6	40	99	N/A
9294626	Total (Wet Wt) Vanadium (V)	2019/02/03			100	80 - 120	<0.020	mg/kg	2.2	40		
9294626	Total (Wet Wt) Zinc (Zn)	2019/02/03			99	80 - 120	<0.20	mg/kg	1.6	40	92	N/A
9294626	Total (Wet Wt) Zirconium (Zr)	2019/02/03			96	80 - 120	<0.040	mg/kg	NC	40		
9294645	Total (Wet Wt) Aluminum (Al)	2019/02/02			98	80 - 120	<0.50	mg/kg	3.9	40	99	N/A
9294645	Total (Wet Wt) Antimony (Sb)	2019/02/02			98	80 - 120	<0.0020	mg/kg	1.7	40		
9294645	Total (Wet Wt) Arsenic (As)	2019/02/02			100	80 - 120	<0.0050	mg/kg	9.6	40	94	N/A
9294645	Total (Wet Wt) Barium (Ba)	2019/02/02			101	80 - 120	<0.010	mg/kg	48 (3)	40		
9294645	Total (Wet Wt) Beryllium (Be)	2019/02/02			94	80 - 120	<0.0020	mg/kg	NC	40		
9294645	Total (Wet Wt) Bismuth (Bi)	2019/02/02			102	80 - 120	<0.0013	mg/kg	14	40		
9294645	Total (Wet Wt) Boron (B)	2019/02/02			96	80 - 120	<0.20	mg/kg	12	40		
9294645	Total (Wet Wt) Cadmium (Cd)	2019/02/02			96	80 - 120	<0.0013	mg/kg	NC	40	93	N/A
9294645	Total (Wet Wt) Calcium (Ca)	2019/02/02			97	80 - 120	<4.0	mg/kg	7.3	60		
9294645	Total (Wet Wt) Chromium (Cr)	2019/02/02			99	80 - 120	<0.025	mg/kg	NC	40	80	N/A
9294645	Total (Wet Wt) Cobalt (Co)	2019/02/02			99	80 - 120	<0.0013	mg/kg	9.7	40	92	N/A
9294645	Total (Wet Wt) Copper (Cu)	2019/02/02			99	80 - 120	<0.013	mg/kg	9.9	40	92	N/A
9294645	Total (Wet Wt) Iron (Fe)	2019/02/02			103	80 - 120	<0.25	mg/kg	18	40	91	N/A
9294645	Total (Wet Wt) Lanthanum (La)	2019/02/02			96	80 - 120	<0.010	mg/kg	NC	40		
9294645	Total (Wet Wt) Lead (Pb)	2019/02/02			102	80 - 120	<0.0013	mg/kg	59 (3)	40	62	N/A
9294645	Total (Wet Wt) Lithium (Li)	2019/02/02			98	80 - 120	<0.10	mg/kg	9.0	40	93	N/A
9294645	Total (Wet Wt) Magnesium (Mg)	2019/02/02			100	80 - 120	<0.40	mg/kg	6.1	40		
9294645	Total (Wet Wt) Manganese (Mn)	2019/02/02			101	80 - 120	<0.010	mg/kg	22	40		
9294645	Total (Wet Wt) Mercury (Hg)	2019/02/02			114	80 - 120	<0.013	mg/kg	13	40	100	N/A
9294645	Total (Wet Wt) Molybdenum (Mo)	2019/02/02			98	80 - 120	<0.0080	mg/kg	NC	40	94	N/A
9294645	Total (Wet Wt) Nickel (Ni)	2019/02/02			99	80 - 120	<0.010	mg/kg	30	40	85	N/A
9294645	Total (Wet Wt) Phosphorus (P)	2019/02/02			101	80 - 120	<2.0	mg/kg	10	40	89	N/A

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9294645	Total (Wet Wt) Potassium (K)	2019/02/02			101	80 - 120	<2.5	mg/kg	9.3	40		
9294645	Total (Wet Wt) Selenium (Se)	2019/02/02			96	80 - 120	<0.010	mg/kg	9.4	40	94	N/A
9294645	Total (Wet Wt) Silicon (Si)	2019/02/02			101	80 - 120	<50	mg/kg	NC	40		
9294645	Total (Wet Wt) Silver (Ag)	2019/02/02			81	80 - 120	<0.0013	mg/kg	17	40		
9294645	Total (Wet Wt) Sodium (Na)	2019/02/02			100	80 - 120	<2.5	mg/kg	9.2	40	91	N/A
9294645	Total (Wet Wt) Strontium (Sr)	2019/02/02			101	80 - 120	<0.013	mg/kg	15	60		
9294645	Total (Wet Wt) Sulphur (S)	2019/02/02			99	80 - 120	<50	mg/kg	11	40		
9294645	Total (Wet Wt) Thallium (Tl)	2019/02/02			100	80 - 120	<0.00040	mg/kg	NC	40		
9294645	Total (Wet Wt) Thorium (Th)	2019/02/02			95	80 - 120	<0.0025	mg/kg	NC	40		
9294645	Total (Wet Wt) Tin (Sn)	2019/02/02			100	80 - 120	<0.020	mg/kg	NC	40	165	N/A
9294645	Total (Wet Wt) Titanium (Ti)	2019/02/02			97	80 - 120	<0.13	mg/kg	0.48	40		
9294645	Total (Wet Wt) Tungsten (W)	2019/02/02			99	80 - 120	<0.0050	mg/kg	NC	40		
9294645	Total (Wet Wt) Uranium (U)	2019/02/02			101	80 - 120	<0.00040	mg/kg	NC	40	111	N/A
9294645	Total (Wet Wt) Vanadium (V)	2019/02/02			101	80 - 120	<0.020	mg/kg	14	40		
9294645	Total (Wet Wt) Zinc (Zn)	2019/02/02			98	80 - 120	<0.20	mg/kg	9.4	40	92	N/A
9294645	Total (Wet Wt) Zirconium (Zr)	2019/02/02			102	80 - 120	<0.040	mg/kg	NC	40		
9296361	Moisture	2019/01/21	81	N/A					0.61	20		
9296428	Total (Wet Wt) Aluminum (Al)	2019/02/03			101	80 - 120	<0.50	mg/kg	22	40	100	N/A
9296428	Total (Wet Wt) Antimony (Sb)	2019/02/03			100	80 - 120	<0.0020	mg/kg	3.1	40		
9296428	Total (Wet Wt) Arsenic (As)	2019/02/03			97	80 - 120	0.0055, RDL=0.0050 (9)	mg/kg	4.7	40	88	N/A
9296428	Total (Wet Wt) Barium (Ba)	2019/02/03			102	80 - 120	<0.010	mg/kg	11	40		
9296428	Total (Wet Wt) Beryllium (Be)	2019/02/03			96	80 - 120	<0.0020	mg/kg	NC	40		
9296428	Total (Wet Wt) Bismuth (Bi)	2019/02/03			100	80 - 120	<0.0013	mg/kg	7.6	40		
9296428	Total (Wet Wt) Boron (B)	2019/02/03			98	80 - 120	<0.20	mg/kg	2.2	40		
9296428	Total (Wet Wt) Cadmium (Cd)	2019/02/03			97	80 - 120	<0.0013	mg/kg	4.1	40	92	N/A
9296428	Total (Wet Wt) Calcium (Ca)	2019/02/03			103	80 - 120	<4.0	mg/kg	14	60		
9296428	Total (Wet Wt) Chromium (Cr)	2019/02/03			97	80 - 120	<0.025	mg/kg	13	40	75	N/A
9296428	Total (Wet Wt) Cobalt (Co)	2019/02/03			98	80 - 120	<0.0013	mg/kg	4.7	40	90	N/A
9296428	Total (Wet Wt) Copper (Cu)	2019/02/03			96	80 - 120	<0.013	mg/kg	3.0	40	86	N/A
9296428	Total (Wet Wt) Iron (Fe)	2019/02/03			109	80 - 120	<0.25	mg/kg	0.40	40	93	N/A
9296428	Total (Wet Wt) Lanthanum (La)	2019/02/03			97	80 - 120	<0.010	mg/kg	NC	40		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9296428	Total (Wet Wt) Lead (Pb)	2019/02/03			100	80 - 120	<0.0013	mg/kg	10	40	60	N/A
9296428	Total (Wet Wt) Lithium (Li)	2019/02/03			104	80 - 120	<0.10	mg/kg	2.2	40	96	N/A
9296428	Total (Wet Wt) Magnesium (Mg)	2019/02/03			101	80 - 120	<0.40	mg/kg	1.7	40		
9296428	Total (Wet Wt) Manganese (Mn)	2019/02/03			102	80 - 120	<0.010	mg/kg	12	40		
9296428	Total (Wet Wt) Mercury (Hg)	2019/02/03			101	80 - 120	<0.013	mg/kg	6.5	40	88	N/A
9296428	Total (Wet Wt) Molybdenum (Mo)	2019/02/03			101	80 - 120	<0.0080	mg/kg	5.1	40	90	N/A
9296428	Total (Wet Wt) Nickel (Ni)	2019/02/03			98	80 - 120	<0.010	mg/kg	9.1	40	82	N/A
9296428	Total (Wet Wt) Phosphorus (P)	2019/02/03			101	80 - 120	<2.0	mg/kg	9.1	40	88	N/A
9296428	Total (Wet Wt) Potassium (K)	2019/02/03			104	80 - 120	2.5, RDL=2.5 (7)	mg/kg	4.8	40		
9296428	Total (Wet Wt) Selenium (Se)	2019/02/03			98	80 - 120	<0.010	mg/kg	5.8	40	91	N/A
9296428	Total (Wet Wt) Silicon (Si)	2019/02/03			106	80 - 120	<50	mg/kg	NC	40		
9296428	Total (Wet Wt) Silver (Ag)	2019/02/03			73 (5)	80 - 120	<0.0013	mg/kg	0.46	40		
9296428	Total (Wet Wt) Sodium (Na)	2019/02/03			100	80 - 120	<2.5	mg/kg	5.8	40	88	N/A
9296428	Total (Wet Wt) Strontium (Sr)	2019/02/03			105	80 - 120	<0.013	mg/kg	8.2	60		
9296428	Total (Wet Wt) Sulphur (S)	2019/02/03			103	80 - 120	<50	mg/kg	4.4	40		
9296428	Total (Wet Wt) Thallium (Tl)	2019/02/03			99	80 - 120	<0.00040	mg/kg	3.3	40		
9296428	Total (Wet Wt) Thorium (Th)	2019/02/03			94	80 - 120	<0.0025	mg/kg	NC	40		
9296428	Total (Wet Wt) Tin (Sn)	2019/02/03			108	80 - 120	<0.020	mg/kg	4.5	40	108	N/A
9296428	Total (Wet Wt) Titanium (Ti)	2019/02/03			101	80 - 120	<0.13	mg/kg	5.5	40		
9296428	Total (Wet Wt) Tungsten (W)	2019/02/03			100	80 - 120	<0.0050	mg/kg	5.1	40		
9296428	Total (Wet Wt) Uranium (U)	2019/02/03			101	80 - 120	<0.00040	mg/kg	7.4	40	105	N/A
9296428	Total (Wet Wt) Vanadium (V)	2019/02/03			97	80 - 120	<0.020	mg/kg	5.7	40		
9296428	Total (Wet Wt) Zinc (Zn)	2019/02/03			98	80 - 120	<0.20	mg/kg	7.3	40	89	N/A
9296428	Total (Wet Wt) Zirconium (Zr)	2019/02/03			106	80 - 120	<0.040	mg/kg	NC	40		
9299259	Total (Wet Wt) Aluminum (Al)	2019/01/31			111	80 - 120	<0.50	mg/kg			102	75 - 125
9299259	Total (Wet Wt) Antimony (Sb)	2019/01/31			110	80 - 120	<0.0020	mg/kg			50	N/A
9299259	Total (Wet Wt) Arsenic (As)	2019/01/31			110	80 - 120	<0.0050	mg/kg			92	75 - 125
9299259	Total (Wet Wt) Barium (Ba)	2019/01/31			113	80 - 120	<0.010	mg/kg				
9299259	Total (Wet Wt) Beryllium (Be)	2019/01/31			102	80 - 120	<0.0020	mg/kg				
9299259	Total (Wet Wt) Bismuth (Bi)	2019/01/31			113	80 - 120	<0.0013	mg/kg				
9299259	Total (Wet Wt) Boron (B)	2019/01/31			106	80 - 120	<0.20	mg/kg				
9299259	Total (Wet Wt) Cadmium (Cd)	2019/01/31			106	80 - 120	<0.0013	mg/kg			93	75 - 125

Maxxam Analytics International Corporation

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9299259	Total (Wet Wt) Calcium (Ca)	2019/01/31			113	80 - 120	<4.0	mg/kg			416	N/A
9299259	Total (Wet Wt) Chromium (Cr)	2019/01/31			118	80 - 120	<0.025	mg/kg			80	75 - 125
9299259	Total (Wet Wt) Cobalt (Co)	2019/01/31			115	80 - 120	<0.0013	mg/kg			94	75 - 125
9299259	Total (Wet Wt) Copper (Cu)	2019/01/31			115	80 - 120	0.021, RDL=0.013 (11)	mg/kg			93	75 - 125
9299259	Total (Wet Wt) Iron (Fe)	2019/01/31			118	80 - 120	<0.25	mg/kg			92	75 - 125
9299259	Total (Wet Wt) Lanthanum (La)	2019/01/31			111	80 - 120	<0.010	mg/kg				
9299259	Total (Wet Wt) Lead (Pb)	2019/01/31			114	80 - 120	<0.0013	mg/kg			66 (4)	75 - 125
9299259	Total (Wet Wt) Lithium (Li)	2019/01/31			104	80 - 120	<0.10	mg/kg			76	75 - 125
9299259	Total (Wet Wt) Magnesium (Mg)	2019/01/31			119	80 - 120	<0.40	mg/kg				
9299259	Total (Wet Wt) Manganese (Mn)	2019/01/31			116	80 - 120	<0.010	mg/kg			32	N/A
9299259	Total (Wet Wt) Mercury (Hg)	2019/01/31			112	80 - 120	<0.013	mg/kg			92	75 - 125
9299259	Total (Wet Wt) Molybdenum (Mo)	2019/01/31			112	80 - 120	<0.0080	mg/kg			92	75 - 125
9299259	Total (Wet Wt) Nickel (Ni)	2019/01/31			118	80 - 120	<0.010	mg/kg			84	75 - 125
9299259	Total (Wet Wt) Phosphorus (P)	2019/01/31			114	80 - 120	<2.0	mg/kg			90	75 - 125
9299259	Total (Wet Wt) Potassium (K)	2019/01/31			118	80 - 120	<2.5	mg/kg			87	N/A
9299259	Total (Wet Wt) Selenium (Se)	2019/01/31			108	80 - 120	<0.010	mg/kg			96	75 - 125
9299259	Total (Wet Wt) Silicon (Si)	2019/01/31			108	80 - 120	<50	mg/kg				
9299259	Total (Wet Wt) Silver (Ag)	2019/01/31			102	80 - 120	<0.0013	mg/kg			0.75	N/A
9299259	Total (Wet Wt) Sodium (Na)	2019/01/31			124 (10)	80 - 120	<2.5	mg/kg			97	75 - 125
9299259	Total (Wet Wt) Strontium (Sr)	2019/01/31			110	80 - 120	<0.013	mg/kg			249	N/A
9299259	Total (Wet Wt) Sulphur (S)	2019/01/31			117	80 - 120	<50	mg/kg				
9299259	Total (Wet Wt) Thallium (Tl)	2019/01/31			115	80 - 120	<0.00040	mg/kg			87	N/A
9299259	Total (Wet Wt) Thorium (Th)	2019/01/31			108	80 - 120	<0.0025	mg/kg				
9299259	Total (Wet Wt) Tin (Sn)	2019/01/31			111	80 - 120	<0.020	mg/kg			97	75 - 125
9299259	Total (Wet Wt) Titanium (Ti)	2019/01/31			110	80 - 120	<0.13	mg/kg				
9299259	Total (Wet Wt) Tungsten (W)	2019/01/31			111	80 - 120	<0.0050	mg/kg				
9299259	Total (Wet Wt) Uranium (U)	2019/01/31			117	80 - 120	<0.00040	mg/kg			104	75 - 125
9299259	Total (Wet Wt) Vanadium (V)	2019/01/31			115	80 - 120	<0.020	mg/kg			284	N/A
9299259	Total (Wet Wt) Zinc (Zn)	2019/01/31			111	80 - 120	<0.20	mg/kg			92	75 - 125

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QUALITY ASSURANCE REPORT(CONT'D)

STANTEC CONSULTING LTD
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9299259	Total (Wet Wt) Zirconium (Zr)	2019/01/31			110	80 - 120	<0.040	mg/kg				

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Reference Material for (Sb) exceeds acceptance criteria. 10% of analytes failure in multi-element scan is allowed.

(2) Reference Material for (Tl) exceeds acceptance criteria. 10% of analytes failure in multi-element scan is allowed.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(4) Reference Material for (Lead) outside acceptance criteria due to digestion limitation

(5) Blank Spike for (Ag) outside acceptance criteria (10% of analytes failure allowed).

(6) Method Blank exceeds acceptance limits for (As). Sample values for (As) are >10x the concentration of the method blank and the contamination is considered irrelevant.

(7) Method Blank exceeds acceptance limits for (K). Sample values for (K) are >10x the concentration of the method blank and the contamination is considered irrelevant.

(8) Method Blank exceeds acceptance limits for (P). Sample values for (P) are >10x the concentration of the method blank and the contamination is considered irrelevant.

(9) Method Blank exceeds acceptance limits for (Asr). Sample values for (Copper) are >10x the concentration of the method blank and the contamination is considered irrelevant.

(10) Blank Spike for (Na) outside acceptance criteria (10% of analytes failure allowed).

(11) Method Blank exceeds acceptance limits for (Cu). Sample values for (Cu) are >10x the concentration of the method blank and the contamination is considered irrelevant.

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Maxxam Analytics - Partnering with Results

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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company:	Stantec Consulting	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	LNGC-C46 Hepato			Tissue	1																																		X	X	X	X	- All samples on hold.
2	LNGC-C54 Hepato			Tissue	1																																		X	X	X	X	- The analyses indicated will apply
3	LNGC-C55 Hepato			Tissue	1																																		X	X	X	X	after the hold is released.
4	LNGC-C57 Hepato			Tissue	1																																		X	X	X	X	- Report as wet wet concentrations
5	LNGC-C59 Hepato			Tissue	1																																		X	X	X	X	- Report the individual congeners of
6	RT-C01 Hepato			Tissue	1																																		X	X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	RT-C04 Hepato			Tissue	1																																		X	X	X	X	and furans
8	RT-C06 Hepato			Tissue	1																																		X	X	X	X	- Prioritize lowering the detection
9	RT-C07 Hepato			Tissue	1																																		X	X	X	X	limits for PAH, PCB, and dioxins as
10	RT-C08 Hepato			Tissue	1																																		X	X	X	X	discussed w/Barry Loescher

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Maxxam's standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgement and acceptance of our terms which are available for viewing at www.maxxam.ca/terms.

Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

B873059_COC

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Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company :	Stantec Consulting	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	TSS	TDS	pH	Conductivity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
1 RT-C10 Hepato			Tissue	1																															☑	X	X	X	X
2 RT-C12 Hepato			Tissue	1																															☑	X	X	X	X
3 RT-C13 Hepato			Tissue	1																															☑	X	X	X	X
4 RT-C15 Hepato			Tissue	1																															☑	X	X	X	X
5 RT-C16 Hepato			Tissue	1																															☑	X	X	X	X
6 RT-C17 Hepato			Tissue	1																															☑	X	X	X	X
7 RT-C19 Hepato			Tissue	1																															☑	X	X	X	X
8 RT-C20 Hepato			Tissue	1																															☑	X	X	X	X
9 RT-C22 Hepato			Tissue	1																															☑	X	X	X	X
10 RT-C23 Hepato			Tissue	1																															☑	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required	
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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ EPH	☐ TEH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 KILD-C01 Hepato			Tissue	1																																			X	X	X	X
2 KILD-C02 Hepato			Tissue	1																																			X	X	X	X
3 KILD-C05 Hepato			Tissue	1																																			X	X	X	X
4 KILD-C18 Hepato			Tissue	1																																			X	X	X	X
5 KILD-C19 Hepato			Tissue	1																																			X	X	X	X
6 KILD-C25 Hepato			Tissue	1																																			X	X	X	X
7 KILD-C34 Hepato			Tissue	1																																			X	X	X	X
8 KILD-C37 Hepato			Tissue	1																																			X	X	X	X
9 KILD-C38 Hepato			Tissue	1																																			X	X	X	X
10 KILD-C39 Hepato			Tissue	1																																			X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	LEPH / HEPH / PAH	PAH	F2 - F4	EPH	TEH	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Sulphate	Fluoride	TSS	TDS	COD	BOD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
1 KILD-C41 Hepato			Tissue	1																																			X	X	X	X
2 KILD-C42 Hepato			Tissue	1																																			X	X	X	X
3 KILD-C43 Hepato			Tissue	1																																			X	X	X	X
4 KILD-C51 Hepato			Tissue	1																																			X	X	X	X
5 KILD-C53 Hepato			Tissue	1																																			X	X	X	X
6 KVS-C03 Hepato			Tissue	1																																			X	X	X	X
7 KVS-C11 Hepato			Tissue	1																																			X	X	X	X
8 KVS-C17 Hepato			Tissue	1																																			X	X	X	X
9 KVS-C23 Hepato			Tissue	1																																			X	X	X	X
10 KVS-C25 Hepato			Tissue	1																																			X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	KVS-C27 Hepato			Tissue	1																																		X	X	X	X
2	KVS-C31 Hepato			Tissue	1																																			X	X	X	X
3	KVS-C38 Hepato			Tissue	1																																			X	X	X	X
4																																											
5																																											
6																																											
7																																											
8																																											
9																																											
10																																											

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present			Temp ACTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp ACTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp ACTR	
Seal Intact				
Cooling Media				

Analysis Requested

Regulatory Criteria: ☐ BC CSR ☐ YK CSR ☐ CCME ☐ Drinking Water ☐ BC Water Quality ☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ F2 - F4	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ Fluoride	☐ BOD	☐ TDS	☐ COD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	LNGC-C01 Hepato			Tissue	1															X																X			X	X	X	- All samples on hold.
2	LNGC-C07 Hepato			Tissue	1															X																X			X	X	X	- The analyses indicated will apply
3	LNGC-C09 Hepato			Tissue	1															X																X			X	X	X	after the hold is released.
4	LNGC-C16 Hepato			Tissue	1															X																X			X	X	X	- Report as wet wet concentrations
5	LNGC-C17 Hepato			Tissue	1															X																X			X	X	X	- Report the individual congeners of
6	LNGC-C19 Hepato			Tissue	1															X																X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	LNGC-C22 Hepato			Tissue	1															X																X			X	X	X	and furans
8	LNGC-C23 Hepato			Tissue	1															X																X			X	X	X	- Prioritize lowering the detection
9	LNGC-C35 Hepato			Tissue	1															X																X			X	X	X	limits for PAH, PCB, and dioxins as
10	LNGC-C38 Hepato			Tissue	1															X																X			X	X	X	discussed w/Barry Loescher

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ MTBE	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Preserved?	☐ Filtered?	☐ Field Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	RT-C24 Hepato			Tissue	1																X														X			X	X	X	- All samples on hold.
2	RT-C25 Hepato			Tissue	1																X														X			X	X	X	- The analyses indicated will apply
3	RT-C26 Hepato			Tissue	1																X														X			X	X	X	after the hold is released.
4	RT-C27 Hepato			Tissue	1																X														X			X	X	X	- Report as wet wet concentrations
5	RT-C28 Hepato			Tissue	1																X														X			X	X	X	- Report the individual congeners of
6	RT-C29 Hepato			Tissue	1																X														X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	RT-C30 Hepato			Tissue	1																X														X			X	X	X	and furans
8	RT-C31 Hepato			Tissue	1																X														X			X	X	X	- Prioritize lowering the detection
9	RT-C32 Hepato			Tissue	1																X														X			X	X	X	limits for PAH, PCB, and dioxins as
10	RT-C33 Hepato			Tissue	1																X														X			X	X	X	discussed w/Barry Loescher

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ TEH	☐ EPH	☐ F2 - F4	☐ Filtered?	☐ Preserved?	☐ Filtered?	☐ Preserved?	☐ Field Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ COD	☐ BOD	☐ TDS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ KLD - DO NOT ANALYZE
1	KILD-C36 Hepato			Tissue	1															X														X			X	X	X
2	KILD-C40 Hepato			Tissue	1															X														X			X	X	X
3	KILD-C48 Hepato			Tissue	1															X														X			X	X	X
4	KILD-C49 Hepato			Tissue	1															X														X			X	X	X
5	KILD-C50 Hepato			Tissue	1															X														X			X	X	X
6	KVS-C02 Hepato			Tissue	1															X														X			X	X	X
7	KVS-C05 Hepato			Tissue	1															X														X			X	X	X
8	KVS-C06 Hepato			Tissue	1															X														X			X	X	X
9	KVS-C07 Hepato			Tissue	1															X														X			X	X	X
10	KVS-C09 Hepato			Tissue	1															X														X			X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

B873059_COC

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Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company:	Stantec Consulting	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	A	CTR
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	A	CTR
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	A	CTR
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☑ Field Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ ALD - DO NOT ANALYZE
1 RT-CLAM01			Tissue	1																	X																	X	X	X	X	X	X
2 RT-CLAM02			Tissue	1																	X																	X	X	X	X	X	X
3 RT-CLAM03			Tissue	1																	X																	X	X	X	X	X	X
4 RT-CLAM04			Tissue	1																	X																	X	X	X	X	X	X
5 RT-CLAM05			Tissue	1																	X																	X	X	X	X	X	X
6 RT-CLAM06			Tissue	1																	X																	X	X	X	X	X	X
7 RT-CLAM07			Tissue	1																	X																	X	X	X	X	X	X
8 RT-CLAM08			Tissue	1																	X																	X	X	X	X	X	X
9 RT-CLAM09			Tissue	1																	X																	X	X	X	X	X	X
10 RT-CLAM10			Tissue	1																	X																	X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ BTEX F1	☐ PAH	☐ EPH	☐ Dissolved Metals	☐ Dissolved Mercury	☐ MTBE	☐ VOC / BTEX / F1	☐ LEPH / HEPH / PAH	☐ F2 - F4	☐ Preserved?	☐ Filtered?	☐ TEH	☐ Preserved?	☐ Filtered?	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ BOD	☐ Chloride	☐ TDS	☐ COD	☐ Conductivity	☐ Alkalinity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☐ Moisture Content	☐ Lipid Content	☐ DO NOT ANALYZE
1	RT-CLAM11			Tissue	1																	☑ X														☑ X	☑ X	☑ X	☑ X	☑ X	☑ X
2	RT-CLAM12			Tissue	1																	☑ X														☑ X	☑ X	☑ X	☑ X	☑ X	☑ X
3	RT-CLAM13			Tissue	1																	☑ X														☑ X	☑ X	☑ X	☑ X	☑ X	☑ X
4	RT-CLAM14			Tissue	1																	☑ X														☑ X	☑ X	☑ X	☑ X	☑ X	☑ X
5	RT-CLAM15			Tissue	1																	☑ X														☑ X	☑ X	☑ X	☑ X	☑ X	☑ X
6																																										
7																																										
8																																										
9																																										
10																																										

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		Depot Reception
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ BOD	☐ COD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ ALD - DO NOT ANALYZE
1	KILD-CLAM01			Tissue	1															X																	X	X	X	X	X	X
2	KILD-CLAM02			Tissue	1															X																	X	X	X	X	X	X
3	KILD-CLAM03			Tissue	1															X																	X	X	X	X	X	X
4	KILD-CLAM04			Tissue	1															X																	X	X	X	X	X	X
5	KILD-CLAM05			Tissue	1															X																	X	X	X	X	X	X
6	KILD-CLAM06			Tissue	1															X																	X	X	X	X	X	X
7	KILD-CLAM07			Tissue	1															X																	X	X	X	X	X	X
8	KILD-CLAM08			Tissue	1															X																	X	X	X	X	X	X
9	KILD-CLAM09			Tissue	1															X																	X	X	X	X	X	X
10	KILD-CLAM10			Tissue	1															X																	X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ TEH	☐ EPH	☐ F2 - F4	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ Conductivity	☐ TDS	☐ TSS	☐ Alkalinity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 KILD-CLAM11			Tissue	1																X																X	X	X	X	X	X
2 KILD-CLAM12			Tissue	1																X																X	X	X	X	X	X
3 KILD-CLAM13			Tissue	1																X																X	X	X	X	X	X
4 KILD-CLAM14			Tissue	1																X																X	X	X	X	X	X
5 KILD-CLAM15			Tissue	1																X																X	X	X	X	X	X
6																																										
7																																										
8																																										
9																																										
10																																										

Regulatory Criteria

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☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH	☐ LEPH / HEPH / PAH	☐ TEH	☐ F2 - F4	☐ EPH	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ TSS	☐ Sulphate	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 KVS-C04 Hepato			Tissue	1																																		X	X	X	X	X
2 KVS-C08 Hepato			Tissue	1																																		X	X	X	X	X
3 KVS-C14 Hepato			Tissue	1																																		X	X	X	X	X
4 KVS-C21 Hepato			Tissue	1																																		X	X	X	X	X
5 KVS-C29 Hepato			Tissue	1																																		X	X	X	X	X
6 KVS-C35 Hepato			Tissue	1																																		X	X	X	X	X
7 KVS-C36 Hepato			Tissue	1																																		X	X	X	X	X
8																																												
9																																												
10																																												

Regulatory Criteria

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☐ Drinking Water
☐ BC Water Quality
☐ Other

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Company :	Stantec Consulting	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ TSS	☐ TDS	☐ pH	☐ Conductivity	☐ Nitrite	☐ Nitrate	☐ PAH - HRMS - CalEPA Method 429	☐ F2 - F4	☐ Preserved?	☐ Sulphate	☐ COD	☐ BOD	☐ Alkalinity	☐ Ammonia	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	LNGC-C01 Meat			Tissue	1													X												X								X	X	X	X	X	X
2	LNGC-C02 Meat			Tissue	1													X												X								X	X	X	X	X	X
3	LNGC-C03 Meat			Tissue	1													X												X								X	X	X	X	X	X
4	LNGC-C04 Meat			Tissue	1													X												X								X	X	X	X	X	X
5	LNGC-C05 Meat			Tissue	1													X												X								X	X	X	X	X	X
6	LNGC-C07 Meat			Tissue	1													X												X								X	X	X	X	X	X
7	LNGC-C09 Meat			Tissue	1													X												X								X	X	X	X	X	X
8	LNGC-C11 Meat			Tissue	1													X												X								X	X	X	X	X	X
9	LNGC-C12 Meat			Tissue	1													X												X								X	X	X	X	X	X
10	LNGC-C13 Meat			Tissue	1													X												X								X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ BTEX F1	☐ PAH	☐ EPH	☐ Dissolved Metals	☐ Dissolved Mercury	☑ Total Metals	☐ Total Mercury	☐ Chloride	☐ TSS	☐ pH	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☐ Moisture Content	☐ Lipid Content	☐ LD - DO NOT ANALYZE
1 LNGC-C14 Meat			Tissue	1								X						X	X	X	X	X	X
2 LNGC-C16 Meat			Tissue	1								X						X	X	X	X	X	X
3 LNGC-C17 Meat			Tissue	1								X						X	X	X	X	X	X
4 LNGC-C18 Meat			Tissue	1								X						X	X	X	X	X	X
5 LNGC-C20 Meat			Tissue	1								X						X	X	X	X	X	X
6																							
7																							
8																							
9																							
10																							

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	RT-C01 Meat			Tissue	1																	X																X	X	X	X	X	X
2	RT-C04 Meat			Tissue	1																	X																X	X	X	X	X	X
3	RT-C06 Meat			Tissue	1																	X																X	X	X	X	X	X
4	RT-C07 Meat			Tissue	1																	X																X	X	X	X	X	X
5	RT-C08 Meat			Tissue	1																	X																X	X	X	X	X	X
6	RT-C09 Meat			Tissue	1																	X																X	X	X	X	X	X
7	RT-C10 Meat			Tissue	1																	X																X	X	X	X	X	X
8	RT-C11 Meat			Tissue	1																	X																X	X	X	X	X	X
9	RT-C12 Meat			Tissue	1																	X																X	X	X	X	X	X
10	RT-C13 Meat			Tissue	1																	X																X	X	X	X	X	X

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	ACTR	
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☐ Moisture Content	☐ Lipid Content	☐ LD - DO NOT ANALYZE
1	RT-C15 Meat			Tissue	1																	X																	X	X	X	X	X	X
2	RT-C16 Meat			Tissue	1																	X																	X	X	X	X	X	X
3	RT-C17 Meat			Tissue	1																	X																	X	X	X	X	X	X
4	RT-C19 Meat			Tissue	1																	X																	X	X	X	X	X	X
5	RT-C20 Meat			Tissue	1																	X																	X	X	X	X	X	X
6																																													
7																																													
8																																													
9																																													
10																																													

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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CHAIN OF CUSTODY RECORD

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ F2 - F4	☐ Dissolved Mercury	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ TSS	☐ Sulphate	☐ BOD	☐ COD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 16138	☑ Moisture Content	☑ Lipid Content	☑ LLD - DO NOT ANALYZE
1 KVS-C01 Meat			Tissue	1													X															X	X	X	X	X	X
2 KVS-C02 Meat			Tissue	1													X															X	X	X	X	X	X
3 KVS-C03 Meat			Tissue	1													X															X	X	X	X	X	X
4 KVS-C04 Meat			Tissue	1													X															X	X	X	X	X	X
5 KVS-C05 Meat			Tissue	1													X															X	X	X	X	X	X
6 KVS-C06 Meat			Tissue	1													X															X	X	X	X	X	X
7 KVS-C07 Meat			Tissue	1													X															X	X	X	X	X	X
8 KVS-C08 Meat			Tissue	1													X															X	X	X	X	X	X
9 KVS-C09 Meat			Tissue	1													X															X	X	X	X	X	X
10 KVS-C10 Meat			Tissue	1													X															X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	VOC / BTEXS / VPH	MTBE	VOC / BTEX / F1	LEPH / HEPH / PAH	F2 - F4	Preserved?	Preserved?	Field Preserved?	Field Preserved?	Sulphate	COD	Alkalinity	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
					BTEXS / VPH		BTEX F1	PAH	EPH	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite						
1 KVS-C11 Meat			Tissue	1								X						X	X	X	X	X	X
2 KVS-C12 Meat			Tissue	1								X						X	X	X	X	X	X
3 KVS-C14 Meat			Tissue	1								X						X	X	X	X	X	X
4 KVS-C17 Meat			Tissue	1								X						X	X	X	X	X	X
5 KVS-C21 Meat			Tissue	1								X						X	X	X	X	X	X
6																							
7																							
8																							
9																							
10																							

Regulatory Criteria

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH / HEPH / PAH	☐ EPH	☐ F2 - F4	☐ Dissolved Metals	☐ Preserved?	☐ Dissolved Mercury	☐ Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ TSS	☐ TDS	☐ pH	☐ Conductivity	☐ Nitrite	☐ Nitrate	☐ Sulphate	☐ COD	☐ BOD	☐ Alkalinity	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☐ LD - DO NOT ANALYZE
1	KILD-C01 Meat			Tissue	1													X																	X	X	X	X	X	X
2	KILD-C02 Meat			Tissue	1													X																	X	X	X	X	X	X
3	KILD-C03 Meat			Tissue	1													X																	X	X	X	X	X	X
4	KILD-C04 Meat			Tissue	1													X																	X	X	X	X	X	X
5	KILD-C05 Meat			Tissue	1													X																	X	X	X	X	X	X
6	KILD-C06 Meat			Tissue	1													X																	X	X	X	X	X	X
7	KILD-C08 Meat			Tissue	1													X																	X	X	X	X	X	X
8	KILD-C09 Meat			Tissue	1													X																	X	X	X	X	X	X
9	KILD-C10 Meat			Tissue	1													X																	X	X	X	X	X	X
10	KILD-C11 Meat			Tissue	1													X																	X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required	
Company:	Stantec Consulting	Company:		Quotation		☐ 5 - 7 Days Regular (Most analyses)	
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID			
Seal Present						
Seal Intact			Temp			
Cooling Media						
	YES	NO	Cooler ID			
Seal Present						
Seal Intact			Temp			
Cooling Media						
	YES	NO	Cooler ID			
Seal Present						
Seal Intact			Temp			
Cooling Media						

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☐ Moisture Content	☐ Lipid Content	☐ LD - DO NOT ANALYZE
1	KILD-C12 Meat			Tissue	1																	X	X																X	X	X	X	X	X
2	KILD-C13 Meat			Tissue	1																	X	X																X	X	X	X	X	X
3	KILD-C14 Meat			Tissue	1																	X	X																X	X	X	X	X	X
4	KILD-C15 Meat			Tissue	1																	X	X																X	X	X	X	X	X
5	KILD-C16 Meat			Tissue	1																	X	X																X	X	X	X	X	X
6																																													
7																																													
8																																													
9																																													
10																																													

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ BTEX F1	☐ PAH	☐ EPH	☐ MTBE	☐ VOC / BTEX / F1	☐ LEPH / HEPH / PAH	☐ TEH	☐ F2 - F4	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Preserved?	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	LNGC-C02 Hepato			Tissue	1																																		X		X	X	X	
2	LNGC-C06 Hepato			Tissue	1																																		X		X	X	X	- All samples on hold.
3	LNGC-C08 Hepato			Tissue	1																																	X		X	X	X	- The analyses indicated will apply
4	LNGC-C13 Hepato			Tissue	1																																	X		X	X	X	after the hold is released.
5	LNGC-C18 Hepato			Tissue	1																																	X		X	X	X	- Report as wet wet concentrations
6	LNGC-C21 Hepato			Tissue	1																																	X		X	X	X	- Report the individual congeners of
7	LNGC-C25 Hepato			Tissue	1																																	X		X	X	X	toxic/carcinogenic PAH, PCB, dioxins
8	LNGC-C28 Hepato			Tissue	1																																	X		X	X	X	and furans
9	LNGC-C29 Hepato			Tissue	1																																	X		X	X	X	- Prioritize lowering the detection
10	LNGC-C30 Hepato			Tissue	1																																	X		X	X	X	limits for PAH, PCB, and dioxins as

Regulatory Criteria: ☐ BC CSR ☐ YK CSR ☐ CCME ☐ Drinking Water ☐ BC Water Quality ☐ Other

Analysis Requested

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	LNGC-C34 Hepato			Tissue	1																																			X		X	X	X
2	LNGC-C36 Hepato			Tissue	1																																			X		X	X	X
3	LNGC-C45 Hepato			Tissue	1																																			X		X	X	X
4	LNGC-C53 Hepato			Tissue	1																																			X		X	X	X
5	LNGC-C61 Hepato			Tissue	1																																			X		X	X	X
6	RT-C34 Hepato			Tissue	1																																			X		X	X	X
7	RT-C35 Hepato			Tissue	1																																			X		X	X	X
8	RT-C36 Hepato			Tissue	1																																			X		X	X	X
9	RT-C37 Hepato			Tissue	1																																			X		X	X	X
10	RT-C38 Hepato			Tissue	1																																			X		X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ EPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1 RT-C39 Hepato			Tissue	1																																			X		X	X	X	- All samples on hold.
2 RT-C40 Hepato			Tissue	1																																			X		X	X	X	- The analyses indicated will apply
3 RT-C41 Hepato			Tissue	1																																		X		X	X	X	after the hold is released.
4 RT-C42 Hepato			Tissue	1																																		X		X	X	X	- Report as wet wet concentrations
5 RT-C43 Hepato			Tissue	1																																		X		X	X	X	- Report the individual congeners of
6 RT-C44 Hepato			Tissue	1																																		X		X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7 RT-C45 Hepato			Tissue	1																																		X		X	X	X	and furans
8 RT-C46 Hepato			Tissue	1																																		X		X	X	X	- Prioritize lowering the detection
9 RT-C48 Hepato			Tissue	1																																		X		X	X	X	limits for PAH, PCB, and dioxins as
10 RT-C49 Hepato			Tissue	1																																		X		X	X	X	discussed w/Barry Loescher

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ TEH	☐ EPH	☐ F2 - F4	☐ Filtered?	☐ Preserved?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	KILD-C07 Hepato			Tissue	1																																X		X	X	X	- All samples on hold.
2	KILD-C08 Hepato			Tissue	1																																X		X	X	X	- The analyses indicated will apply
3	KILD-C09 Hepato			Tissue	1																																X		X	X	X	after the hold is released.
4	KILD-C10 Hepato			Tissue	1																																X		X	X	X	- Report as wet wet concentrations
5	KILD-C13 Hepato			Tissue	1																																X		X	X	X	- Report the individual congeners of
6	KILD-C26 Hepato			Tissue	1																																X		X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	KILD-C30 Hepato			Tissue	1																																X		X	X	X	and furans
8	KILD-C32 Hepato			Tissue	1																																X		X	X	X	- Prioritize lowering the detection
9	KILD-C35 Hepato			Tissue	1																																X		X	X	X	limits for PAH, PCB, and dioxins as
10	KILD-C44 Hepato			Tissue	1																																X		X	X	X	discussed w/Barry Loescher

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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required	
Company:	Stantec Consulting	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)	
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	A CTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	A CTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	A CTR
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEX / VPH	VOC / BTEX / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	Sulphate	TSS	TDS	COD	BOD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
1 KILD-C45 Hepato			Tissue	1																																		X		X	X	X
2 KILD-C46 Hepato			Tissue	1																																		X		X	X	X
3 KILD-C47 Hepato			Tissue	1																																		X		X	X	X
4 KILD-C52 Hepato			Tissue	1																																		X		X	X	X
5 KILD-C54 Hepato			Tissue	1																																		X		X	X	X
6 KVS-C01 Hepato			Tissue	1																																		X		X	X	X
7 KVS-C12 Hepato			Tissue	1																																		X		X	X	X
8 KVS-C18 Hepato			Tissue	1																																		X		X	X	X
9 KVS-C19 Hepato			Tissue	1																																		X		X	X	X
10 KVS-C28 Hepato			Tissue	1																																		X		X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
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- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

B873059_COC

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Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Toll Free (800) 665 8566
Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEX / VPH	☐ BTEX / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ TEH	☐ EPH	☐ F2 - F4	☐ Preserved?	☐ Dissolved Metals	☐ Preserved?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	KVS-C32 Hepato			Tissue	1																																X		X	X	X
2	KVS-C34 Hepato			Tissue	1																																X		X	X	X
3	KVS-C37 Hepato			Tissue	1																																X		X	X	X
4																																										
5																																										
6																																										
7																																										
8																																										
9																																										
10																																										

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 Harbour-Sole-01			Tissue	1																X																	X	X	X	X	X	X
2 Harbour-Sole-02			Tissue	1																X																	X	X	X	X	X	X
3 Harbour-Sole-03			Tissue	1																X																	X	X	X	X	X	X
4 Harbour-Sole-04			Tissue	1																X																	X	X	X	X	X	X
5 Harbour-Sole-05			Tissue	1																X																	X	X	X	X	X	X
6 Harbour-Sole-06			Tissue	1																X																	X	X	X	X	X	X
7 Harbour-Sole-07			Tissue	1																X																	X	X	X	X	X	X
8 Harbour-Sole-08			Tissue	1																X																	X	X	X	X	X	X
9 Harbour-Sole-09			Tissue	1																X																	X	X	X	X	X	X
10 Harbour-Sole-10			Tissue	1																X																	X	X	X	X	X	X

Regulatory Criteria

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☐ YK CSR
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☐ Drinking Water
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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☑ Field Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 16138	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 Harbour-Sole-11			Tissue	1																	X																	X	X	X	X	X	X
2 Harbour-Sole-12			Tissue	1																	X																	X	X	X	X	X	X
3 Harbour-Sole-13			Tissue	1																	X																	X	X	X	X	X	X
4 Harbour-Sole-14			Tissue	1																	X																	X	X	X	X	X	X
5 Harbour-Sole-15			Tissue	1																	X																	X	X	X	X	X	X
6																																												
7																																												
8																																												
9																																												
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	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
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Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 16138	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1 KV-Sole-01			Tissue	1																	X																	X	X	X	X	X	X
2 KV-Sole-02			Tissue	1																	X																	X	X	X	X	X	X
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7 KV-Sole-07			Tissue	1																	X																	X	X	X	X	X	X
8 KV-Sole-08			Tissue	1																	X																	X	X	X	X	X	X
9 KV-Sole-09			Tissue	1																	X																	X	X	X	X	X	X
10 KV-Sole-10			Tissue	1																	X																	X	X	X	X	X	X

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Seal Intact			Temp	ACTR
Cooling Media				
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Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
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Seal Present				
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Cooling Media				

Depot Reception

Analysis Requested

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2 KV-Sole-12			Tissue	1																	X																	X	X	X	X	X	X
3 KV-Sole-13			Tissue	1																	X																	X	X	X	X	X	X
4 KV-Sole-14			Tissue	1																	X																	X	X	X	X	X	X
5 KV-Sole-15			Tissue	1																	X																	X	X	X	X	X	X
6																																												
7																																												
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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTK
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTK
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTK
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEX / VPH	☐ VOC / BTEX / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ F2 - F4	☐ TEH	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Preserved?	☐ Filtered?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ COD	☐ TDS	☐ BOD	☐ pH	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ ID - DO NOT ANALYZE
1 KArm-Sole-01			Tissue	1																	X															X	X	X	X	X	X
2 KArm-Sole-02			Tissue	1																	X															X	X	X	X	X	X
3 KArm-Sole-03			Tissue	1																	X															X	X	X	X	X	X
4 KArm-Sole-04			Tissue	1																	X															X	X	X	X	X	X
5 KArm-Sole-05			Tissue	1																	X															X	X	X	X	X	X
6 KArm-Sole-06			Tissue	1																	X															X	X	X	X	X	X
7 KArm-Sole-07			Tissue	1																	X															X	X	X	X	X	X
8 KArm-Sole-08			Tissue	1																	X															X	X	X	X	X	X
9 KArm-Sole-09			Tissue	1																	X															X	X	X	X	X	X
10 KArm-Sole-10			Tissue	1																	X															X	X	X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ Preserved?	☐ Filtered?	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☑ PCB - HRMS - US EPA 1668A	☑ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE
1	KArm-Sole-11			Tissue	1																		X																X	X	X	X	X	X
2	KArm-Sole-12			Tissue	1																		X																X	X	X	X	X	X
3	KArm-Sole-13			Tissue	1																		X																X	X	X	X	X	X
4	KArm-Sole-14			Tissue	1																		X																X	X	X	X	X	X
5	KArm-Sole-15			Tissue	1																		X																X	X	X	X	X	X
6																																													
7																																													
8																																													
9																																													
10																																													

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present			Temp: A CTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp: A CTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp: A CTR	
Seal Intact				
Cooling Media				

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Sulphate	Fluoride	TSS	TDS	COD	BOD	pH	Alkalinity	Conductivity	Nitrite	Ammonia	Nitrate	(LD - DO NOT ANALYZE)	Special Instructions
1	LNGC-C01 Gill			Tissue	1																																	X	Crab gills for long-term storage.
2	LNGC-C02 Gill			Tissue	1																																	X	
3	LNGC-C03 Gill			Tissue	1																																	X	Store at -20C for up to 1 year.
4	LNGC-C04 Gill			Tissue	1																																	X	Dispose by November 1, 2019
5	LNGC-C05 Gill			Tissue	1																																	X	
6	LNGC-C06 Gill			Tissue	1																																	X	
7	LNGC-C07 Gill			Tissue	1																																	X	
8	LNGC-C08 Gill			Tissue	1																																	X	
9	LNGC-C09 Gill			Tissue	1																																	X	
10	LNGC-C10 Gill			Tissue	1																																	X	

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Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	ACTR
Seal Intact				
Cooling Media				

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ LEPH / HEPH / PAH	☐ F2 - F4	☐ Preserved?	☐ Preserved?	☐ Field Preserved?	☐ Field Preserved?	☐ Sulphate	☐ COD	☐ Alkalinity	☐ Ammonia						☐ LD - DO NOT ANALYZE	Special Instructions
						☐ BTEXS / VPH	☐ BTEX F1	☐ PAH	☐ EPH	☐ TEH	☐ Filtered?	☐ Filtered?	☐ Total Metals	☐ Total Mercury	☐ Fluoride	☐ BOD	☐ Conductivity	☐ Nitrate								
						☐ Dissolved Metals	☐ Dissolved Mercury	☐ Chloride	☐ TSS	☐ pH	☐ Nitrite														
1	LNGC-C11 Gill			Tissue	1																			X	Crab gills for long-term storage.
2	LNGC-C12 Gill			Tissue	1																			X	
3	LNGC-C13 Gill			Tissue	1																			X	Store at -20C for up to 1 year.
4	LNGC-C14 Gill			Tissue	1																			X	Dispose by November 1, 2019
5	LNGC-C15 Gill			Tissue	1																			X	
6	LNGC-C16 Gill			Tissue	1																			X	
7	LNGC-C17 Gill			Tissue	1																			X	
8	LNGC-C18 Gill			Tissue	1																			X	
9	LNGC-C19 Gill			Tissue	1																			X	
10	LNGC-C20 Gill			Tissue	1																			X	

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

| | Sample Identification | Date Sampled (yyyy/mm/dd) | Time Sampled (hh:mm) | Matrix | # of Containers | ☐ BTEXS / VPH | ☐ VOC / BTEXS / VPH | ☐ BTEX F1 | ☐ VOC / BTEX / F1 | ☐ PAH | ☐ LEPH / HEPH / PAH | ☐ EPH | ☐ TEH | ☐ F2 - F4 | ☐ Dissolved Metals | ☐ Filtered? | ☐ Dissolved Mercury | ☐ Filtered? | ☐ Total Metals | ☐ Field Preserved? | ☐ Total Mercury | ☐ Field Preserved? | ☐ Chloride | ☐ Fluoride | ☐ TSS | ☐ TDS | ☐ pH | ☐ BOD | ☐ Nitrite | ☐ Conductivity | ☐ Sulphate | ☐ COD | ☐ Alkalinity | ☐ Nitrate | ☐ Ammonia | ☐ | ☐ | ☐

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ TDS	☐ Fluoride	☐ pH	☐ COD	☐ BOD	☐ Alkalinity	☐ Conductivity	☐ Ammonia	☐ Nitrite	☐ Nitrate	☐ LD - DO NOT ANALYZE	Special Instructions
1	RT-C11 Gill			Tissue	1																																X	Crab gills for long-term storage.
2	RT-C12 Gill			Tissue	1																																X	
3	RT-C13 Gill			Tissue	1																																X	Store at -20C for up to 1 year.
4	RT-C14 Gill			Tissue	1																																X	Dispose by November 1, 2019
5	RT-C15 Gill			Tissue	1																																X	
6	RT-C16 Gill			Tissue	1																																X	
7	RT-C17 Gill			Tissue	1																																X	
8	RT-C18 Gill			Tissue	1																																X	
9	RT-C19 Gill			Tissue	1																																X	
10	RT-C20 Gill			Tissue	1																																X	

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	A	CTR
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	LEPH / HEPH / PAH	PAH	F2 - F4	EPH	TEH	Preserved?	Filtered?	Dissolved Metals	Preserved?	Filtered?	Dissolved Mercury	Field Preserved?	Total Metals	Field Preserved?	Total Mercury	Sulphate	Fluoride	Chloride	COD	BOD	TDS	Alkalinity	Conductivity	pH	Ammonia	Nitrate	Nitrite	LD - DO NOT ANALYZE
1 KILD-C01 Gill			Tissue	1																																X
2 KILD-C02 Gill			Tissue	1																																X
3 KILD-C03 Gill			Tissue	1																																X
4 KILD-C04 Gill			Tissue	1																																X
5 KILD-C05 Gill			Tissue	1																																X
6 KILD-C06 Gill			Tissue	1																																X
7 KILD-C07 Gill			Tissue	1																																X
8 KILD-C08 Gill			Tissue	1																																X
9 KILD-C09 Gill			Tissue	1																																X
10 KILD-C10 Gill			Tissue	1																																X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

1	Crab gills for long-term storage.
2	
3	Store at -20C for up to 1 year.
4	Dispose by November 1, 2019
5	
6	
7	
8	
9	
10	

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Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required	
Company :	Stantec Consulting	Company:		Quotation		☐ 5 - 7 Days Regular (Most analyses)	
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	BTEX F1	PAH	EPH	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	LD - DO NOT ANALYZE	Special Instructions
1	KILD-C11 Gill			Tissue	1													X	Crab gills for long-term storage.
2	KILD-C12 Gill			Tissue	1													X	
3	KILD-C13 Gill			Tissue	1													X	Store at -20C for up to 1 year.
4	KILD-C14 Gill			Tissue	1													X	Dispose by November 1, 2019
5	KILD-C15 Gill			Tissue	1													X	
6	KILD-C16 Gill			Tissue	1													X	
7	KILD-C17 Gill			Tissue	1													X	
8	KILD-C18 Gill			Tissue	1													X	
9	KILD-C19 Gill			Tissue	1													X	
10	KILD-C20 Gill			Tissue	1													X	

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Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Preserved?	Filtered?	Dissolved Mercury	Preserved?	Filtered?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Sulphate	Fluoride	TSS	COD	TDS	BOD	pH	Alkalinity	Conductivity	Ammonia	Nitrite	Nitrate	LD - DO NOT ANALYZE
1 KVS-C01 Gill			Tissue	1																																	X
2 KVS-C02 Gill			Tissue	1																																	X
3 KVS-C03 Gill			Tissue	1																																	X
4 KVS-C04 Gill			Tissue	1																																	X
5 KVS-C05 Gill			Tissue	1																																	X
6 KVS-C06 Gill			Tissue	1																																	X
7 KVS-C07 Gill			Tissue	1																																	X
8 KVS-C08 Gill			Tissue	1																																	X
9 KVS-C09 Gill			Tissue	1																																	X
10 KVS-C10 Gill			Tissue	1																																	X

Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Special Instructions

1 Crab gills for long-term storage.
2
3 Store at -20C for up to 1 year.
4 Dispose by November 1, 2019
5
6
7
8
9
10

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	Sulphate	TSS	TDS	BOD	COD	pH	Alkalinity	Nitrite	Nitrate	Conductivity	Ammonia	LD - DO NOT ANALYZE	Special Instructions
1 KVS-C11 Gill			Tissue	1																																X	Crab gills for long-term storage.
2 KVS-C12 Gill			Tissue	1																																X	
3 KVS-C13 Gill			Tissue	1																																X	Store at -20C for up to 1 year.
4 KVS-C14 Gill			Tissue	1																																X	Dispose by November 1, 2019
5 KVS-C15 Gill			Tissue	1																																X	
6 KVS-C16 Gill			Tissue	1																																X	
7 KVS-C17 Gill			Tissue	1																																X	
8 KVS-C21 Gill			Tissue	1																																X	
9 KVS-C25 Gill			Tissue	1																																X	
10 KVS-C27 Gill			Tissue	1																																X	

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Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Preserved?	Filtered?	Dissolved Mercury	Preserved?	Filtered?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	Sulphate	TSS	TDS	BOD	COD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	HOLD - DO NOT ANALYZE	Special Instructions
1 LNGC-F02 Kidney			Tissue	1																																X	Sole kidney for long term storage
2 LNGC-F03 Kidney			Tissue	1																																X	
3 LNGC-F04 Kidney			Tissue	1																																X	Store at -20C for up to 1 year.
4 LNGC-F05 Kidney			Tissue	1																																X	Dispose by November 1, 2019
5 LNGC-F06 Kidney			Tissue	1																																X	
6 LNGC-F07 Kidney			Tissue	1																																X	*There is no LNGC-F01. It was used
7 LNGC-F08 Kidney			Tissue	1																																X	for dissection demonstration and
8 LNGC-F09 Kidney			Tissue	1																																X	no tissues were retained.
9 LNGC-F10 Kidney			Tissue	1																																X	
10 LNGC-F11 Kidney			Tissue	1																																X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEX / VPH	☐ VOC / BTEX / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Preserved?	☐ Dissolved Mercury	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Ammonia	☐ Nitrate	☐	☐	☐	☐	☐	☐ LD - DO NOT ANALYZE	Special Instructions
1 LNGC-F12 Kidney			Tissue	1																																			X	Sole kidney for long term storage
2 LNGC-F13 Kidney			Tissue	1																																			X	
3 LNGC-F14 Kidney			Tissue	1																																			X	Store at -20C for up to 1 year.
4 LNGC-F15 Kidney			Tissue	1																																			X	Dispose by November 1, 2019
5 LNGC-F16 Kidney			Tissue	1																																			X	
6 LNGC-F17 Kidney			Tissue	1																																			X	
7 LNGC-F18 Kidney			Tissue	1																																			X	
8 LNGC-F19 Kidney			Tissue	1																																			X	
9 LNGC-F20 Kidney			Tissue	1																																			X	
10																																								

Regulatory Criteria

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☐ YK CSR
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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	Temp
Seal Present				
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	Temp
Seal Present				
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	Temp
Seal Present				
Seal Intact				
Cooling Media				

Depot Reception: ACTR / ACTR / ACTR

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ BOD	☐ pH	☐ Conductivity	☐ COD	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☐	☐	☐	☐	☐	☐	☐ LD - DO NOT ANALYZE	Special Instructions
1 RT-F01 Kidney			Tissue	1																																					X	Sole kidney for long term storage
2 RT-F02 Kidney			Tissue	1																																					X	
3 RT-F03 Kidney			Tissue	1																																					X	Store at -20C for up to 1 year.
4 RT-F04 Kidney			Tissue	1																																					X	Dispose by November 1, 2019
5 RT-F05 Kidney			Tissue	1																																					X	
6 RT-F06 Kidney			Tissue	1																																					X	
7 RT-F07 Kidney			Tissue	1																																					X	
8 RT-F08 Kidney			Tissue	1																																					X	
9 RT-F09 Kidney			Tissue	1																																					X	
10 RT-F10 Kidney			Tissue	1																																					X	

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Regulatory Criteria: ☐ BC CSR ☐ YK CSR ☐ CCME ☐ Drinking Water ☐ BC Water Quality ☐ Other

Special Instructions

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Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ Conductivity	☐ pH	☐ Alkalinity	☐ Nitrite	☐ Ammonia	☐ Nitrate	☐	☐	☐	☐	☐	☐	☐ HOLD - DO NOT ANALYZE	Special Instructions
1 RT-F11 Kidney			Tissue	1																																						X	Sole kidney for long term storage
2 RT-F12 Kidney			Tissue	1																																						X	
3 RT-F13 Kidney			Tissue	1																																						X	Store at -20C for up to 1 year.
4 RT-F14 Kidney			Tissue	1																																						X	Dispose by November 1, 2019
5 RT-F15 Kidney			Tissue	1																																						X	
6 RT-F16 Kidney			Tissue	1																																						X	
7 RT-F17 Kidney			Tissue	1																																						X	
8 RT-F18 Kidney			Tissue	1																																						X	
9 RT-F19 Kidney			Tissue	1																																						X	
10 RT-F20 Kidney			Tissue	1																																						X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company :	Stantec Consulting	Company:		Quotation		☐ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

| | Sample Identification | Date Sampled (yyyy/mm/dd) | Time Sampled (hh:mm) | Matrix | # of Containers | ☐ BTEX/VPH | ☐ VOC / BTEX / VPH | ☐ BTEX F1 | ☐ VOC / BTEX / F1 | ☐ PAH | ☐ LEPH / HEPH / PAH | ☐ EPH | ☐ TEH | ☐ Dissolved Metals | ☐ F2 - F4 | ☐ Dissolved Mercury | ☐ Preserved? | ☐ Total Metals | ☐ Filtered? | ☐ Total Mercury | ☐ Preserved? | ☐ Chloride | ☐ Sulphate | ☐ TSS | ☐ Fluoride | ☐ TDS | ☐ COD | ☐ BOD | ☐ pH | ☐ Alkalinity | ☐ Conductivity | ☐ Nitrite | ☐ Ammonia | ☐ Nitrate | ☐ | ☐ | ☐

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Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH / HEPH / PAH	☐ EPH	☐ F2 - F4	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Preserved?	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☐ KLD - DO NOT ANALYZE	Special Instructions
1 KILD-F11 Kidney			Tissue	1																																X	Sole kidney for long term storage
2 KILD-F12 Kidney			Tissue	1																																X	
3 KILD-F13 Kidney			Tissue	1																																X	Store at -20C for up to 1 year.
4 KILD-F14 Kidney			Tissue	1																																X	Dispose by November 1, 2019
5 KILD-F15 Kidney			Tissue	1																																X	
6 KILD-F16 Kidney			Tissue	1																																X	
7 KILD-F17 Kidney			Tissue	1																																X	
8 KILD-F18 Kidney			Tissue	1																																X	
9 KILD-F19 Kidney			Tissue	1																																X	
10 KILD-F20 Kidney			Tissue	1																																X	

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Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

COC-1020

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Alkalinity	☐ Nitrite	☐ Conductivity	☐ Ammonia	☐ Nitrate	☐ LD - DO NOT ANALYZE	Special Instructions
1 KVS-F01 Kidney			Tissue	1																																		X	Sole kidney for long term storage
2 KVS-F02 Kidney			Tissue	1																																		X	
3 KVS-F03 Kidney			Tissue	1																																		X	Store at -20C for up to 1 year.
4 KVS-F04 Kidney			Tissue	1																																		X	Dispose by November 1, 2019
5 KVS-F05 Kidney			Tissue	1																																		X	
6 KVS-F06 Kidney			Tissue	1																																		X	
7 KVS-F07 Kidney			Tissue	1																																		X	
8 KVS-F08 Kidney			Tissue	1																																		X	
9 KVS-F09 Kidney			Tissue	1																																		X	
10 KVS-F10 Kidney			Tissue	1																																		X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

| Sample Identification | Date Sampled (yyyy/mm/dd) | Time Sampled (hh:mm) | Matrix | # of Containers | BTEX / VPH | PAH | EPH | Dissolved Metals | Dissolved Mercury | Total Metals | Total Mercury | Chloride | TSS | pH | Nitrite | VOC / BTEX / VPH | VOC / BTEX / F1 | LEPH / HEPH / PAH | TEH | Filtered? | Filtered? | Field Preserved? | Field Preserved? | Fluoride | TDS | Conductivity | Nitrate | MTBE | BTEX F1 | F2 - F4 | Preserved? | Preserved? | Sulphate | COD | BOD | Alkalinity | Ammonia | | | | |

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Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ EPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ F2 - F4	☐ Dissolved Mercury	☐ Preserved?	☐ Total Metals	☐ Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ Fluoride	☐ COD	☐ pH	☐ TDS	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Ammonia	☐ Nitrate	☐	☐	☐	☐	☐	☐	☐ LD - DO NOT ANALYZE	Special Instructions
1 LNGC-F02 Liver			Tissue	1																																			X	Sole liver for long term storage
2 LNGC-F03 Liver			Tissue	1																																			X	
3 LNGC-F04 Liver			Tissue	1																																			X	Store at -20C for up to 1 year.
4 LNGC-F05 Liver			Tissue	1																																			X	Dispose by November 1, 2019
5 LNGC-F06 Liver			Tissue	1																																			X	
6 LNGC-F07 Liver			Tissue	1																																			X	*There is no LNGC-F01. It was used
7 LNGC-F08 Liver			Tissue	1																																			X	for dissection demonstration and
8 LNGC-F09 Liver			Tissue	1																																			X	no tissues were retained.
9 LNGC-F10 Liver			Tissue	1																																			X	
10 LNGC-F11 Liver			Tissue	1																																			X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

| Sample Identification | Date Sampled (yyyy/mm/dd) | Time Sampled (hh:mm) | Matrix | # of Containers | ☐ BTEXS / VPH | ☐ VOC / BTEXS / VPH | ☐ MTBE | ☐ BTEX F1 | ☐ VOC / BTEX / F1 | ☐ PAH | ☐ LEPH / HEPH / PAH | ☐ EPH | ☐ TEH | ☐ F2 - F4 | ☐ Dissolved Metals | ☐ Filtered? | ☐ Preserved? | ☐ Dissolved Mercury | ☐ Filtered? | ☐ Preserved? | ☐ Total Metals | ☐ Field Preserved? | ☐ Total Mercury | ☐ Field Preserved? | ☐ Chloride | ☐ Fluoride | ☐ Sulphate | ☐ TSS | ☐ TDS | ☐ COD | ☐ BOD | ☐ pH | ☐ Alkalinity | ☐ Conductivity | ☐ Nitrite | ☐ Nitrate | ☐ Ammonia | ☐ | ☐ | ☐

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present			Temp A/CTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp A/CTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp A/CTR	
Seal Intact				
Cooling Media				

Analysis Requested

Regulatory Criteria
- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ MTBE	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ F2 - F4	☐ TEH	☐ EPH	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Field Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☐ LD - DO NOT ANALYZE	Special Instructions
1	RT-F01 Liver			Tissue	1																																	X	Sole liver for long term storage
2	RT-F02 Liver			Tissue	1																																	X	
3	RT-F03 Liver			Tissue	1																																	X	Store at -20C for up to 1 year.
4	RT-F04 Liver			Tissue	1																																	X	Dispose by November 1, 2019
5	RT-F05 Liver			Tissue	1																																	X	
6	RT-F06 Liver			Tissue	1																																	X	
7	RT-F07 Liver			Tissue	1																																	X	
8	RT-F08 Liver			Tissue	1																																	X	
9	RT-F09 Liver			Tissue	1																																	X	
10	RT-F10 Liver			Tissue	1																																	X	

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	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

| | Sample Identification | Date Sampled (yyyy/mm/dd) | Time Sampled (hh:mm) | Matrix | # of Containers | ☐ BTEXS / VPH | ☐ VOC / BTEXS / VPH | ☐ MTBE | ☐ BTEX F1 | ☐ VOC / BTEX / F1 | ☐ PAH | ☐ LEPH / HEPH / PAH | ☐ EPH | ☐ TEH | ☐ F2 - F4 | ☐ Dissolved Metals | ☐ Filtered? | ☐ Preserved? | ☐ Dissolved Mercury | ☐ Filtered? | ☐ Preserved? | ☐ Total Metals | ☐ Field Preserved? | ☐ Total Mercury | ☐ Field Preserved? | ☐ Chloride | ☐ Fluoride | ☐ Sulphate | ☐ TSS | ☐ TDS | ☐ COD | ☐ BOD | ☐ pH | ☐ Alkalinity | ☐ Conductivity | ☐ Nitrite | ☐ Ammonia | ☐ Nitrate | ☐ | ☐ | ☐

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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEX / VPH	VOC / BTEX / VPH	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	F2 - F4	TEH	Dissolved Metals	Filtered?	Dissolved Mercury	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Sulphate	Fluoride	TSS	BOD	COD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	DO NOT ANALYZE	Special Instructions
1 KILD-F01 Liver			Tissue	1																													X	Sole liver for long term storage
2 KILD-F02 Liver			Tissue	1																													X	
3 KILD-F03 Liver			Tissue	1																													X	Store at -20C for up to 1 year.
4 KILD-F04 Liver			Tissue	1																													X	Dispose by November 1, 2019
5 KILD-F05 Liver			Tissue	1																													X	
6 KILD-F06 Liver			Tissue	1																													X	
7 KILD-F07 Liver			Tissue	1																													X	
8 KILD-F08 Liver			Tissue	1																													X	
9 KILD-F09 Liver			Tissue	1																													X	
10 KILD-F10 Liver			Tissue	1																													X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

COC-1020

B873059_COC

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CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company:	Stantec Consulting	Company:		Quotation		☐ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	AC	TR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	AC	TR
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	AC	TR
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Alkalinity	☐ Conductivity	☐ Nitrite	☐ Ammonia	☐ Nitrate	☐ LID - DO NOT ANALYZE	Special Instructions
1 KILD-F11 Liver			Tissue	1																																		X	Sole liver for long term storage
2 KILD-F12 Liver			Tissue	1																																		X	
3 KILD-F13 Liver			Tissue	1																																		X	Store at -20C for up to 1 year.
4 KILD-F14 Liver			Tissue	1																																		X	Dispose by November 1, 2019
5 KILD-F15 Liver			Tissue	1																																		X	
6 KILD-F16 Liver			Tissue	1																																		X	
7 KILD-F17 Liver			Tissue	1																																		X	
8 KILD-F18 Liver			Tissue	1																																		X	
9 KILD-F19 Liver			Tissue	1																																		X	
10 KILD-F20 Liver			Tissue	1																																		X	

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Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:13	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ F2 - F4	☐ Dissolved Mercury	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ TDS	☐ pH	☐ COD	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	KILD-C04 Hepato			Tissue	1													X														X			X	X	X	- All samples on hold.
2	KILD-C11 Hepato			Tissue	1													X														X			X	X	X	- The analyses indicated will apply
3	KILD-C15 Hepato			Tissue	1													X														X			X	X	X	after the hold is released.
4	KILD-C16 Hepato			Tissue	1													X														X			X	X	X	- Report as wet wet concentrations
5	KILD-C17 Hepato			Tissue	1													X														X			X	X	X	- Report the individual congeners of
6	KILD-C20 Hepato			Tissue	1													X														X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	KILD-C21 Hepato			Tissue	1													X														X			X	X	X	and furans
8	KILD-C28 Hepato			Tissue	1													X														X			X	X	X	- Prioritize lowering the detection
9	KILD-C29 Hepato			Tissue	1													X														X			X	X	X	limits for PAH, PCB, and dioxins as
10	KILD-C33 Hepato			Tissue	1													X														X			X	X	X	discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☐ Preserved?	☐ Filtered?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☐ LD - DO NOT ANALYZE
1 LNGC-C39 Hepato			Tissue	1																	X																	X			X	X	X
2 LNGC-C40 Hepato			Tissue	1																	X																	X			X	X	X
3 LNGC-C50 Hepato			Tissue	1																	X																	X			X	X	X
4 LNGC-C56 Hepato			Tissue	1																	X																	X			X	X	X
5 LNGC-C60 Hepato			Tissue	1																	X																	X			X	X	X
6 RT-C03 Hepato			Tissue	1																	X																	X			X	X	X
7 RT-C09 Hepato			Tissue	1																	X																	X			X	X	X
8 RT-C11 Hepato			Tissue	1																	X																	X			X	X	X
9 RT-C18 Hepato			Tissue	1																	X																	X			X	X	X
10 RT-C21 Hepato			Tissue	1																	X																	X			X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ F2 - F4	☐ Dissolved Metals	☐ Preserved?	☐ Dissolved Mercury	☐ Preserved?	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Sulphate	☐ TSS	☐ COD	☐ pH	☐ Alkalinity	☐ Nitrite	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	RT-C24 Hepato			Tissue	1													X											X			X	X	X	- All samples on hold.
2	RT-C25 Hepato			Tissue	1													X											X			X	X	X	- The analyses indicated will apply
3	RT-C26 Hepato			Tissue	1													X											X			X	X	X	after the hold is released.
4	RT-C27 Hepato			Tissue	1													X											X			X	X	X	- Report as wet wet concentrations
5	RT-C28 Hepato			Tissue	1													X											X			X	X	X	- Report the individual congeners of
6	RT-C29 Hepato			Tissue	1													X											X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	RT-C30 Hepato			Tissue	1													X											X			X	X	X	and furans
8	RT-C31 Hepato			Tissue	1													X											X			X	X	X	- Prioritize lowering the detection
9	RT-C32 Hepato			Tissue	1													X											X			X	X	X	limits for PAH, PCB, and dioxins as
10	RT-C33 Hepato			Tissue	1													X											X			X	X	X	discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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CHAIN OF CUSTODY RECORD

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Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp	A CTR
Seal Intact				
Cooling Media				

Depot Reception

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ Dissolved Metals	☐ Filtered?	☐ Dissolved Mercury	☐ Filtered?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ TSS	☐ TDS	☐ pH	☐ Conductivity	☐ Nitrite	☐ Nitrate	☐ Alkalinity	☐ Ammonia	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	KILD-C36 Hepato			Tissue	1													X													X			X	X	X	- All samples on hold.
2	KILD-C40 Hepato			Tissue	1													X													X			X	X	X	- The analyses indicated will apply
3	KILD-C48 Hepato			Tissue	1													X													X			X	X	X	after the hold is released.
4	KILD-C49 Hepato			Tissue	1													X													X			X	X	X	- Report as wet wet concentrations
5	KILD-C50 Hepato			Tissue	1													X													X			X	X	X	- Report the individual congeners of
6	KVS-C02 Hepato			Tissue	1													X													X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	KVS-C05 Hepato			Tissue	1													X													X			X	X	X	and furans
8	KVS-C06 Hepato			Tissue	1													X													X			X	X	X	- Prioritize lowering the detection
9	KVS-C07 Hepato			Tissue	1													X													X			X	X	X	limits for PAH, PCB, and dioxins as
10	KVS-C09 Hepato			Tissue	1													X													X			X	X	X	discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	EPH	LEPH / HEPH / PAH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Sulphate	TSS	TDS	COD	BOD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
1 LNGC-C03 Hepato			Tissue	1																																		X	X	X	X
2 LNGC-C10 Hepato			Tissue	1																																		X	X	X	X
3 LNGC-C11 Hepato			Tissue	1																																		X	X	X	X
4 LNGC-C12 Hepato			Tissue	1																																		X	X	X	X
5 LNGC-C14 Hepato			Tissue	1																																		X	X	X	X
6 LNGC-C20 Hepato			Tissue	1																																		X	X	X	X
7 LNGC-C26 Hepato			Tissue	1																																		X	X	X	X
8 LNGC-C27 Hepato			Tissue	1																																		X	X	X	X
9 LNGC-C37 Hepato			Tissue	1																																		X	X	X	X
10 LNGC-C42 Hepato			Tissue	1																																		X	X	X	X

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

- All samples on hold.
- The analyses indicated will apply after the hold is released.
- Report as wet wet concentrations
- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

B873059_COC

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Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
maxxam.ca

CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company :	Stantec Consulting	Company:		Quotation		☐ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present			Temp	AC	TR
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	AC	TR
Seal Intact					
Cooling Media					
	YES	NO	Cooler ID		
Seal Present			Temp	AC	TR
Seal Intact					
Cooling Media					

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ BTEXS / VPH	☐ VOC / BTEXS / VPH	☐ MTBE	☐ BTEX F1	☐ VOC / BTEX / F1	☐ PAH	☐ LEPH / HEPH / PAH	☐ EPH	☐ TEH	☐ F2 - F4	☐ Dissolved Metals	☐ Filtered?	☐ Preserved?	☐ Dissolved Mercury	☐ Filtered?	☐ Preserved?	☐ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Field Preserved?	☐ Chloride	☐ Fluoride	☐ Sulphate	☐ TSS	☐ TDS	☐ COD	☐ BOD	☐ pH	☐ Conductivity	☐ Alkalinity	☐ Nitrite	☐ Nitrate	☐ Ammonia	☐ LD - DO NOT ANALYZE	Special Instructions
1	KVS-F01 Liver			Tissue	1																																	X	Sole liver for long term storage
2	KVS-F02 Liver			Tissue	1																																	X	
3	KVS-F03 Liver			Tissue	1																																	X	Store at -20C for up to 1 year.
4	KVS-F04 Liver			Tissue	1																																	X	Dispose by November 1, 2019
5	KVS-F05 Liver			Tissue	1																																	X	
6	KVS-F06 Liver			Tissue	1																																	X	
7	KVS-F07 Liver			Tissue	1																																	X	
8	KVS-F08 Liver			Tissue	1																																	X	
9	KVS-F09 Liver			Tissue	1																																	X	
10	KVS-F10 Liver			Tissue	1																																	X	

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Regulatory Criteria

- ☐ BC CSR
- ☐ YK CSR
- ☐ CCME
- ☐ Drinking Water
- ☐ BC Water Quality
- ☐ Other

Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07		

B873059_COC

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CHAIN OF CUSTODY RECORD

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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				
	YES	NO	Cooler ID	
Seal Present				
Seal Intact			Temp	ACTR
Cooling Media				

Depot Reception

Analysis Requested

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Dissolved Mercury	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	Sulphate	TSS	TDS	BOD	COD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	HOLD - DO NOT ANALYZE	Special Instructions
1	KVS-F11 Liver			Tissue	1																														X	Sole liver for long term storage
2	KVS-F12 Liver			Tissue	1																														X	
3	KVS-F13 Liver			Tissue	1																														X	Store at -20C for up to 1 year.
4	KVS-F14 Liver			Tissue	1																														X	Dispose by November 1, 2019
5	KVS-F15 Liver			Tissue	1																														X	
6	KVS-F16 Liver			Tissue	1																														X	
7	KVS-F17 Liver			Tissue	1																														X	
8	KVS-F18 Liver			Tissue	1																														X	
9	KVS-F19 Liver			Tissue	1																														X	
10	KVS-F20 Liver			Tissue	1																														X	

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

Special Instructions

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07		

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Address:	#500 - 4730 Kingsway, Burnaby, BC	Address:				Rush TAT (Surcharges will be applied)	
	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days	
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days	
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:	
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:	

Laboratory Use Only

	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					
	YES	NO	Cooler ID		
Seal Present					
Seal Intact			Temp	ACTR	
Cooling Media					

Depot Reception

Analysis Requested

Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	BTEX F1	PAH	EPH	Dissolved Metals	Dissolved Mercury	Total Metals	Total Mercury	Chloride	TSS	pH	Nitrite	PAH - HRMS - CalEPA Method 429	PCB - HRMS - US EPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LD - DO NOT ANALYZE
1 KVS-C10 Hepato			Tissue	1							X						X			X	X	X
2 KVS-C13 Hepato			Tissue	1							X						X			X	X	X
3 KVS-C15 Hepato			Tissue	1							X						X			X	X	X
4 KVS-C16 Hepato			Tissue	1							X						X			X	X	X
5 KVS-C20 Hepato			Tissue	1							X						X			X	X	X
6 KVS-C22 Hepato			Tissue	1							X						X			X	X	X
7 KVS-C24 Hepato			Tissue	1							X						X			X	X	X
8 KVS-C26 Hepato			Tissue	1							X						X			X	X	X
9 KVS-C30 Hepato			Tissue	1							X						X			X	X	X
10 KVS-C33 Hepato			Tissue	1							X						X			X	X	X

Regulatory Criteria

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☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

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- Report the individual congeners of toxic/carcinogenic PAH, PCB, dioxins and furans
- Prioritize lowering the detection limits for PAH, PCB, and dioxins as discussed w/Barry Loescher

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Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

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	PC: V5H 0C6		PC:	Project #:	123220082 - 843.203	☐ Same Day ☐ 2 Days
Phone/Fax:	604-412-3049	Phone/Fax:		Site Location:	Kitimat Harbour	☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:		Copies:		Sampled By:	Nicole Lavoie	Rush Confirmation #:

Laboratory Use Only				Depot Reception
	YES	NO	Cooler ID	
Seal Present			Temp A CTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp ACTR	
Seal Intact				
Cooling Media				
	YES	NO	Cooler ID	
Seal Present			Temp ACTR	
Seal Intact				
Cooling Media				

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	☐ VOC / BTEXS / VPH	☐ BTEXS / VPH	☐ VOC / BTEX / F1	☐ BTEX F1	☐ LEPH / HEPH / PAH	☐ PAH	☐ TEH	☐ EPH	☐ F2 - F4	☐ Preserved?	☐ Filtered?	☐ Dissolved Metals	☐ Preserved?	☐ Filtered?	☐ Dissolved Mercury	☑ Total Metals	☐ Field Preserved?	☐ Total Mercury	☐ Sulphate	☐ Fluoride	☐ Chloride	☐ COD	☐ BOD	☐ TDS	☐ TSS	☐ Alkalinity	☐ Conductivity	☐ pH	☐ Ammonia	☐ Nitrate	☐ Nitrite	☑ PAH - HRMS - CalEPA Method 429	☐ PCB - HRMS - US EPA 1668A	☐ Dioxins and Furans - HRMS - USEPA 1613B	☑ Moisture Content	☑ Lipid Content	☑ LD - DO NOT ANALYZE	Special Instructions
1	LNGC-C01 Hepato			Tissue	1																X														X			X	X	X	- All samples on hold.
2	LNGC-C07 Hepato			Tissue	1																X														X			X	X	X	- The analyses indicated will apply
3	LNGC-C09 Hepato			Tissue	1																X														X			X	X	X	after the hold is released.
4	LNGC-C16 Hepato			Tissue	1																X														X			X	X	X	- Report as wet wet concentrations
5	LNGC-C17 Hepato			Tissue	1																X														X			X	X	X	- Report the individual congeners of
6	LNGC-C19 Hepato			Tissue	1																X														X			X	X	X	toxic/carcinogenic PAH, PCB, dioxins
7	LNGC-C22 Hepato			Tissue	1																X														X			X	X	X	and furans
8	LNGC-C23 Hepato			Tissue	1																X														X			X	X	X	- Prioritize lowering the detection
9	LNGC-C35 Hepato			Tissue	1																X														X			X	X	X	limits for PAH, PCB, and dioxins as
10	LNGC-C38 Hepato			Tissue	1																X														X			X	X	X	discussed w/Barry Loescher

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Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Maxxam Job #
Rick Lee	11/6/2018		<Original signed by>	2018/11/07	11:18	

COC-1020

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B873059_COC

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
2378TCDF Confirmation (M8290A/M1613)	2	2019/03/07	2019/03/15	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	5	2019/03/07	2019/03/18	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	4	2019/04/12	2019/05/03	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	1	2019/04/12	2019/05/04	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	11	2019/04/12	2019/05/06	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	10	2019/04/16	2019/05/04	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	4	2019/04/16	2019/05/07	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	4	2019/04/22	2019/05/15	BRL SOP-00406	EPA M8290A / M1613
Dioxins/Furans in Tissue (1613B) (1)	7	2019/02/09	2019/02/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/02/13	2019/02/14	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/02/13	2019/02/19	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	13	2019/02/13	2019/02/20	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/02/17	2019/02/20	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/02/20	2019/02/20	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/02/22	2019/02/24	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/03/07	2019/03/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/03/07	2019/03/15	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/03/07	2019/03/19	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/03/25	2019/04/02	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/03/27	2019/04/02	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/03/27	2019/04/03	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/03/27	2019/04/04	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/03/27	2019/04/05	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/04/01	2019/04/06	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/04/01	2019/04/07	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/04/03	2019/04/07	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/04/03	2019/04/08	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	3	2019/04/03	2019/04/09	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2019/04/05	2019/04/08	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/04/05	2019/04/09	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/04/05	2019/04/10	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/04/10	2019/04/12	BRL SOP-00410	EPA 1613B m

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Dioxins/Furans in Tissue (1613B) (1)	3	2019/04/10	2019/04/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/04/11	2019/04/12	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/04/11	2019/04/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	3	2019/04/11	2019/04/14	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/04/11	2019/04/15	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/04/12	2019/04/29	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	14	2019/04/12	2019/04/30	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/04/12	2019/05/01	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	16	2019/04/16	2019/05/02	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/04/16	2019/05/03	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/04/17	2019/04/25	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	3	2019/04/22	2019/05/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/04/22	2019/05/14	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2019/05/09	2019/05/16	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	11	2019/05/09	2019/05/17	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	15	2019/05/16	2019/05/20	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/05/22	2019/05/23	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/05/22	2019/05/24	BRL SOP-00410	EPA 1613B m
Percent Lipid Content (2)	15	2019/02/04	2019/02/06	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/02/05	2019/02/05	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/03/06	2019/03/06	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	14	2019/03/18	2019/03/18	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	1	2019/03/18	2019/03/28	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/03/28	2019/04/18	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/04/04	2019/04/04	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/04/10	2019/04/10	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	19	2019/04/15	2019/04/15	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/04/17	2019/04/17	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/04/20	2019/04/20	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	16	2019/04/24	2019/04/24	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	33	2019/04/26	2019/04/26	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	1	2019/04/26	2019/04/30	BRL SOP-00223	EPA 8290A, EPA 1668B

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Percent Lipid Content (2)	5	2019/04/29	2019/04/29	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	1	2019/04/29	2019/05/08	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	19	2019/04/30	2019/04/30	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/05/05	2019/05/05	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	16	2019/05/08	2019/05/08	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	11	2019/05/09	2019/05/09	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	12	2019/05/23	2019/05/23	BRL SOP-00223	EPA 8290A, EPA 1668B
PAHs in Tissue (CARB429mod)	3	2019/02/20	2019/02/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/02/20	2019/02/23	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/02/21	2019/02/21	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	8	2019/02/21	2019/02/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/02/21	2019/02/23	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/02/24	2019/02/25	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2019/02/24	2019/02/28	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/02/28	2019/03/03	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2019/03/13	2019/03/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	11	2019/03/13	2019/03/23	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/03/25	2019/03/30	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2019/04/13	2019/04/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	13	2019/04/13	2019/04/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/04/14	2019/04/18	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/04/14	2019/04/19	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	9	2019/04/14	2019/04/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/04/14	2019/04/23	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/04/14	2019/05/09	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/04/22	2019/04/30	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/04/22	2019/05/01	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/04/22	2019/05/02	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/04/23	2019/05/05	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	15	2019/04/23	2019/05/06	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	8	2019/05/07	2019/05/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/05/07	2019/05/23	BRL SOP-00423	CARB429 m

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

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4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
PAHs in Tissue (CARB429mod)	3	2019/05/09	2019/05/09	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	8	2019/05/09	2019/05/10	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/05/09	2019/05/11	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/05/09	2019/05/12	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/05/12	2019/05/13	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/05/12	2019/05/14	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/05/13	2019/05/14	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/05/13	2019/05/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	9	2019/05/13	2019/05/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	15	2019/05/26	2019/05/30	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2019/05/26	2019/05/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/05/28	2019/05/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2019/05/29	2019/05/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/05/30	2019/05/31	BRL SOP-00423	CARB429 m
PCB Congeners in Tissue (1668A) (3)	15	2019/02/03	2019/02/09	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/02/04	2019/02/10	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	12	2019/02/04	2019/02/11	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/02/15	2019/02/23	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/02/20	2019/02/25	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/02/26	2019/03/12	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	7	2019/02/26	2019/03/13	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	3	2019/04/01	2019/04/17	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/04/01	2019/04/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

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4606 Canada Way
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Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
PCB Congeners in Tissue (1668A) (3)	4	2019/04/01	2019/04/19	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	5	2019/04/01	2019/04/22	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/04/05	2019/04/16	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	10	2019/04/05	2019/04/17	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/04/05	2019/04/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/04/10	2019/04/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	7	2019/04/10	2019/04/19	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	11	2019/04/10	2019/04/20	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/04/19	2019/04/30	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	13	2019/04/19	2019/05/01	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/04/19	2019/05/02	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/04/29	2019/05/07	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	10	2019/04/29	2019/05/08	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/04/29	2019/05/09	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/05/01	2019/05/09	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	19	2019/05/01	2019/05/10	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/05/04	2019/05/14	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

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4606 Canada Way
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CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Sample Matrix: Tissue
Samples Received: 308

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
PCB Congeners in Tissue (1668A) (3)	11	2019/05/04	2019/05/15	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/05/04	2019/05/22	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/05/05	2019/05/16	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	13	2019/05/05	2019/05/17	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.
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Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) Analysis was conducted according to Bureau Veritas Laboratories' method BRL SOP-00410 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.
(2) Sample(s) analyzed using methodologies that have not been subjected to Bureau Veritas Laboratories' standard validation process for the submitted matrix and is not an Accredited method. Analysis performed with client consent, however results should be viewed with discretion
(3) Analysis was conducted according to Bureau Veritas Laboratories methods BRL SOP-00408 and BRL SOP-00409 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.

Your Project #: 123220082.843.203
Site#: B873059
Site Location: KITIMAT HARBOUR

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2019/07/31
Report #: R5820574
Version: 25 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B901006
Received: 2019/01/03, 09:00

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Augustyna Dobosz, Project Manager
Email: Augustyna.Dobosz@bvlabs.com
Phone# (905)817-5798

==========

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ803		IQZ805		IQZ807			
Sampling Date									
	UNITS	LNGC-C01 MEAT	EDL	LNGC-C02 MEAT	EDL	LNGC-C03 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.20	N/A	0.40	N/A	0.30	N/A	N/A	6053911
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.22	0.22	<0.23	0.23	<0.43	0.43	1.0	6148063
Naphthalene	ng/g	2.49	0.38	2.75	0.69	2.78	0.57	0.50	6148063
Acenaphthylene	ng/g	<0.31	0.31	<0.40	0.40	<0.57	0.57	0.50	6148063
Acenaphthene	ng/g	1.69	0.32	4.49	0.61	2.57	0.74	0.50	6148063
Fluorene	ng/g	0.56	0.13	2.15	0.35	1.74	0.28	0.50	6148063
Phenanthrene	ng/g	1.19	0.19	1.04	0.60	2.90	0.43	0.50	6148063
Anthracene	ng/g	<0.23	0.23	<0.73	0.73	<0.52	0.52	0.50	6148063
Fluoranthene	ng/g	0.502	0.073	0.57	0.36	1.43	0.18	0.50	6148063
Pyrene	ng/g	0.395	0.072	<0.35	0.35	1.12	0.17	0.50	6148063
Benzo(a)anthracene	ng/g	<0.20	0.20	<0.44	0.44	<0.53	0.53	0.50	6148063
Chrysene	ng/g	<0.19	0.19	<0.41	0.41	<0.42	0.42	0.50	6148063
Benzo(k)fluoranthene	ng/g	<0.22	0.22	<0.20	0.20	<0.47	0.47	0.50	6148063
Benzo(a)pyrene	ng/g	<0.36	0.36	<0.27	0.27	<0.62	0.62	0.50	6148063
Indeno(1,2,3-cd)pyrene	ng/g	<0.26	0.26	<0.49	0.49	<0.59	0.59	0.50	6148063
Dibenz(a,h)anthracene	ng/g	<0.27	0.27	<0.47	0.47	<0.57	0.57	0.50	6148063
Benzo(g,h,i)perylene	ng/g	<0.19	0.19	<0.36	0.36	<0.49	0.49	0.50	6148063
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	23 (1)	N/A	23 (1)	N/A	11 (2)	N/A	N/A	6148063
Benz(a)anthracene-2H12	%	46 (1)	N/A	20 (1)	N/A	17 (1)	N/A	N/A	6148063
Benzo(a)pyrene-2H12	%	38 (1)	N/A	30 (1)	N/A	20 (2)	N/A	N/A	6148063
Benzo(b)fluoranthene-2H12	%	41 (1)	N/A	25 (1)	N/A	19 (2)	N/A	N/A	6148063
Benzo(g,h,i)perylene-2H12	%	33 (1)	N/A	23 (1)	N/A	22 (1)	N/A	N/A	6148063
Benzo(k)fluoranthene-2H12	%	41 (1)	N/A	24 (1)	N/A	16 (1)	N/A	N/A	6148063
Chrysene-2H12	%	45 (1)	N/A	20 (1)	N/A	21 (1)	N/A	N/A	6148063
Dibenzo(a,h)anthracene-2H14	%	34 (1)	N/A	18 (1)	N/A	16 (1)	N/A	N/A	6148063
Fluoranthene-2H10	%	44 (1)	N/A	21 (2)	N/A	15 (2)	N/A	N/A	6148063
Indeno(1,2,3-c,d)pyrene-2H12	%	28 (1)	N/A	19 (1)	N/A	15 (1)	N/A	N/A	6148063
Naphthalene-2H8	%	38 (1)	N/A	52	N/A	30 (1)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ803		IQZ805		IQZ807			
Sampling Date									
	UNITS	LNGC-C01 MEAT	EDL	LNGC-C02 MEAT	EDL	LNGC-C03 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	37 (1)	N/A	24 (1)	N/A	25 (1)	N/A	N/A	6148063
Phenanthrene-2H10	%	36 (1)	N/A	12 (2)	N/A	13 (2)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ809			IQZ810			
Sampling Date								
	UNITS	LNGC-C04 MEAT	EDL	QC Batch	LNGC-C05 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.40	N/A	6053911	0.50	N/A	N/A	6053911
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.54	0.54	6148063	<0.29	0.29	0.99	6144881
Naphthalene	ng/g	2.60	0.30	6148063	1.75	0.70	0.50	6144881
Acenaphthylene	ng/g	<0.51	0.51	6148063	<0.40	0.40	0.50	6144881
Acenaphthene	ng/g	1.72	0.89	6148063	0.70	0.30	0.50	6144881
Fluorene	ng/g	0.77	0.33	6148063	0.89	0.30	0.50	6144881
Phenanthrene	ng/g	1.08	0.48	6148063	1.01	0.23	0.50	6144881
Anthracene	ng/g	<0.58	0.58	6148063	<0.27	0.27	0.50	6144881
Fluoranthene	ng/g	0.48	0.34	6148063	<0.23	0.23	0.50	6144881
Pyrene	ng/g	0.43	0.33	6148063	<0.23	0.23	0.50	6144881
Benzo(a)anthracene	ng/g	<0.54	0.54	6148063	<0.18	0.18	0.50	6144881
Chrysene	ng/g	<0.45	0.45	6148063	<0.20	0.20	0.50	6144881
Benzo(k)fluoranthene	ng/g	<0.58	0.58	6148063	<0.23	0.23	0.50	6144881
Benzo(a)pyrene	ng/g	<0.65	0.65	6148063	<0.32	0.32	0.50	6144881
Indeno(1,2,3-cd)pyrene	ng/g	<0.46	0.46	6148063	<0.28	0.28	0.50	6144881
Dibenz(a,h)anthracene	ng/g	<1.3	1.3	6148063	<0.38	0.38	0.50	6144881
Benzo(g,h,i)perylene	ng/g	<0.50	0.50	6148063	<0.29	0.29	0.50	6144881
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	15 (1)	N/A	6148063	18 (2)	N/A	N/A	6144881
Benz(a)anthracene-2H12	%	16 (3)	N/A	6148063	37 (4)	N/A	N/A	6144881
Benzo(a)pyrene-2H12	%	21 (4)	N/A	6148063	35 (3)	N/A	N/A	6144881
Benzo(b)fluoranthene-2H12	%	19 (5)	N/A	6148063	33 (4)	N/A	N/A	6144881
Benzo(g,h,i)perylene-2H12	%	16 (3)	N/A	6148063	25 (3)	N/A	N/A	6144881
Benzo(k)fluoranthene-2H12	%	16 (4)	N/A	6148063	40 (3)	N/A	N/A	6144881
Chrysene-2H12	%	18 (3)	N/A	6148063	36 (4)	N/A	N/A	6144881
Dibenzo(a,h)anthracene-2H14	%	12 (4)	N/A	6148063	27 (3)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria
(3) Recovery meets method acceptance criteria
(4) Recovery meets method acceptance criteria
(5) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ809			IQZ810			
Sampling Date								
	UNITS	LNGC-C04 MEAT	EDL	QC Batch	LNGC-C05 MEAT	EDL	RDL	QC Batch
Fluoranthene-2H10	%	16 (1)	N/A	6148063	27 (2)	N/A	N/A	6144881
Indeno(1,2,3-c,d)pyrene-2H12	%	13 (2)	N/A	6148063	27 (3)	N/A	N/A	6144881
Naphthalene-2H8	%	49 (4)	N/A	6148063	41 (5)	N/A	N/A	6144881
Perylene-2H12	%	17 (1)	N/A	6148063	36 (3)	N/A	N/A	6144881
Phenanthrene-2H10	%	14 (1)	N/A	6148063	14 (6)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Recovery meets method acceptance criteria
(3) Recovery meets method acceptance criteria
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(5) 13C6
Recovery meets method acceptance criteria
(6) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ812		IQZ815		IQZ818		IQZ820			
Sampling Date											
	UNITS	LNGC-C07 MEAT	EDL	LNGC-C09 MEAT	EDL	LNGC-C11 MEAT	EDL	LNGC-C12 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.20	N/A	0.20	N/A	0.20	N/A	0.40	N/A	N/A	6053911
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.34	0.34	<0.36	0.36	0.62	0.51	<0.19	0.19	1.0	6148063
Naphthalene	ng/g	1.80	0.63	1.86	0.24	1.50	0.20	2.15	0.34	0.50	6148063
Acenaphthylene	ng/g	<0.18	0.18	<0.30	0.30	<0.53	0.53	<0.33	0.33	0.50	6148063
Acenaphthene	ng/g	0.39	0.32	2.13	0.95	<0.70	0.70	2.32	0.36	0.50	6148063
Fluorene	ng/g	0.41	0.16	0.84	0.15	0.42	0.29	0.91	0.29	0.50	6148063
Phenanthrene	ng/g	0.77	0.17	1.52	0.22	1.55	0.51	0.51	0.25	0.50	6148063
Anthracene	ng/g	<0.20	0.20	<0.27	0.27	<0.62	0.62	<0.31	0.31	0.50	6148063
Fluoranthene	ng/g	<0.20	0.20	1.22	0.16	1.32	0.18	<0.28	0.28	0.50	6148063
Pyrene	ng/g	0.24	0.20	0.99	0.15	1.27	0.18	<0.27	0.27	0.50	6148063
Benzo(a)anthracene	ng/g	<0.29	0.29	<0.35	0.35	0.45	0.43	<0.15	0.15	0.50	6148063
Chrysene	ng/g	<0.28	0.28	<0.33	0.33	<0.39	0.39	<0.14	0.14	0.50	6148063
Benzo(k)fluoranthene	ng/g	<0.36	0.36	<0.33	0.33	<0.43	0.43	<0.20	0.20	0.50	6148063
Benzo(a)pyrene	ng/g	<0.32	0.32	<0.42	0.42	<0.46	0.46	<0.30	0.30	0.50	6148063
Indeno(1,2,3-cd)pyrene	ng/g	<0.57	0.57	<0.47	0.47	<0.71	0.71	<0.26	0.26	0.50	6148063
Dibenz(a,h)anthracene	ng/g	<0.73	0.73	<0.50	0.50	<0.35	0.35	<0.32	0.32	0.50	6148063
Benzo(g,h,i)perylene	ng/g	<0.18	0.18	<0.40	0.40	0.46	0.23	<0.23	0.23	0.50	6148063
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	27 (1)	N/A	19 (2)	N/A	15 (2)	N/A	29 (3)	N/A	N/A	6148063
Benz(a)anthracene-2H12	%	43 (1)	N/A	30 (1)	N/A	40 (1)	N/A	39 (1)	N/A	N/A	6148063
Benzo(a)pyrene-2H12	%	32 (1)	N/A	40 (1)	N/A	49 (1)	N/A	48 (1)	N/A	N/A	6148063
Benzo(b)fluoranthene-2H12	%	21 (4)	N/A	31 (4)	N/A	34 (4)	N/A	43 (4)	N/A	N/A	6148063
Benzo(g,h,i)perylene-2H12	%	19 (1)	N/A	28 (1)	N/A	44 (1)	N/A	33 (1)	N/A	N/A	6148063
Benzo(k)fluoranthene-2H12	%	22 (1)	N/A	32 (1)	N/A	41 (1)	N/A	44 (1)	N/A	N/A	6148063
Chrysene-2H12	%	40 (1)	N/A	32 (1)	N/A	39 (1)	N/A	42 (1)	N/A	N/A	6148063
Dibenzo(a,h)anthracene-2H14	%	14 (1)	N/A	27 (1)	N/A	37 (1)	N/A	25 (1)	N/A	N/A	6148063
Fluoranthene-2H10	%	43 (1)	N/A	25 (1)	N/A	29 (1)	N/A	36 (1)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery meets method acceptance criteria
(2) Recovery outside method acceptance criteria
(3) Recovery meets method acceptance criteria
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ812		IQZ815		IQZ818		IQZ820			
Sampling Date											
	UNITS	LNGC-C07 MEAT	EDL	LNGC-C09 MEAT	EDL	LNGC-C11 MEAT	EDL	LNGC-C12 MEAT	EDL	RDL	QC Batch
Indeno(1,2,3-c,d)pyrene-2H12	%	14 (1)	N/A	24 (1)	N/A	40 (1)	N/A	35 (1)	N/A	N/A	6148063
Naphthalene-2H8	%	60	N/A	58	N/A	53	N/A	54	N/A	N/A	6148063
Perylene-2H12	%	20 (2)	N/A	24 (1)	N/A	42 (1)	N/A	40 (1)	N/A	N/A	6148063
Phenanthrene-2H10	%	46 (1)	N/A	20 (2)	N/A	25 (1)	N/A	28 (1)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery meets method acceptance criteria
(2) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ822		IQZ824			IQZ826			
Sampling Date										
	UNITS	LNGC-C13 MEAT	EDL	LNGC-C14 MEAT	EDL	RDL	LNGC-C16 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.20	N/A	0.40	N/A	N/A	0.20	N/A	N/A	6053911
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.19	0.19	<0.53	0.53	1.0	<0.28	0.28	0.99	6148063
Naphthalene	ng/g	3.28	0.59	3.05	0.44	0.50	2.19	0.24	0.50	6148063
Acenaphthylene	ng/g	<0.61	0.61	<0.22	0.22	0.50	<0.31	0.31	0.50	6148063
Acenaphthene	ng/g	10.3	0.53	0.78	0.48	0.50	1.96	0.60	0.50	6148063
Fluorene	ng/g	1.57	0.26	0.57	0.18	0.50	0.34	0.16	0.50	6148063
Phenanthrene	ng/g	0.89	0.31	1.36	0.32	0.50	0.87	0.29	0.50	6148063
Anthracene	ng/g	<0.38	0.38	<0.39	0.39	0.50	<0.35	0.35	0.50	6148063
Fluoranthene	ng/g	<0.34	0.34	0.81	0.15	0.50	0.25	0.11	0.50	6148063
Pyrene	ng/g	<0.33	0.33	0.87	0.15	0.50	0.27	0.11	0.50	6148063
Benzo(a)anthracene	ng/g	<0.26	0.26	<0.59	0.59	0.50	<0.28	0.28	0.50	6148063
Chrysene	ng/g	<0.30	0.30	<0.57	0.57	0.50	<0.26	0.26	0.50	6148063
Benzo(k)fluoranthene	ng/g	<0.16	0.16	<0.35	0.35	0.50	<0.25	0.25	0.50	6148063
Benzo(a)pyrene	ng/g	<0.22	0.22	<0.50	0.50	0.50	<0.32	0.32	0.50	6148063
Indeno(1,2,3-cd)pyrene	ng/g	<0.25	0.25	<0.39	0.39	0.50	<0.19	0.19	0.50	6148063
Dibenz(a,h)anthracene	ng/g	<0.22	0.22	<0.51	0.51	0.50	<0.18	0.18	0.50	6148063
Benzo(g,h,i)perylene	ng/g	<0.20	0.20	0.42	0.37	0.50	<0.21	0.21	0.50	6148063
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	15 (1)	N/A	18 (1)	N/A	N/A	12 (1)	N/A	N/A	6148063
Benz(a)anthracene-2H12	%	29 (2)	N/A	38 (2)	N/A	N/A	29 (2)	N/A	N/A	6148063
Benzo(a)pyrene-2H12	%	37 (2)	N/A	38 (2)	N/A	N/A	34 (2)	N/A	N/A	6148063
Benzo(b)fluoranthene-2H12	%	29 (2)	N/A	28 (2)	N/A	N/A	29 (2)	N/A	N/A	6148063
Benzo(g,h,i)perylene-2H12	%	32 (2)	N/A	28 (2)	N/A	N/A	30 (2)	N/A	N/A	6148063
Benzo(k)fluoranthene-2H12	%	28 (2)	N/A	37 (2)	N/A	N/A	31 (2)	N/A	N/A	6148063
Chrysene-2H12	%	30 (2)	N/A	38 (2)	N/A	N/A	30 (2)	N/A	N/A	6148063
Dibenzo(a,h)anthracene-2H14	%	32 (2)	N/A	31 (2)	N/A	N/A	29 (2)	N/A	N/A	6148063
Fluoranthene-2H10	%	23 (2)	N/A	28 (2)	N/A	N/A	22 (2)	N/A	N/A	6148063
Indeno(1,2,3-c,d)pyrene-2H12	%	23 (2)	N/A	25 (2)	N/A	N/A	30 (2)	N/A	N/A	6148063
Naphthalene-2H8	%	33 (2)	N/A	40 (2)	N/A	N/A	32 (2)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ822		IQZ824			IQZ826			
Sampling Date										
	UNITS	LNGC-C13 MEAT	EDL	LNGC-C14 MEAT	EDL	RDL	LNGC-C16 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	39 (1)	N/A	28 (1)	N/A	N/A	29 (1)	N/A	N/A	6148063
Phenanthrene-2H10	%	20 (2)	N/A	19 (2)	N/A	N/A	24 (1)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ828			IQZ830			
Sampling Date								
	UNITS	LNGC-C17 MEAT	EDL	QC Batch	LNGC-C18 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.30	N/A	6053911	0.30	N/A	N/A	6053911
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.26	0.26	6148063	0.50	0.20	0.99	6144881
Naphthalene	ng/g	2.09	0.38	6148063	2.95	0.70	0.50	6144881
Acenaphthylene	ng/g	<0.42	0.42	6148063	0.32	0.24	0.50	6144881
Acenaphthene	ng/g	<0.55	0.55	6148063	2.20	0.24	0.50	6144881
Fluorene	ng/g	<0.47	0.47	6148063	1.24	0.22	0.50	6144881
Phenanthrene	ng/g	1.05	0.41	6148063	1.51	0.21	0.50	6144881
Anthracene	ng/g	<0.49	0.49	6148063	0.33	0.25	0.50	6144881
Fluoranthene	ng/g	0.42	0.26	6148063	0.88	0.19	0.50	6144881
Pyrene	ng/g	0.46	0.25	6148063	0.90	0.18	0.50	6144881
Benzo(a)anthracene	ng/g	<0.20	0.20	6148063	0.20	0.12	0.50	6144881
Chrysene	ng/g	<0.20	0.20	6148063	0.47	0.11	0.50	6144881
Benzo(k)fluoranthene	ng/g	<0.23	0.23	6148063	<0.15	0.15	0.50	6144881
Benzo(a)pyrene	ng/g	<0.36	0.36	6148063	<0.26	0.26	0.50	6144881
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	6148063	<0.73	0.73	0.50	6144881
Dibenz(a,h)anthracene	ng/g	<0.12	0.12	6148063	<0.64	0.64	0.50	6144881
Benzo(g,h,i)perylene	ng/g	<0.11	0.11	6148063	<0.43	0.43	0.50	6144881
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	21 (1)	N/A	6148063	22 (2)	N/A	N/A	6144881
Benz(a)anthracene-2H12	%	33 (1)	N/A	6148063	28 (3)	N/A	N/A	6144881
Benzo(a)pyrene-2H12	%	26 (1)	N/A	6148063	33 (4)	N/A	N/A	6144881
Benzo(b)fluoranthene-2H12	%	27 (1)	N/A	6148063	25 (3)	N/A	N/A	6144881
Benzo(g,h,i)perylene-2H12	%	21 (1)	N/A	6148063	26 (4)	N/A	N/A	6144881
Benzo(k)fluoranthene-2H12	%	34 (1)	N/A	6148063	30 (4)	N/A	N/A	6144881
Chrysene-2H12	%	31 (1)	N/A	6148063	29 (3)	N/A	N/A	6144881
Dibenzo(a,h)anthracene-2H14	%	26 (1)	N/A	6148063	22 (4)	N/A	N/A	6144881
Fluoranthene-2H10	%	26 (1)	N/A	6148063	23 (3)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria
(3) Recovery meets method acceptance criteria
(4) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ828			IQZ830			
Sampling Date								
	UNITS	LNGC-C17 MEAT	EDL	QC Batch	LNGC-C18 MEAT	EDL	RDL	QC Batch
Indeno(1,2,3-c,d)pyrene-2H12	%	17 (1)	N/A	6148063	16 (2)	N/A	N/A	6144881
Naphthalene-2H8	%	45 (1)	N/A	6148063	39 (3)	N/A	N/A	6144881
Perylene-2H12	%	25 (1)	N/A	6148063	29 (2)	N/A	N/A	6144881
Phenanthrene-2H10	%	23 (1)	N/A	6148063	20 (4)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery meets method acceptance criteria
(3) 13C6
Recovery meets method acceptance criteria
(4) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ833		IQZ862		IQZ865			IQZ865			
Sampling Date												
	UNITS	LNGC-C20 MEAT	EDL	RT-C01 MEAT	EDL	RT-C04 MEAT	EDL	RDL	RT-C04 MEAT Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.20	N/A	0.40	N/A	0.20	N/A	N/A	N/A	N/A	N/A	6053911
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.29	0.29	<0.41	0.41	<0.17	0.17	1.0	<0.24	0.24	0.99	6148063
Naphthalene	ng/g	3.46	0.55	2.38	0.36	2.21	0.37	0.50	2.35	0.57	0.50	6148063
Acenaphthylene	ng/g	<0.35	0.35	<0.34	0.34	<0.29	0.29	0.50	<0.27	0.27	0.50	6148063
Acenaphthene	ng/g	<0.52	0.52	1.82	0.40	<0.52	0.52	0.50	<0.58	0.58	0.50	6148063
Fluorene	ng/g	0.76	0.19	1.18	0.19	0.81	0.29	0.50	0.62	0.18	0.50	6148063
Phenanthrene	ng/g	1.79	0.45	4.47	0.33	1.19	0.26	0.50	0.92	0.31	0.50	6148063
Anthracene	ng/g	<0.55	0.55	<0.52	0.52	<0.31	0.31	0.50	<0.38	0.38	0.50	6148063
Fluoranthene	ng/g	0.94	0.37	2.44	0.26	0.37	0.19	0.50	<0.41	0.41	0.50	6148063
Pyrene	ng/g	0.58	0.36	2.16	0.25	0.38	0.19	0.50	<0.40	0.40	0.50	6148063
Benzo(a)anthracene	ng/g	<0.28	0.28	<0.45	0.45	<0.29	0.29	0.50	<0.24	0.24	0.50	6148063
Chrysene	ng/g	<0.26	0.26	<0.40	0.40	<0.27	0.27	0.50	<0.25	0.25	0.50	6148063
Benzo(k)fluoranthene	ng/g	<0.26	0.26	<0.39	0.39	<0.17	0.17	0.50	<0.22	0.22	0.50	6148063
Benzo(a)pyrene	ng/g	<0.38	0.38	<0.50	0.50	<0.25	0.25	0.50	<0.27	0.27	0.50	6148063
Indeno(1,2,3-cd)pyrene	ng/g	<0.38	0.38	<0.40	0.40	<0.17	0.17	0.50	<0.29	0.29	0.50	6148063
Dibenz(a,h)anthracene	ng/g	<0.32	0.32	<0.17	0.17	<0.25	0.25	0.50	<0.48	0.48	0.50	6148063
Benzo(g,h,i)perylene	ng/g	<0.42	0.42	<0.36	0.36	<0.19	0.19	0.50	<0.35	0.35	0.50	6148063
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	15 (1)	N/A	18 (1)	N/A	22 (1)	N/A	N/A	18 (1)	N/A	N/A	6148063
Benz(a)anthracene-2H12	%	40 (2)	N/A	35 (2)	N/A	49 (2)	N/A	N/A	54	N/A	N/A	6148063
Benzo(a)pyrene-2H12	%	42 (2)	N/A	45 (2)	N/A	43 (2)	N/A	N/A	53	N/A	N/A	6148063
Benzo(b)fluoranthene-2H12	%	38 (2)	N/A	31 (2)	N/A	39 (2)	N/A	N/A	43 (2)	N/A	N/A	6148063
Benzo(g,h,i)perylene-2H12	%	32 (2)	N/A	32 (2)	N/A	38 (2)	N/A	N/A	38 (2)	N/A	N/A	6148063
Benzo(k)fluoranthene-2H12	%	37 (2)	N/A	30 (2)	N/A	41 (2)	N/A	N/A	46 (2)	N/A	N/A	6148063
Chrysene-2H12	%	38 (2)	N/A	41 (2)	N/A	50	N/A	N/A	49 (2)	N/A	N/A	6148063
Dibenzo(a,h)anthracene-2H14	%	39 (2)	N/A	31 (2)	N/A	48 (2)	N/A	N/A	38 (2)	N/A	N/A	6148063
Fluoranthene-2H10	%	28 (2)	N/A	31 (2)	N/A	35 (2)	N/A	N/A	31 (2)	N/A	N/A	6148063
Indeno(1,2,3-c,d)pyrene-2H12	%	31 (2)	N/A	30 (2)	N/A	33 (2)	N/A	N/A	41 (2)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ833		IQZ862		IQZ865			IQZ865			
Sampling Date												
	UNITS	LNGC-C20 MEAT	EDL	RT-C01 MEAT	EDL	RT-C04 MEAT	EDL	RDL	RT-C04 MEAT Lab-Dup	EDL	RDL	QC Batch
Naphthalene-2H8	%	43 (1)	N/A	43 (1)	N/A	64	N/A	N/A	45 (1)	N/A	N/A	6148063
Perylene-2H12	%	34 (1)	N/A	30 (1)	N/A	41 (1)	N/A	N/A	44 (1)	N/A	N/A	6148063
Phenanthrene-2H10	%	20 (2)	N/A	31 (1)	N/A	22 (1)	N/A	N/A	31 (1)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ867				IQZ869			IQZ871			
Sampling Date												
	UNITS	RT-C06-MEAT	EDL	RDL	QC Batch	RT-C07 MEAT	EDL	RDL	RT-C08 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.30	N/A	N/A	6053911	0.50	N/A	N/A	0.30	N/A	N/A	6053911
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	0.31	0.17	0.99	6144881	0.92	0.18	1.0	<0.70	0.70	0.99	6148063
Naphthalene	ng/g	2.2	1.3	0.50	6144881	2.26	0.98	0.50	1.43	0.73	0.50	6148063
Acenaphthylene	ng/g	<0.58	0.58	0.50	6144881	<0.46	0.46	0.50	<0.56	0.56	0.50	6148063
Acenaphthene	ng/g	<0.53	0.53	0.50	6144881	<0.48	0.48	0.50	<0.40	0.40	0.50	6148063
Fluorene	ng/g	0.36	0.25	0.50	6144881	0.78	0.34	0.50	0.54	0.15	0.50	6148063
Phenanthrene	ng/g	0.60	0.28	0.50	6144881	0.98	0.24	0.50	2.23	0.13	0.50	6148063
Anthracene	ng/g	<0.34	0.34	0.50	6144881	<0.29	0.29	0.50	0.38	0.16	0.50	6148063
Fluoranthene	ng/g	0.34	0.21	0.50	6144881	0.83	0.23	0.50	1.05	0.24	0.50	6148063
Pyrene	ng/g	0.29	0.21	0.50	6144881	0.65	0.23	0.50	0.94	0.24	0.50	6148063
Benzo(a)anthracene	ng/g	<0.19	0.19	0.50	6144881	0.32	0.12	0.50	0.38	0.18	0.50	6148063
Chrysene	ng/g	<0.17	0.17	0.50	6144881	0.49	0.12	0.50	0.31	0.17	0.50	6148063
Benzo(k)fluoranthene	ng/g	<0.16	0.16	0.50	6144881	0.30	0.15	0.50	<0.61	0.61	0.50	6148063
Benzo(a)pyrene	ng/g	<0.19	0.19	0.50	6144881	0.47	0.24	0.50	<0.73	0.73	0.50	6148063
Indeno(1,2,3-cd)pyrene	ng/g	<0.38	0.38	0.50	6144881	<0.76	0.76	0.50	<0.55	0.55	0.50	6148063
Dibenz(a,h)anthracene	ng/g	<0.47	0.47	0.50	6144881	<0.46	0.46	0.50	<1.0	1.0	0.50	6148063
Benzo(g,h,i)perylene	ng/g	<0.34	0.34	0.50	6144881	0.64	0.39	0.50	<0.54	0.54	0.50	6148063
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	17 (1)	N/A	N/A	6144881	12 (1)	N/A	N/A	13 (1)	N/A	N/A	6148063
Benz(a)anthracene-2H12	%	48 (2)	N/A	N/A	6144881	22 (3)	N/A	N/A	24 (3)	N/A	N/A	6148063
Benzo(a)pyrene-2H12	%	39 (3)	N/A	N/A	6144881	22 (2)	N/A	N/A	31 (2)	N/A	N/A	6148063
Benzo(b)fluoranthene-2H12	%	32 (2)	N/A	N/A	6144881	20 (1)	N/A	N/A	23 (1)	N/A	N/A	6148063
Benzo(g,h,i)perylene-2H12	%	29 (3)	N/A	N/A	6144881	21 (2)	N/A	N/A	19 (2)	N/A	N/A	6148063
Benzo(k)fluoranthene-2H12	%	33 (3)	N/A	N/A	6144881	19 (3)	N/A	N/A	22 (1)	N/A	N/A	6148063
Chrysene-2H12	%	51	N/A	N/A	6144881	22 (3)	N/A	N/A	24 (3)	N/A	N/A	6148063
Dibenzo(a,h)anthracene-2H14	%	23 (3)	N/A	N/A	6144881	18 (2)	N/A	N/A	19 (2)	N/A	N/A	6148063
Fluoranthene-2H10	%	25 (2)	N/A	N/A	6144881	19 (1)	N/A	N/A	19 (1)	N/A	N/A	6148063
Indeno(1,2,3-c,d)pyrene-2H12	%	27 (3)	N/A	N/A	6144881	14 (2)	N/A	N/A	21 (2)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Recovery meets method acceptance criteria
(3) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ867				IQZ869			IQZ871			
Sampling Date												
	UNITS	RT-C06-MEAT	EDL	RDL	QC Batch	RT-C07 MEAT	EDL	RDL	RT-C08 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	29 (1)	N/A	N/A	6144881	27 (1)	N/A	N/A	37 (2)	N/A	N/A	6148063
Perylene-2H12	%	33 (3)	N/A	N/A	6144881	18 (4)	N/A	N/A	26 (5)	N/A	N/A	6148063
Phenanthrene-2H10	%	25 (5)	N/A	N/A	6144881	14 (4)	N/A	N/A	20 (4)	N/A	N/A	6148063

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6
Recovery meets method acceptance criteria
(2) 13C6
Recovery meets method acceptance criteria
(3) Recovery meets method acceptance criteria
(4) Recovery outside method acceptance criteria
(5) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ873			IQZ875			IQZ877			
Sampling Date											
	UNITS	RT-C09 MEAT	EDL	RDL	RT-C10 MEAT	EDL	RDL	RT-C11 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.50	N/A	N/A	0.20	N/A	N/A	0.20	N/A	N/A	6063041
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.20	0.20	0.98	<0.059	0.059	1.0	<0.12	0.12	0.99	6069832
Naphthalene	ng/g	0.80	0.59	0.49	0.61	0.41	0.50	0.88	0.60	0.49	6069832
Acenaphthylene	ng/g	<0.31	0.31	0.49	<0.15	0.15	0.50	<0.29	0.29	0.49	6069832
Acenaphthene	ng/g	0.46	0.27	0.49	<0.12	0.12	0.50	<0.24	0.24	0.49	6069832
Fluorene	ng/g	0.28	0.20	0.49	0.16	0.12	0.50	<0.26	0.26	0.49	6069832
Phenanthrene	ng/g	0.37	0.20	0.49	0.22	0.14	0.50	0.48	0.15	0.49	6069832
Anthracene	ng/g	<0.21	0.21	0.49	<0.15	0.15	0.50	<0.16	0.16	0.49	6069832
Fluoranthene	ng/g	<0.19	0.19	0.49	<0.080	0.080	0.50	<0.18	0.18	0.49	6069832
Pyrene	ng/g	<0.18	0.18	0.49	0.123	0.076	0.50	<0.18	0.18	0.49	6069832
Benzo(a)anthracene	ng/g	<0.11	0.11	0.49	<0.067	0.067	0.50	<0.13	0.13	0.49	6069832
Chrysene	ng/g	<0.12	0.12	0.49	<0.072	0.072	0.50	<0.13	0.13	0.49	6069832
Benzo(k)fluoranthene	ng/g	<0.19	0.19	0.49	<0.054	0.054	0.50	<0.12	0.12	0.49	6069832
Benzo(a)pyrene	ng/g	<0.28	0.28	0.49	<0.093	0.093	0.50	<0.19	0.19	0.49	6069832
Indeno(1,2,3-cd)pyrene	ng/g	<0.077	0.077	0.49	<0.029	0.029	0.50	<0.092	0.092	0.49	6069832
Dibenz(a,h)anthracene	ng/g	<0.077	0.077	0.49	<0.032	0.032	0.50	<0.075	0.075	0.49	6069832
Benzo(g,h,i)perylene	ng/g	<0.097	0.097	0.49	<0.036	0.036	0.50	<0.12	0.12	0.49	6069832
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	30 (1)	N/A	N/A	58	N/A	N/A	26 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	35 (1)	N/A	N/A	66	N/A	N/A	27 (1)	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	27 (1)	N/A	N/A	58	N/A	N/A	20 (1)	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	31 (1)	N/A	N/A	73	N/A	N/A	23 (1)	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	31 (1)	N/A	N/A	74	N/A	N/A	22 (1)	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	27 (1)	N/A	N/A	70	N/A	N/A	22 (1)	N/A	N/A	6069832
Chrysene-2H12	%	32 (1)	N/A	N/A	59	N/A	N/A	27 (1)	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	36 (1)	N/A	N/A	82	N/A	N/A	25 (1)	N/A	N/A	6069832
Fluoranthene-2H10	%	33 (1)	N/A	N/A	60	N/A	N/A	24 (1)	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	33 (1)	N/A	N/A	79	N/A	N/A	22 (1)	N/A	N/A	6069832
Naphthalene-2H8	%	33 (2)	N/A	N/A	57 (2)	N/A	N/A	27 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ873			IQZ875			IQZ877			
Sampling Date											
	UNITS	RT-C09 MEAT	EDL	RDL	RT-C10 MEAT	EDL	RDL	RT-C11 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	33 (1)	N/A	N/A	70	N/A	N/A	24 (1)	N/A	N/A	6069832
Phenanthrene-2H10	%	30 (1)	N/A	N/A	53	N/A	N/A	30 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ879			IQZ879			IQZ881			
Sampling Date											
	UNITS	RT-C12 MEAT	EDL	RDL	RT-C12 MEAT Lab-Dup	EDL	RDL	RT-C13 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.50	N/A	N/A	N/A	N/A	N/A	0.20	N/A	N/A	6063041
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.69	0.69	0.99	<0.070	0.070	0.98	<0.083	0.083	1.0	6069832
Naphthalene	ng/g	1.3	1.1	0.50	0.86	0.29	0.49	0.62	0.46	0.50	6069832
Acenaphthylene	ng/g	<0.47	0.47	0.50	<0.14	0.14	0.49	<0.21	0.21	0.50	6069832
Acenaphthene	ng/g	<0.43	0.43	0.50	<0.15	0.15	0.49	<0.17	0.17	0.50	6069832
Fluorene	ng/g	<0.52	0.52	0.50	0.203	0.084	0.49	<0.34	0.34	0.50	6069832
Phenanthrene	ng/g	0.91	0.38	0.50	0.305	0.096	0.49	0.30	0.22	0.50	6069832
Anthracene	ng/g	0.44	0.40	0.50	<0.10	0.10	0.49	<0.23	0.23	0.50	6069832
Fluoranthene	ng/g	<0.47	0.47	0.50	0.161	0.083	0.49	<0.22	0.22	0.50	6069832
Pyrene	ng/g	<0.45	0.45	0.50	0.124	0.080	0.49	<0.21	0.21	0.50	6069832
Benzo(a)anthracene	ng/g	<0.27	0.27	0.50	<0.094	0.094	0.49	<0.14	0.14	0.50	6069832
Chrysene	ng/g	<0.32	0.32	0.50	<0.094	0.094	0.49	<0.13	0.13	0.50	6069832
Benzo(k)fluoranthene	ng/g	<0.71	0.71	0.50	<0.065	0.065	0.49	<0.081	0.081	0.50	6069832
Benzo(a)pyrene	ng/g	<0.86	0.86	0.50	<0.097	0.097	0.49	<0.12	0.12	0.50	6069832
Indeno(1,2,3-cd)pyrene	ng/g	<0.28	0.28	0.50	<0.056	0.056	0.49	<0.047	0.047	0.50	6069832
Dibenz(a,h)anthracene	ng/g	<0.27	0.27	0.50	<0.049	0.049	0.49	<0.079	0.079	0.50	6069832
Benzo(g,h,i)perylene	ng/g	<0.24	0.24	0.50	<0.15	0.15	0.49	<0.055	0.055	0.50	6069832
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	11 (1)	N/A	N/A	52	N/A	N/A	32 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	8.0 (1)	N/A	N/A	61	N/A	N/A	34 (1)	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	8.0 (1)	N/A	N/A	48 (1)	N/A	N/A	30 (1)	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	7.0 (1)	N/A	N/A	52	N/A	N/A	33 (1)	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	7.0 (1)	N/A	N/A	53	N/A	N/A	34 (1)	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	6.0 (1)	N/A	N/A	52	N/A	N/A	32 (1)	N/A	N/A	6069832
Chrysene-2H12	%	8.0 (1)	N/A	N/A	58	N/A	N/A	34 (1)	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	7.0 (1)	N/A	N/A	63	N/A	N/A	37 (1)	N/A	N/A	6069832
Fluoranthene-2H10	%	9.0 (1)	N/A	N/A	52	N/A	N/A	29 (1)	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	5.0 (1)	N/A	N/A	56	N/A	N/A	33 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ879			IQZ879			IQZ881			
Sampling Date											
	UNITS	RT-C12 MEAT	EDL	RDL	RT-C12 MEAT Lab-Dup	EDL	RDL	RT-C13 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	10 (1)	N/A	N/A	53 (2)	N/A	N/A	34 (2)	N/A	N/A	6069832
Perylene-2H12	%	7.0 (3)	N/A	N/A	57	N/A	N/A	35 (3)	N/A	N/A	6069832
Phenanthrene-2H10	%	10 (3)	N/A	N/A	58	N/A	N/A	28 (3)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c
Internal standard recovery is below method limits.
The dup sample passes internal standard recovery.
There is trace amount of native in the sample.
(2) 13c
(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ883			IQZ885			IQZ887			
Sampling Date											
	UNITS	RT-C15 MEAT	EDL	RDL	RT-C16 MEAT	EDL	RDL	RT-C17 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.30	N/A	N/A	0.30	N/A	N/A	0.50	N/A	N/A	6063041
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.064	0.064	1.0	<0.14	0.14	0.99	<0.092	0.092	0.99	6069832
Naphthalene	ng/g	<0.48	0.48	0.50	1.19	0.58	0.50	0.59	0.44	0.49	6069832
Acenaphthylene	ng/g	<0.22	0.22	0.50	<0.26	0.26	0.50	<0.18	0.18	0.49	6069832
Acenaphthene	ng/g	0.17	0.12	0.50	<0.25	0.25	0.50	0.16	0.13	0.49	6069832
Fluorene	ng/g	<0.14	0.14	0.50	<0.32	0.32	0.50	0.14	0.11	0.49	6069832
Phenanthrene	ng/g	0.208	0.079	0.50	0.37	0.27	0.50	0.34	0.14	0.49	6069832
Anthracene	ng/g	<0.083	0.083	0.50	<0.29	0.29	0.50	<0.15	0.15	0.49	6069832
Fluoranthene	ng/g	0.108	0.065	0.50	0.16	0.14	0.50	0.171	0.079	0.49	6069832
Pyrene	ng/g	0.083	0.063	0.50	<0.14	0.14	0.50	0.125	0.075	0.49	6069832
Benzo(a)anthracene	ng/g	<0.048	0.048	0.50	<0.13	0.13	0.50	<0.066	0.066	0.49	6069832
Chrysene	ng/g	0.071	0.054	0.50	<0.13	0.13	0.50	<0.065	0.065	0.49	6069832
Benzo(k)fluoranthene	ng/g	<0.058	0.058	0.50	<0.15	0.15	0.50	<0.086	0.086	0.49	6069832
Benzo(a)pyrene	ng/g	<0.099	0.099	0.50	<0.20	0.20	0.50	<0.13	0.13	0.49	6069832
Indeno(1,2,3-cd)pyrene	ng/g	<0.027	0.027	0.50	<0.10	0.10	0.50	<0.050	0.050	0.49	6069832
Dibenz(a,h)anthracene	ng/g	<0.043	0.043	0.50	<0.11	0.11	0.50	<0.046	0.046	0.49	6069832
Benzo(g,h,i)perylene	ng/g	<0.032	0.032	0.50	<0.12	0.12	0.50	<0.057	0.057	0.49	6069832
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	45 (1)	N/A	N/A	25 (1)	N/A	N/A	42 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	53	N/A	N/A	20 (1)	N/A	N/A	64	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	41 (1)	N/A	N/A	21 (1)	N/A	N/A	40 (1)	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	53	N/A	N/A	21 (1)	N/A	N/A	50	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	53	N/A	N/A	19 (1)	N/A	N/A	48 (1)	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	52	N/A	N/A	18 (1)	N/A	N/A	45 (1)	N/A	N/A	6069832
Chrysene-2H12	%	50	N/A	N/A	21 (1)	N/A	N/A	64	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	50	N/A	N/A	23 (1)	N/A	N/A	52	N/A	N/A	6069832
Fluoranthene-2H10	%	45 (1)	N/A	N/A	23 (1)	N/A	N/A	46 (1)	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	51	N/A	N/A	21 (1)	N/A	N/A	48 (1)	N/A	N/A	6069832
Naphthalene-2H8	%	49 (2)	N/A	N/A	26 (2)	N/A	N/A	48 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ883			IQZ885			IQZ887			
Sampling Date											
	UNITS	RT-C15 MEAT	EDL	RDL	RT-C16 MEAT	EDL	RDL	RT-C17 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	51	N/A	N/A	21 (1)	N/A	N/A	44 (1)	N/A	N/A	6069832
Phenanthrene-2H10	%	39 (1)	N/A	N/A	21 (1)	N/A	N/A	45 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ890		IQZ892			IQZ922			
Sampling Date										
	UNITS	RT-C19 MEAT	EDL	RT-C20 MEAT	EDL	RDL	RT-CLAMS C01	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.20	N/A	0.30	N/A	N/A	0.80	N/A	N/A	6063041
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	<0.12	0.12	1.0	0.576	0.068	0.99	6069832
Naphthalene	ng/g	0.71	0.44	1.18	0.47	0.50	0.88	0.27	0.49	6069832
Acenaphthylene	ng/g	<0.24	0.24	<0.24	0.24	0.50	<0.11	0.11	0.49	6069832
Acenaphthene	ng/g	0.19	0.18	<0.22	0.22	0.50	0.102	0.098	0.49	6069832
Fluorene	ng/g	<0.27	0.27	<0.16	0.16	0.50	0.215	0.098	0.49	6069832
Phenanthrene	ng/g	0.37	0.26	0.35	0.11	0.50	0.647	0.056	0.49	6069832
Anthracene	ng/g	<0.28	0.28	<0.11	0.11	0.50	0.249	0.059	0.49	6069832
Fluoranthene	ng/g	<0.16	0.16	0.097	0.084	0.50	1.06	0.070	0.49	6069832
Pyrene	ng/g	0.17	0.16	0.081	0.081	0.50	0.790	0.067	0.49	6069832
Benzo(a)anthracene	ng/g	<0.14	0.14	<0.079	0.079	0.50	0.305	0.030	0.49	6069832
Chrysene	ng/g	<0.13	0.13	<0.085	0.085	0.50	0.471	0.025	0.49	6069832
Benzo(k)fluoranthene	ng/g	<0.15	0.15	<0.10	0.10	0.50	0.203	0.062	0.49	6069832
Benzo(a)pyrene	ng/g	<0.23	0.23	<0.15	0.15	0.50	0.39	0.10	0.49	6069832
Indeno(1,2,3-cd)pyrene	ng/g	<0.098	0.098	<0.063	0.063	0.50	0.111	0.031	0.49	6069832
Dibenz(a,h)anthracene	ng/g	<0.11	0.11	<0.051	0.051	0.50	0.062	0.024	0.49	6069832
Benzo(g,h,i)perylene	ng/g	<0.10	0.10	<0.082	0.082	0.50	0.320	0.048	0.49	6069832
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	24 (1)	N/A	34 (1)	N/A	N/A	86	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	16 (1)	N/A	30 (1)	N/A	N/A	122	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	17 (1)	N/A	26 (1)	N/A	N/A	71	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	16 (1)	N/A	26 (1)	N/A	N/A	90	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	18 (1)	N/A	25 (1)	N/A	N/A	82	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	18 (1)	N/A	27 (1)	N/A	N/A	88	N/A	N/A	6069832
Chrysene-2H12	%	17 (1)	N/A	30 (1)	N/A	N/A	134	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	18 (1)	N/A	32 (1)	N/A	N/A	108	N/A	N/A	6069832
Fluoranthene-2H10	%	21 (1)	N/A	32 (1)	N/A	N/A	97	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	16 (1)	N/A	28 (1)	N/A	N/A	108	N/A	N/A	6069832
Naphthalene-2H8	%	30 (2)	N/A	34 (2)	N/A	N/A	94 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ890		IQZ892			IQZ922			
Sampling Date										
	UNITS	RT-C19 MEAT	EDL	RT-C20 MEAT	EDL	RDL	RT-CLAMS C01	EDL	RDL	QC Batch
Perylene-2H12	%	17 (1)	N/A	28 (1)	N/A	N/A	102	N/A	N/A	6069832
Phenanthrene-2H10	%	19 (1)	N/A	27 (1)	N/A	N/A	90	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ923			IQZ924			IQZ925			
Sampling Date											
	UNITS	RT-CLAMS C02	EDL	RDL	RT-CLAMS C03	EDL	RDL	RT-CLAMS C04	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.90	N/A	N/A	1.0	N/A	N/A	1.0	N/A	N/A	6063041
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.65	0.17	1.0	0.89	0.20	0.99	0.284	0.020	1.0	6069832
Naphthalene	ng/g	1.09	0.65	0.50	1.03	0.87	0.50	1.23	0.42	0.50	6069832
Acenaphthylene	ng/g	<0.24	0.24	0.50	<0.43	0.43	0.50	<0.21	0.21	0.50	6069832
Acenaphthene	ng/g	<0.23	0.23	0.50	<0.43	0.43	0.50	<0.15	0.15	0.50	6069832
Fluorene	ng/g	0.59	0.25	0.50	0.50	0.41	0.50	0.22	0.12	0.50	6069832
Phenanthrene	ng/g	0.70	0.20	0.50	1.09	0.33	0.50	0.60	0.10	0.50	6069832
Anthracene	ng/g	<0.21	0.21	0.50	<0.35	0.35	0.50	<0.11	0.11	0.50	6069832
Fluoranthene	ng/g	1.33	0.24	0.50	1.84	0.24	0.50	0.818	0.075	0.50	6069832
Pyrene	ng/g	0.88	0.23	0.50	0.99	0.23	0.50	0.576	0.072	0.50	6069832
Benzo(a)anthracene	ng/g	0.35	0.10	0.50	0.46	0.15	0.50	0.130	0.021	0.50	6069832
Chrysene	ng/g	0.473	0.095	0.50	0.66	0.13	0.50	0.267	0.022	0.50	6069832
Benzo(k)fluoranthene	ng/g	0.21	0.15	0.50	0.24	0.18	0.50	0.050	0.018	0.50	6069832
Benzo(a)pyrene	ng/g	0.28	0.27	0.50	<0.32	0.32	0.50	0.073	0.033	0.50	6069832
Indeno(1,2,3-cd)pyrene	ng/g	0.79	0.10	0.50	0.46	0.16	0.50	0.054	0.023	0.50	6069832
Dibenz(a,h)anthracene	ng/g	0.85	0.11	0.50	0.35	0.14	0.50	<0.044	0.044	0.50	6069832
Benzo(g,h,i)perylene	ng/g	0.63	0.13	0.50	0.45	0.20	0.50	0.102	0.035	0.50	6069832
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	49 (1)	N/A	N/A	33 (1)	N/A	N/A	39 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	53	N/A	N/A	31 (1)	N/A	N/A	84	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	39 (1)	N/A	N/A	26 (1)	N/A	N/A	52	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	45 (1)	N/A	N/A	29 (1)	N/A	N/A	67	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	36 (1)	N/A	N/A	23 (1)	N/A	N/A	55	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	51	N/A	N/A	29 (1)	N/A	N/A	70	N/A	N/A	6069832
Chrysene-2H12	%	58	N/A	N/A	34 (1)	N/A	N/A	81	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	42 (1)	N/A	N/A	26 (1)	N/A	N/A	66	N/A	N/A	6069832
Fluoranthene-2H10	%	51	N/A	N/A	35 (1)	N/A	N/A	57	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	42 (1)	N/A	N/A	26 (1)	N/A	N/A	65	N/A	N/A	6069832
Naphthalene-2H8	%	37 (2)	N/A	N/A	29 (2)	N/A	N/A	47 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ923			IQZ924			IQZ925			
Sampling Date											
	UNITS	RT-CLAMS C02	EDL	RDL	RT-CLAMS C03	EDL	RDL	RT-CLAMS C04	EDL	RDL	QC Batch
Perylene-2H12	%	47 (1)	N/A	N/A	28 (1)	N/A	N/A	65	N/A	N/A	6069832
Phenanthrene-2H10	%	48 (1)	N/A	N/A	30 (1)	N/A	N/A	49 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ926			IQZ927			IQZ928			
Sampling Date											
	UNITS	RT-CLAMS C05	EDL	RDL	RT-CLAMS C06	EDL	RDL	RT-CLAMS C07	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.70	N/A	N/A	1.0	N/A	N/A	0.80	N/A	N/A	6063041
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	1.03	0.12	0.99	1.00	0.24	1.0	0.637	0.050	0.99	6069832
Naphthalene	ng/g	1.38	0.67	0.50	<2.3	2.3	0.50	0.81	0.58	0.50	6069832
Acenaphthylene	ng/g	<0.31	0.31	0.50	<0.86	0.86	0.50	<0.22	0.22	0.50	6069832
Acenaphthene	ng/g	<0.25	0.25	0.50	<0.99	0.99	0.50	<0.16	0.16	0.50	6069832
Fluorene	ng/g	0.51	0.28	0.50	<0.76	0.76	0.50	0.29	0.19	0.50	6069832
Phenanthrene	ng/g	0.99	0.21	0.50	1.30	0.60	0.50	1.06	0.17	0.50	6069832
Anthracene	ng/g	<0.23	0.23	0.50	<0.63	0.63	0.50	<0.18	0.18	0.50	6069832
Fluoranthene	ng/g	1.63	0.19	0.50	1.62	0.35	0.50	1.52	0.14	0.50	6069832
Pyrene	ng/g	1.12	0.18	0.50	1.15	0.34	0.50	1.19	0.13	0.50	6069832
Benzo(a)anthracene	ng/g	0.42	0.13	0.50	0.37	0.23	0.50	0.327	0.056	0.50	6069832
Chrysene	ng/g	0.78	0.11	0.50	0.64	0.24	0.50	0.542	0.052	0.50	6069832
Benzo(k)fluoranthene	ng/g	0.32	0.10	0.50	<0.20	0.20	0.50	0.178	0.047	0.50	6069832
Benzo(a)pyrene	ng/g	0.41	0.18	0.50	<0.30	0.30	0.50	0.342	0.076	0.50	6069832
Indeno(1,2,3-cd)pyrene	ng/g	0.229	0.086	0.50	<0.50	0.50	0.50	0.163	0.067	0.50	6069832
Dibenz(a,h)anthracene	ng/g	<0.19	0.19	0.50	<0.22	0.22	0.50	<0.077	0.077	0.50	6069832
Benzo(g,h,i)perylene	ng/g	0.55	0.12	0.50	<0.52	0.52	0.50	0.271	0.086	0.50	6069832
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	27 (1)	N/A	N/A	15 (1)	N/A	N/A	40 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	31 (1)	N/A	N/A	15 (1)	N/A	N/A	53	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	26 (1)	N/A	N/A	16 (1)	N/A	N/A	35 (1)	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	26 (1)	N/A	N/A	13 (1)	N/A	N/A	41 (1)	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	25 (1)	N/A	N/A	14 (1)	N/A	N/A	34 (1)	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	29 (1)	N/A	N/A	15 (1)	N/A	N/A	40 (1)	N/A	N/A	6069832
Chrysene-2H12	%	37 (1)	N/A	N/A	16 (1)	N/A	N/A	58	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	31 (1)	N/A	N/A	16 (1)	N/A	N/A	38 (1)	N/A	N/A	6069832
Fluoranthene-2H10	%	31 (1)	N/A	N/A	14 (1)	N/A	N/A	42 (1)	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	28 (1)	N/A	N/A	15 (1)	N/A	N/A	37 (1)	N/A	N/A	6069832
Naphthalene-2H8	%	26 (2)	N/A	N/A	13 (2)	N/A	N/A	31 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ926			IQZ927			IQZ928			
Sampling Date											
	UNITS	RT-CLAMS C05	EDL	RDL	RT-CLAMS C06	EDL	RDL	RT-CLAMS C07	EDL	RDL	QC Batch
Perylene-2H12	%	34 (1)	N/A	N/A	14 (1)	N/A	N/A	43 (1)	N/A	N/A	6069832
Phenanthrene-2H10	%	27 (1)	N/A	N/A	13 (1)	N/A	N/A	45 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ929		IQZ930			IQZ931			
Sampling Date										
	UNITS	RT-CLAMS C08	EDL	RT-CLAMS C09	EDL	RDL	RT-CLAMS C10	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	1.1	N/A	0.90	N/A	N/A	1.0	N/A	N/A	6063041
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.138	0.050	0.54	0.10	1.0	0.670	0.068	0.99	6069832
Naphthalene	ng/g	0.66	0.49	1.03	0.89	0.50	1.05	0.38	0.50	6069832
Acenaphthylene	ng/g	<0.28	0.28	<0.42	0.42	0.50	<0.33	0.33	0.50	6069832
Acenaphthene	ng/g	<0.19	0.19	<0.27	0.27	0.50	<0.22	0.22	0.50	6069832
Fluorene	ng/g	<0.18	0.18	<0.31	0.31	0.50	<0.29	0.29	0.50	6069832
Phenanthrene	ng/g	0.37	0.16	0.85	0.25	0.50	1.00	0.29	0.50	6069832
Anthracene	ng/g	<0.17	0.17	<0.26	0.26	0.50	<0.30	0.30	0.50	6069832
Fluoranthene	ng/g	0.405	0.079	1.18	0.23	0.50	1.62	0.11	0.50	6069832
Pyrene	ng/g	0.306	0.076	0.87	0.22	0.50	1.14	0.10	0.50	6069832
Benzo(a)anthracene	ng/g	0.113	0.068	0.198	0.080	0.50	0.297	0.038	0.50	6069832
Chrysene	ng/g	0.185	0.065	0.473	0.072	0.50	0.594	0.034	0.50	6069832
Benzo(k)fluoranthene	ng/g	0.057	0.048	0.145	0.093	0.50	0.196	0.060	0.50	6069832
Benzo(a)pyrene	ng/g	<0.085	0.085	0.22	0.15	0.50	0.29	0.10	0.50	6069832
Indeno(1,2,3-cd)pyrene	ng/g	<0.056	0.056	0.101	0.061	0.50	0.137	0.067	0.50	6069832
Dibenz(a,h)anthracene	ng/g	<0.060	0.060	<0.17	0.17	0.50	0.098	0.045	0.50	6069832
Benzo(g,h,i)perylene	ng/g	<0.071	0.071	0.239	0.076	0.50	0.216	0.095	0.50	6069832
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	39 (1)	N/A	17 (1)	N/A	N/A	21 (1)	N/A	N/A	6069832
Benz(a)anthracene-2H12	%	54	N/A	20 (1)	N/A	N/A	36 (1)	N/A	N/A	6069832
Benzo(a)pyrene-2H12	%	46 (1)	N/A	18 (1)	N/A	N/A	29 (1)	N/A	N/A	6069832
Benzo(b)fluoranthene-2H12	%	56	N/A	18 (1)	N/A	N/A	32 (1)	N/A	N/A	6069832
Benzo(g,h,i)perylene-2H12	%	44 (1)	N/A	16 (1)	N/A	N/A	27 (1)	N/A	N/A	6069832
Benzo(k)fluoranthene-2H12	%	57	N/A	22 (1)	N/A	N/A	36 (1)	N/A	N/A	6069832
Chrysene-2H12	%	59	N/A	23 (1)	N/A	N/A	42 (1)	N/A	N/A	6069832
Dibenzo(a,h)anthracene-2H14	%	50	N/A	19 (1)	N/A	N/A	33 (1)	N/A	N/A	6069832
Fluoranthene-2H10	%	50	N/A	19 (1)	N/A	N/A	34 (1)	N/A	N/A	6069832
Indeno(1,2,3-c,d)pyrene-2H12	%	51	N/A	18 (1)	N/A	N/A	30 (1)	N/A	N/A	6069832
Naphthalene-2H8	%	29 (2)	N/A	17 (2)	N/A	N/A	22 (2)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) 13c

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ929		IQZ930			IQZ931			
Sampling Date										
	UNITS	RT-CLAMS C08	EDL	RT-CLAMS C09	EDL	RDL	RT-CLAMS C10	EDL	RDL	QC Batch
Perylene-2H12	%	52	N/A	21 (1)	N/A	N/A	32 (1)	N/A	N/A	6069832
Phenanthrene-2H10	%	43 (1)	N/A	17 (1)	N/A	N/A	30 (1)	N/A	N/A	6069832

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ932				IQZ933			IQZ933			
Sampling Date												
	UNITS	RT-CLAMS C11	EDL	RDL	QC Batch	RT-CLAMS C12	EDL	RDL	RT-CLAMS C12 Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.90	N/A	N/A	6070556	0.90	N/A	N/A	N/A	N/A	N/A	6070556
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	1.05	0.84	0.99	6069287	1.16	0.054	0.98	1.23	0.066	0.97	6118079
Naphthalene	ng/g	2.1	1.0	0.50	6069287	0.56	0.22	0.49	0.81	0.23	0.49	6118079
Acenaphthylene	ng/g	<0.39	0.39	0.50	6069287	<0.16	0.16	0.49	<0.26	0.26	0.49	6118079
Acenaphthene	ng/g	<0.31	0.31	0.50	6069287	0.24	0.16	0.49	0.29	0.17	0.49	6118079
Fluorene	ng/g	0.55	0.40	0.50	6069287	0.277	0.062	0.49	0.201	0.055	0.49	6118079
Phenanthrene	ng/g	1.10	0.46	0.50	6069287	1.24	0.17	0.49	1.39	0.15	0.49	6118079
Anthracene	ng/g	<0.48	0.48	0.50	6069287	<0.18	0.18	0.49	0.19	0.16	0.49	6118079
Fluoranthene	ng/g	1.67	0.58	0.50	6069287	2.25	0.073	0.49	2.41	0.13	0.49	6118079
Pyrene	ng/g	1.36	0.55	0.50	6069287	1.65	0.070	0.49	1.76	0.13	0.49	6118079
Benzo(a)anthracene	ng/g	0.55	0.30	0.50	6069287	0.713	0.075	0.49	0.60	0.10	0.49	6118079
Chrysene	ng/g	0.86	0.29	0.50	6069287	1.05	0.071	0.49	1.07	0.098	0.49	6118079
Benzo(k)fluoranthene	ng/g	<0.69	0.69	0.50	6069287	0.340	0.052	0.49	0.403	0.063	0.49	6118079
Benzo(a)pyrene	ng/g	<1.2	1.2	0.50	6069287	0.622	0.066	0.49	0.515	0.077	0.49	6118079
Indeno(1,2,3-cd)pyrene	ng/g	<0.45	0.45	0.50	6069287	0.43	0.11	0.49	0.402	0.068	0.49	6118079
Dibenz(a,h)anthracene	ng/g	<0.35	0.35	0.50	6069287	0.15	0.10	0.49	<0.13	0.13	0.49	6118079
Benzo(g,h,i)perylene	ng/g	0.77	0.62	0.50	6069287	0.68	0.13	0.49	0.748	0.084	0.49	6118079
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	24 (1)	N/A	N/A	6069287	47 (1)	N/A	N/A	41 (2)	N/A	N/A	6118079
Benz(a)anthracene-2H12	%	29 (1)	N/A	N/A	6069287	58	N/A	N/A	63	N/A	N/A	6118079
Benzo(a)pyrene-2H12	%	27 (1)	N/A	N/A	6069287	61	N/A	N/A	66	N/A	N/A	6118079
Benzo(b)fluoranthene-2H12	%	34 (1)	N/A	N/A	6069287	59	N/A	N/A	63	N/A	N/A	6118079
Benzo(g,h,i)perylene-2H12	%	28 (1)	N/A	N/A	6069287	48 (1)	N/A	N/A	54	N/A	N/A	6118079
Benzo(k)fluoranthene-2H12	%	31 (1)	N/A	N/A	6069287	61	N/A	N/A	62	N/A	N/A	6118079
Chrysene-2H12	%	30 (1)	N/A	N/A	6069287	56	N/A	N/A	61	N/A	N/A	6118079
Dibenzo(a,h)anthracene-2H14	%	35 (1)	N/A	N/A	6069287	47 (1)	N/A	N/A	58	N/A	N/A	6118079
Fluoranthene-2H10	%	31 (1)	N/A	N/A	6069287	57	N/A	N/A	61	N/A	N/A	6118079
Indeno(1,2,3-c,d)pyrene-2H12	%	32 (1)	N/A	N/A	6069287	48 (1)	N/A	N/A	58	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ932				IQZ933			IQZ933			
Sampling Date												
	UNITS	RT-CLAMS C11	EDL	RDL	QC Batch	RT-CLAMS C12	EDL	RDL	RT-CLAMS C12 Lab-Dup	EDL	RDL	QC Batch
Naphthalene-2H8	%	15 (1)	N/A	N/A	6069287	45 (2)	N/A	N/A	36 (2)	N/A	N/A	6118079
Perylene-2H12	%	29 (1)	N/A	N/A	6069287	57	N/A	N/A	62	N/A	N/A	6118079
Phenanthrene-2H10	%	43 (1)	N/A	N/A	6069287	49 (1)	N/A	N/A	55	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ934				IQZ935			
Sampling Date									
	UNITS	RT-CLAMS C13	EDL	RDL	QC Batch	RT-CLAMS C14	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.80	N/A	N/A	6070556	0.90	N/A	N/A	6070556
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	1.22	0.63	1.0	6069287	1.54	0.14	0.98	6118079
Naphthalene	ng/g	0.95	0.74	0.50	6069287	1.41	0.37	0.49	6118079
Acenaphthylene	ng/g	<0.26	0.26	0.50	6069287	<0.29	0.29	0.49	6118079
Acenaphthene	ng/g	<0.27	0.27	0.50	6069287	0.31	0.21	0.49	6118079
Fluorene	ng/g	0.42	0.24	0.50	6069287	0.32	0.18	0.49	6118079
Phenanthrene	ng/g	1.15	0.25	0.50	6069287	1.75	0.15	0.49	6118079
Anthracene	ng/g	<0.26	0.26	0.50	6069287	0.29	0.16	0.49	6118079
Fluoranthene	ng/g	2.12	0.52	0.50	6069287	2.59	0.17	0.49	6118079
Pyrene	ng/g	1.30	0.50	0.50	6069287	2.17	0.17	0.49	6118079
Benzo(a)anthracene	ng/g	0.77	0.45	0.50	6069287	0.78	0.12	0.49	6118079
Chrysene	ng/g	1.31	0.49	0.50	6069287	1.31	0.11	0.49	6118079
Benzo(k)fluoranthene	ng/g	<0.60	0.60	0.50	6069287	0.56	0.13	0.49	6118079
Benzo(a)pyrene	ng/g	<1.0	1.0	0.50	6069287	0.73	0.17	0.49	6118079
Indeno(1,2,3-cd)pyrene	ng/g	0.35	0.26	0.50	6069287	0.67	0.13	0.49	6118079
Dibenz(a,h)anthracene	ng/g	<0.48	0.48	0.50	6069287	<0.15	0.15	0.49	6118079
Benzo(g,h,i)perylene	ng/g	0.55	0.32	0.50	6069287	1.22	0.15	0.49	6118079
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	22 (1)	N/A	N/A	6069287	42 (2)	N/A	N/A	6118079
Benz(a)anthracene-2H12	%	27 (3)	N/A	N/A	6069287	60	N/A	N/A	6118079
Benzo(a)pyrene-2H12	%	27 (3)	N/A	N/A	6069287	57	N/A	N/A	6118079
Benzo(b)fluoranthene-2H12	%	32 (3)	N/A	N/A	6069287	57	N/A	N/A	6118079
Benzo(g,h,i)perylene-2H12	%	31 (3)	N/A	N/A	6069287	51	N/A	N/A	6118079
Benzo(k)fluoranthene-2H12	%	30 (3)	N/A	N/A	6069287	61	N/A	N/A	6118079
Chrysene-2H12	%	24 (3)	N/A	N/A	6069287	62	N/A	N/A	6118079
Dibenzo(a,h)anthracene-2H14	%	37 (3)	N/A	N/A	6069287	49 (3)	N/A	N/A	6118079
Fluoranthene-2H10	%	33 (3)	N/A	N/A	6069287	63	N/A	N/A	6118079
Indeno(1,2,3-c,d)pyrene-2H12	%	33 (3)	N/A	N/A	6069287	50	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery is below method limits. No native found in the sample.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(3) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ934				IQZ935			
Sampling Date									
	UNITS	RT-CLAMS C13	EDL	RDL	QC Batch	RT-CLAMS C14	EDL	RDL	QC Batch
Naphthalene-2H8	%	12 (1)	N/A	N/A	6069287	45 (2)	N/A	N/A	6118079
Perylene-2H12	%	31 (3)	N/A	N/A	6069287	58	N/A	N/A	6118079
Phenanthrene-2H10	%	49 (3)	N/A	N/A	6069287	55	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery is below method limits. Only a trace amount of native found in the sample.
(2) Internal standard recovery meets method limits.

13C used.
(3) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ936				IQZ937			
Sampling Date									
	UNITS	RT-CLAMS C15	EDL	RDL	QC Batch	KILD-C01 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.70	N/A	N/A	6070556	0.30	N/A	N/A	5962818
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.85	0.46	1.0	6069287	<0.11	0.11	0.99	5988751
Naphthalene	ng/g	1.08	0.41	0.50	6069287	0.50	0.17	0.50	5988751
Acenaphthylene	ng/g	<0.38	0.38	0.50	6069287	<0.064	0.064	0.50	5988751
Acenaphthene	ng/g	<0.42	0.42	0.50	6069287	<0.065	0.065	0.50	5988751
Fluorene	ng/g	0.36	0.26	0.50	6069287	<0.067	0.067	0.50	5988751
Phenanthrene	ng/g	0.98	0.38	0.50	6069287	0.200	0.075	0.50	5988751
Anthracene	ng/g	<0.39	0.39	0.50	6069287	<0.084	0.084	0.50	5988751
Fluoranthene	ng/g	1.36	0.28	0.50	6069287	<0.071	0.071	0.50	5988751
Pyrene	ng/g	1.18	0.26	0.50	6069287	<0.070	0.070	0.50	5988751
Benzo(a)anthracene	ng/g	0.36	0.21	0.50	6069287	<0.066	0.066	0.50	5988751
Chrysene	ng/g	0.50	0.20	0.50	6069287	<0.059	0.059	0.50	5988751
Benzo(k)fluoranthene	ng/g	<0.42	0.42	0.50	6069287	<0.13	0.13	0.50	5988751
Benzo(a)pyrene	ng/g	<0.67	0.67	0.50	6069287	<0.17	0.17	0.50	5988751
Indeno(1,2,3-cd)pyrene	ng/g	<0.27	0.27	0.50	6069287	<0.15	0.15	0.50	5988751
Dibenz(a,h)anthracene	ng/g	<0.18	0.18	0.50	6069287	<0.096	0.096	0.50	5988751
Benzo(g,h,i)perylene	ng/g	<0.40	0.40	0.50	6069287	<0.16	0.16	0.50	5988751
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	23 (1)	N/A	N/A	6069287	48 (2)	N/A	N/A	5988751
Benz(a)anthracene-2H12	%	29 (1)	N/A	N/A	6069287	31 (2)	N/A	N/A	5988751
Benzo(a)pyrene-2H12	%	25 (1)	N/A	N/A	6069287	56	N/A	N/A	5988751
Benzo(b)fluoranthene-2H12	%	28 (1)	N/A	N/A	6069287	58	N/A	N/A	5988751
Benzo(g,h,i)perylene-2H12	%	27 (1)	N/A	N/A	6069287	41 (2)	N/A	N/A	5988751
Benzo(k)fluoranthene-2H12	%	28 (1)	N/A	N/A	6069287	56	N/A	N/A	5988751
Chrysene-2H12	%	28 (1)	N/A	N/A	6069287	34 (2)	N/A	N/A	5988751
Dibenzo(a,h)anthracene-2H14	%	32 (1)	N/A	N/A	6069287	52	N/A	N/A	5988751
Fluoranthene-2H10	%	29 (1)	N/A	N/A	6069287	58	N/A	N/A	5988751
Indeno(1,2,3-c,d)pyrene-2H12	%	31 (1)	N/A	N/A	6069287	47 (2)	N/A	N/A	5988751
Naphthalene-2H8	%	19 (1)	N/A	N/A	6069287	42 (2)	N/A	N/A	5988751

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ936				IQZ937			
Sampling Date									
	UNITS	RT-CLAMS C15	EDL	RDL	QC Batch	KILD-C01 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	29 (1)	N/A	N/A	6069287	64	N/A	N/A	5988751
Phenanthrene-2H10	%	29 (1)	N/A	N/A	6069287	65	N/A	N/A	5988751

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ939			IQZ941			IQZ942			
Sampling Date											
	UNITS	KILD-C02 MEAT	EDL	RDL	KILD-C03 MEAT	EDL	RDL	KILD-C04 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.30	N/A	N/A	0.40	N/A	N/A	0.40	N/A	N/A	5962818
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.071	0.071	0.97	<0.083	0.083	0.99	<0.032	0.032	0.97	5984276
Naphthalene	ng/g	1.31	0.32	0.49	1.03	0.17	0.50	1.76	0.30	0.49	5984276
Acenaphthylene	ng/g	<0.17	0.17	0.49	0.435	0.046	0.50	<0.13	0.13	0.49	5984276
Acenaphthene	ng/g	<0.11	0.11	0.49	<0.062	0.062	0.50	<0.083	0.083	0.49	5984276
Fluorene	ng/g	<0.075	0.075	0.49	<0.087	0.087	0.50	<0.071	0.071	0.49	5984276
Phenanthrene	ng/g	0.280	0.078	0.49	0.263	0.046	0.50	0.229	0.058	0.49	5984276
Anthracene	ng/g	<0.088	0.088	0.49	<0.052	0.052	0.50	<0.066	0.066	0.49	5984276
Fluoranthene	ng/g	0.105	0.031	0.49	0.145	0.051	0.50	0.061	0.035	0.49	5984276
Pyrene	ng/g	0.106	0.030	0.49	0.149	0.050	0.50	0.057	0.034	0.49	5984276
Benzo(a)anthracene	ng/g	<0.048	0.048	0.49	<0.041	0.041	0.50	<0.025	0.025	0.49	5984276
Chrysene	ng/g	<0.043	0.043	0.49	<0.042	0.042	0.50	<0.025	0.025	0.49	5984276
Benzo(k)fluoranthene	ng/g	<0.090	0.090	0.49	<0.089	0.089	0.50	<0.043	0.043	0.49	5984276
Benzo(a)pyrene	ng/g	<0.085	0.085	0.49	<0.11	0.11	0.50	<0.048	0.048	0.49	5984276
Indeno(1,2,3-cd)pyrene	ng/g	<0.069	0.069	0.49	<0.12	0.12	0.50	<0.027	0.027	0.49	5984276
Dibenz(a,h)anthracene	ng/g	<0.12	0.12	0.49	<0.14	0.14	0.50	<0.034	0.034	0.49	5984276
Benzo(g,h,i)perylene	ng/g	<0.085	0.085	0.49	<0.15	0.15	0.50	<0.027	0.027	0.49	5984276
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	22 (1)	N/A	N/A	38 (1)	N/A	N/A	28 (1)	N/A	N/A	5984276
Benz(a)anthracene-2H12	%	20 (1)	N/A	N/A	23 (1)	N/A	N/A	32 (1)	N/A	N/A	5984276
Benzo(a)pyrene-2H12	%	31 (1)	N/A	N/A	29 (1)	N/A	N/A	45 (1)	N/A	N/A	5984276
Benzo(b)fluoranthene-2H12	%	28 (1)	N/A	N/A	30 (1)	N/A	N/A	44 (1)	N/A	N/A	5984276
Benzo(g,h,i)perylene-2H12	%	22 (1)	N/A	N/A	24 (1)	N/A	N/A	38 (1)	N/A	N/A	5984276
Benzo(k)fluoranthene-2H12	%	24 (1)	N/A	N/A	31 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Chrysene-2H12	%	22 (1)	N/A	N/A	23 (1)	N/A	N/A	33 (1)	N/A	N/A	5984276
Dibenzo(a,h)anthracene-2H14	%	24 (1)	N/A	N/A	28 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Fluoranthene-2H10	%	32 (1)	N/A	N/A	37 (1)	N/A	N/A	45 (1)	N/A	N/A	5984276
Indeno(1,2,3-c,d)pyrene-2H12	%	25 (1)	N/A	N/A	28 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Naphthalene-2H8	%	14 (2)	N/A	N/A	31 (1)	N/A	N/A	18 (1)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) 13c=15%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ939			IQZ941			IQZ942			
Sampling Date											
	UNITS	KILD-C02 MEAT	EDL	RDL	KILD-C03 MEAT	EDL	RDL	KILD-C04 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	27 (1)	N/A	N/A	26 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Phenanthrene-2H10	%	33 (1)	N/A	N/A	40 (1)	N/A	N/A	41 (1)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ944				IQZ946			
Sampling Date									
	UNITS	KILD-C05 MEAT	EDL	RDL	QC Batch	KILD-C06 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.50	N/A	N/A	5962818	0.20	N/A	N/A	5962818
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.060	0.060	0.99	5984276	<0.18	0.18	0.98	5995364
Naphthalene	ng/g	2.04	0.68	0.49	5984276	0.651	0.066	0.49	5995364
Acenaphthylene	ng/g	<0.17	0.17	0.49	5984276	<0.042	0.042	0.49	5995364
Acenaphthene	ng/g	<0.14	0.14	0.49	5984276	<0.059	0.059	0.49	5995364
Fluorene	ng/g	<0.11	0.11	0.49	5984276	0.141	0.051	0.49	5995364
Phenanthrene	ng/g	0.30	0.11	0.49	5984276	0.464	0.072	0.49	5995364
Anthracene	ng/g	<0.13	0.13	0.49	5984276	<0.080	0.080	0.49	5995364
Fluoranthene	ng/g	0.170	0.093	0.49	5984276	0.108	0.080	0.49	5995364
Pyrene	ng/g	<0.091	0.091	0.49	5984276	0.094	0.077	0.49	5995364
Benzo(a)anthracene	ng/g	<0.046	0.046	0.49	5984276	<0.11	0.11	0.49	5995364
Chrysene	ng/g	<0.046	0.046	0.49	5984276	<0.11	0.11	0.49	5995364
Benzo(k)fluoranthene	ng/g	<0.059	0.059	0.49	5984276	<0.19	0.19	0.49	5995364
Benzo(a)pyrene	ng/g	<0.085	0.085	0.49	5984276	<0.21	0.21	0.49	5995364
Indeno(1,2,3-cd)pyrene	ng/g	<0.082	0.082	0.49	5984276	<0.18	0.18	0.49	5995364
Dibenz(a,h)anthracene	ng/g	<0.13	0.13	0.49	5984276	<0.28	0.28	0.49	5995364
Benzo(g,h,i)perylene	ng/g	<0.093	0.093	0.49	5984276	<0.16	0.16	0.49	5995364
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	23 (1)	N/A	N/A	5984276	72	N/A	N/A	5995364
Benz(a)anthracene-2H12	%	19 (1)	N/A	N/A	5984276	32 (1)	N/A	N/A	5995364
Benzo(a)pyrene-2H12	%	27 (1)	N/A	N/A	5984276	80	N/A	N/A	5995364
Benzo(b)fluoranthene-2H12	%	26 (1)	N/A	N/A	5984276	77	N/A	N/A	5995364
Benzo(g,h,i)perylene-2H12	%	21 (1)	N/A	N/A	5984276	61	N/A	N/A	5995364
Benzo(k)fluoranthene-2H12	%	26 (1)	N/A	N/A	5984276	72	N/A	N/A	5995364
Chrysene-2H12	%	20 (1)	N/A	N/A	5984276	33 (1)	N/A	N/A	5995364
Dibenzo(a,h)anthracene-2H14	%	23 (1)	N/A	N/A	5984276	62	N/A	N/A	5995364
Fluoranthene-2H10	%	30 (1)	N/A	N/A	5984276	82	N/A	N/A	5995364
Indeno(1,2,3-c,d)pyrene-2H12	%	21 (1)	N/A	N/A	5984276	54	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ944				IQZ946			
Sampling Date									
	UNITS	KILD-C05 MEAT	EDL	RDL	QC Batch	KILD-C06 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	15 (1)	N/A	N/A	5984276	64 (2)	N/A	N/A	5995364
Perylene-2H12	%	24 (3)	N/A	N/A	5984276	74	N/A	N/A	5995364
Phenanthrene-2H10	%	27 (3)	N/A	N/A	5984276	107	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=14%
(2) 13c=64%
(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ948			IQZ950		IQZ952			
Sampling Date										
	UNITS	KILD-C08 MEAT	EDL	RDL	KILD-C09 MEAT	EDL	KILD-C10 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.40	N/A	N/A	0.40	N/A	0.30	N/A	N/A	5962818
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.026	0.026	1.0	<0.031	0.031	0.047	0.018	0.98	5984276
Naphthalene	ng/g	1.54	0.40	0.50	1.11	0.29	1.05	0.26	0.49	5984276
Acenaphthylene	ng/g	<0.12	0.12	0.50	<0.13	0.13	<0.066	0.066	0.49	5984276
Acenaphthene	ng/g	<0.12	0.12	0.50	<0.098	0.098	<0.084	0.084	0.49	5984276
Fluorene	ng/g	0.051	0.032	0.50	<0.060	0.060	<0.077	0.077	0.49	5984276
Phenanthrene	ng/g	0.227	0.044	0.50	0.172	0.051	0.163	0.033	0.49	5984276
Anthracene	ng/g	<0.050	0.050	0.50	<0.058	0.058	<0.037	0.037	0.49	5984276
Fluoranthene	ng/g	0.089	0.028	0.50	0.059	0.021	0.046	0.021	0.49	5984276
Pyrene	ng/g	0.053	0.027	0.50	0.061	0.020	0.033	0.021	0.49	5984276
Benzo(a)anthracene	ng/g	<0.036	0.036	0.50	<0.022	0.022	<0.017	0.017	0.49	5984276
Chrysene	ng/g	0.039	0.038	0.50	<0.022	0.022	<0.017	0.017	0.49	5984276
Benzo(k)fluoranthene	ng/g	<0.031	0.031	0.50	<0.037	0.037	<0.021	0.021	0.49	5984276
Benzo(a)pyrene	ng/g	<0.040	0.040	0.50	<0.046	0.046	<0.026	0.026	0.49	5984276
Indeno(1,2,3-cd)pyrene	ng/g	<0.040	0.040	0.50	<0.031	0.031	<0.036	0.036	0.49	5984276
Dibenz(a,h)anthracene	ng/g	<0.030	0.030	0.50	<0.034	0.034	<0.045	0.045	0.49	5984276
Benzo(g,h,i)perylene	ng/g	<0.054	0.054	0.50	<0.036	0.036	<0.041	0.041	0.49	5984276
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	32 (1)	N/A	N/A	37 (1)	N/A	27 (1)	N/A	N/A	5984276
Benz(a)anthracene-2H12	%	37 (1)	N/A	N/A	49 (1)	N/A	32 (1)	N/A	N/A	5984276
Benzo(a)pyrene-2H12	%	50	N/A	N/A	57	N/A	41 (1)	N/A	N/A	5984276
Benzo(b)fluoranthene-2H12	%	51	N/A	N/A	56	N/A	45 (1)	N/A	N/A	5984276
Benzo(g,h,i)perylene-2H12	%	42 (1)	N/A	N/A	47 (1)	N/A	40 (1)	N/A	N/A	5984276
Benzo(k)fluoranthene-2H12	%	49 (1)	N/A	N/A	52	N/A	44 (1)	N/A	N/A	5984276
Chrysene-2H12	%	36 (1)	N/A	N/A	51	N/A	35 (1)	N/A	N/A	5984276
Dibenzo(a,h)anthracene-2H14	%	51	N/A	N/A	47 (1)	N/A	38 (1)	N/A	N/A	5984276
Fluoranthene-2H10	%	53	N/A	N/A	55	N/A	52	N/A	N/A	5984276
Indeno(1,2,3-c,d)pyrene-2H12	%	48 (1)	N/A	N/A	54	N/A	43 (1)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ948			IQZ950		IQZ952			
Sampling Date										
	UNITS	KILD-C08 MEAT	EDL	RDL	KILD-C09 MEAT	EDL	KILD-C10 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	18 (1)	N/A	N/A	23 (2)	N/A	20 (3)	N/A	N/A	5984276
Perylene-2H12	%	50	N/A	N/A	52	N/A	44 (4)	N/A	N/A	5984276
Phenanthrene-2H10	%	48 (4)	N/A	N/A	48 (4)	N/A	48 (4)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=19%
(2) 13c=23%
(3) 13c=20%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ954			IQZ956		IQZ957			
Sampling Date										
	UNITS	KILD-C11 MEAT	EDL	RDL	KILD-C12 MEAT	EDL	KILD-C13 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.40	N/A	N/A	0.40	N/A	0.30	N/A	N/A	5962818
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.048	0.048	0.99	<0.038	0.038	<0.11	0.11	0.99	5984276
Naphthalene	ng/g	1.57	0.46	0.50	1.39	0.39	2.83	0.67	0.49	5984276
Acenaphthylene	ng/g	<0.19	0.19	0.50	<0.18	0.18	<0.38	0.38	0.49	5984276
Acenaphthene	ng/g	<0.12	0.12	0.50	<0.15	0.15	<0.33	0.33	0.49	5984276
Fluorene	ng/g	0.086	0.058	0.50	<0.066	0.066	<0.21	0.21	0.49	5984276
Phenanthrene	ng/g	0.263	0.055	0.50	0.159	0.045	0.64	0.15	0.49	5984276
Anthracene	ng/g	<0.063	0.063	0.50	<0.051	0.051	<0.17	0.17	0.49	5984276
Fluoranthene	ng/g	0.331	0.046	0.50	0.058	0.030	0.12	0.10	0.49	5984276
Pyrene	ng/g	0.340	0.045	0.50	0.069	0.030	0.12	0.10	0.49	5984276
Benzo(a)anthracene	ng/g	0.089	0.024	0.50	<0.035	0.035	<0.095	0.095	0.49	5984276
Chrysene	ng/g	0.152	0.025	0.50	<0.031	0.031	<0.099	0.099	0.49	5984276
Benzo(k)fluoranthene	ng/g	<0.059	0.059	0.50	<0.042	0.042	<0.12	0.12	0.49	5984276
Benzo(a)pyrene	ng/g	0.095	0.071	0.50	<0.052	0.052	<0.18	0.18	0.49	5984276
Indeno(1,2,3-cd)pyrene	ng/g	<0.068	0.068	0.50	<0.055	0.055	<0.19	0.19	0.49	5984276
Dibenz(a,h)anthracene	ng/g	<0.071	0.071	0.50	<0.018	0.018	<0.11	0.11	0.49	5984276
Benzo(g,h,i)perylene	ng/g	0.150	0.063	0.50	<0.056	0.056	<0.20	0.20	0.49	5984276
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	24 (1)	N/A	N/A	24 (1)	N/A	13 (1)	N/A	N/A	5984276
Benz(a)anthracene-2H12	%	34 (1)	N/A	N/A	32 (1)	N/A	13 (1)	N/A	N/A	5984276
Benzo(a)pyrene-2H12	%	46 (1)	N/A	N/A	39 (1)	N/A	21 (1)	N/A	N/A	5984276
Benzo(b)fluoranthene-2H12	%	52	N/A	N/A	38 (1)	N/A	23 (1)	N/A	N/A	5984276
Benzo(g,h,i)perylene-2H12	%	43 (1)	N/A	N/A	34 (1)	N/A	20 (1)	N/A	N/A	5984276
Benzo(k)fluoranthene-2H12	%	42 (1)	N/A	N/A	35 (1)	N/A	22 (1)	N/A	N/A	5984276
Chrysene-2H12	%	35 (1)	N/A	N/A	39 (1)	N/A	13 (1)	N/A	N/A	5984276
Dibenzo(a,h)anthracene-2H14	%	42 (1)	N/A	N/A	41 (1)	N/A	25 (1)	N/A	N/A	5984276
Fluoranthene-2H10	%	47 (1)	N/A	N/A	39 (1)	N/A	19 (1)	N/A	N/A	5984276
Indeno(1,2,3-c,d)pyrene-2H12	%	41 (1)	N/A	N/A	34 (1)	N/A	20 (1)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ954			IQZ956		IQZ957			
Sampling Date										
	UNITS	KILD-C11 MEAT	EDL	RDL	KILD-C12 MEAT	EDL	KILD-C13 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	13 (1)	N/A	N/A	17 (2)	N/A	9.0 (3)	N/A	N/A	5984276
Perylene-2H12	%	48 (4)	N/A	N/A	40 (4)	N/A	22 (4)	N/A	N/A	5984276
Phenanthrene-2H10	%	50	N/A	N/A	32 (4)	N/A	22 (4)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=13%
(2) 13c=17%
(3) 13c=9%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ959		IQZ960			IQZ962			
Sampling Date										
	UNITS	KILD-C14 MEAT	EDL	KILD-C15 MEAT	EDL	RDL	KILD-C16 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.40	N/A	0.50	N/A	N/A	0.40	N/A	N/A	5962818
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.044	0.044	0.357	0.034	0.98	<0.046	0.046	0.97	5984276
Naphthalene	ng/g	1.23	0.23	1.55	0.16	0.49	1.27	0.32	0.49	5984276
Acenaphthylene	ng/g	<0.14	0.14	0.072	0.043	0.49	<0.12	0.12	0.49	5984276
Acenaphthene	ng/g	<0.11	0.11	0.459	0.073	0.49	<0.11	0.11	0.49	5984276
Fluorene	ng/g	<0.075	0.075	0.550	0.045	0.49	<0.057	0.057	0.49	5984276
Phenanthrene	ng/g	0.259	0.093	1.55	0.057	0.49	0.214	0.051	0.49	5984276
Anthracene	ng/g	<0.052	0.052	0.226	0.065	0.49	<0.058	0.058	0.49	5984276
Fluoranthene	ng/g	0.095	0.094	0.954	0.029	0.49	0.080	0.028	0.49	5984276
Pyrene	ng/g	0.080	0.046	0.777	0.029	0.49	0.080	0.028	0.49	5984276
Benzo(a)anthracene	ng/g	<0.044	0.044	0.239	0.046	0.49	<0.029	0.029	0.49	5984276
Chrysene	ng/g	<0.042	0.042	0.277	0.041	0.49	0.063	0.027	0.49	5984276
Benzo(k)fluoranthene	ng/g	<0.055	0.055	0.119	0.034	0.49	<0.055	0.055	0.49	5984276
Benzo(a)pyrene	ng/g	<0.067	0.067	0.169	0.040	0.49	<0.064	0.064	0.49	5984276
Indeno(1,2,3-cd)pyrene	ng/g	<0.040	0.040	0.160	0.060	0.49	<0.053	0.053	0.49	5984276
Dibenz(a,h)anthracene	ng/g	<0.030	0.030	<0.049	0.049	0.49	<0.059	0.059	0.49	5984276
Benzo(g,h,i)perylene	ng/g	<0.056	0.056	0.241	0.058	0.49	0.065	0.064	0.49	5984276
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	26 (1)	N/A	36 (1)	N/A	N/A	33 (1)	N/A	N/A	5984276
Benz(a)anthracene-2H12	%	23 (1)	N/A	25 (1)	N/A	N/A	30 (1)	N/A	N/A	5984276
Benzo(a)pyrene-2H12	%	33 (1)	N/A	40 (1)	N/A	N/A	38 (1)	N/A	N/A	5984276
Benzo(b)fluoranthene-2H12	%	34 (1)	N/A	35 (1)	N/A	N/A	42 (1)	N/A	N/A	5984276
Benzo(g,h,i)perylene-2H12	%	25 (1)	N/A	33 (1)	N/A	N/A	35 (1)	N/A	N/A	5984276
Benzo(k)fluoranthene-2H12	%	25 (1)	N/A	35 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Chrysene-2H12	%	26 (1)	N/A	31 (1)	N/A	N/A	34 (1)	N/A	N/A	5984276
Dibenzo(a,h)anthracene-2H14	%	28 (1)	N/A	37 (1)	N/A	N/A	37 (1)	N/A	N/A	5984276
Fluoranthene-2H10	%	34 (1)	N/A	36 (1)	N/A	N/A	45 (1)	N/A	N/A	5984276
Indeno(1,2,3-c,d)pyrene-2H12	%	27 (1)	N/A	34 (1)	N/A	N/A	38 (1)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ959		IQZ960			IQZ962			
Sampling Date										
	UNITS	KILD-C14 MEAT	EDL	KILD-C15 MEAT	EDL	RDL	KILD-C16 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	23 (1)	N/A	21 (2)	N/A	N/A	25 (3)	N/A	N/A	5984276
Perylene-2H12	%	30 (4)	N/A	47 (4)	N/A	N/A	36 (4)	N/A	N/A	5984276
Phenanthrene-2H10	%	31 (4)	N/A	35 (4)	N/A	N/A	39 (4)	N/A	N/A	5984276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=24%
(2) 13c=21%
(3) 13c=25%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ997				IQZ999			
Sampling Date									
	UNITS	KVS-C01 MEAT	EDL	RDL	QC Batch	KVS-C02 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.30	N/A	N/A	6070556	0.20	N/A	N/A	6070556
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.50	0.50	1.0	6069287	6.13	0.14	0.99	6118079
Naphthalene	ng/g	0.52	0.27	0.50	6069287	0.88	0.43	0.50	6118079
Acenaphthylene	ng/g	<0.16	0.16	0.50	6069287	<0.23	0.23	0.50	6118079
Acenaphthene	ng/g	<0.24	0.24	0.50	6069287	<0.26	0.26	0.50	6118079
Fluorene	ng/g	<0.25	0.25	0.50	6069287	<0.17	0.17	0.50	6118079
Phenanthrene	ng/g	<0.29	0.29	0.50	6069287	0.84	0.17	0.50	6118079
Anthracene	ng/g	<0.30	0.30	0.50	6069287	<0.19	0.19	0.50	6118079
Fluoranthene	ng/g	<0.33	0.33	0.50	6069287	2.10	0.12	0.50	6118079
Pyrene	ng/g	<0.31	0.31	0.50	6069287	2.25	0.12	0.50	6118079
Benzo(a)anthracene	ng/g	<0.18	0.18	0.50	6069287	2.10	0.064	0.50	6118079
Chrysene	ng/g	<0.20	0.20	0.50	6069287	2.89	0.065	0.50	6118079
Benzo(k)fluoranthene	ng/g	<0.35	0.35	0.50	6069287	2.19	0.14	0.50	6118079
Benzo(a)pyrene	ng/g	<0.60	0.60	0.50	6069287	4.16	0.17	0.50	6118079
Indeno(1,2,3-cd)pyrene	ng/g	<0.38	0.38	0.50	6069287	4.12	0.14	0.50	6118079
Dibenz(a,h)anthracene	ng/g	<0.31	0.31	0.50	6069287	1.20	0.24	0.50	6118079
Benzo(g,h,i)perylene	ng/g	<0.27	0.27	0.50	6069287	6.17	0.18	0.50	6118079
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	34 (1)	N/A	N/A	6069287	26 (1)	N/A	N/A	6118079
Benz(a)anthracene-2H12	%	38 (1)	N/A	N/A	6069287	46 (1)	N/A	N/A	6118079
Benzo(a)pyrene-2H12	%	35 (1)	N/A	N/A	6069287	44 (1)	N/A	N/A	6118079
Benzo(b)fluoranthene-2H12	%	35 (1)	N/A	N/A	6069287	48 (1)	N/A	N/A	6118079
Benzo(g,h,i)perylene-2H12	%	44 (1)	N/A	N/A	6069287	42 (1)	N/A	N/A	6118079
Benzo(k)fluoranthene-2H12	%	47 (1)	N/A	N/A	6069287	50	N/A	N/A	6118079
Chrysene-2H12	%	34 (1)	N/A	N/A	6069287	45 (1)	N/A	N/A	6118079
Dibenzo(a,h)anthracene-2H14	%	45 (1)	N/A	N/A	6069287	41 (1)	N/A	N/A	6118079
Fluoranthene-2H10	%	44 (1)	N/A	N/A	6069287	44 (1)	N/A	N/A	6118079
Indeno(1,2,3-c,d)pyrene-2H12	%	50	N/A	N/A	6069287	40 (1)	N/A	N/A	6118079
Naphthalene-2H8	%	31 (1)	N/A	N/A	6069287	33 (2)	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IQZ997				IQZ999			
Sampling Date									
	UNITS	KVS-C01 MEAT	EDL	RDL	QC Batch	KVS-C02 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	49 (1)	N/A	N/A	6069287	47 (1)	N/A	N/A	6118079
Phenanthrene-2H10	%	58	N/A	N/A	6069287	40 (1)	N/A	N/A	6118079

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA001		IRA003			IRA005			
Sampling Date										
	UNITS	KVS-C03 MEAT	EDL	KVS-C04 MEAT	EDL	RDL	KVS-C05 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.40	N/A	0.40	N/A	N/A	0.40	N/A	N/A	6070556
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.11	0.11	<0.11	0.11	0.99	<0.33	0.33	0.98	6069287
Naphthalene	ng/g	0.48	0.20	0.82	0.56	0.49	0.33	0.13	0.49	6069287
Acenaphthylene	ng/g	0.203	0.093	<0.16	0.16	0.49	<0.070	0.070	0.49	6069287
Acenaphthene	ng/g	<0.11	0.11	<0.26	0.26	0.49	<0.093	0.093	0.49	6069287
Fluorene	ng/g	0.102	0.080	<0.10	0.10	0.49	<0.062	0.062	0.49	6069287
Phenanthrene	ng/g	<0.13	0.13	0.25	0.13	0.49	0.112	0.056	0.49	6069287
Anthracene	ng/g	<0.13	0.13	<0.14	0.14	0.49	<0.058	0.058	0.49	6069287
Fluoranthene	ng/g	<0.060	0.060	<0.096	0.096	0.49	<0.070	0.070	0.49	6069287
Pyrene	ng/g	<0.057	0.057	<0.092	0.092	0.49	<0.067	0.067	0.49	6069287
Benzo(a)anthracene	ng/g	<0.062	0.062	<0.071	0.071	0.49	<0.094	0.094	0.49	6069287
Chrysene	ng/g	<0.064	0.064	<0.075	0.075	0.49	<0.097	0.097	0.49	6069287
Benzo(k)fluoranthene	ng/g	<0.087	0.087	<0.095	0.095	0.49	<0.28	0.28	0.49	6069287
Benzo(a)pyrene	ng/g	<0.16	0.16	<0.15	0.15	0.49	<0.54	0.54	0.49	6069287
Indeno(1,2,3-cd)pyrene	ng/g	<0.064	0.064	<0.11	0.11	0.49	<0.24	0.24	0.49	6069287
Dibenz(a,h)anthracene	ng/g	<0.13	0.13	<0.12	0.12	0.49	<0.21	0.21	0.49	6069287
Benzo(g,h,i)perylene	ng/g	<0.094	0.094	<0.12	0.12	0.49	<0.22	0.22	0.49	6069287
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	60	N/A	22 (1)	N/A	N/A	63	N/A	N/A	6069287
Benz(a)anthracene-2H12	%	74	N/A	42 (2)	N/A	N/A	42 (2)	N/A	N/A	6069287
Benzo(a)pyrene-2H12	%	66	N/A	35 (2)	N/A	N/A	63	N/A	N/A	6069287
Benzo(b)fluoranthene-2H12	%	76	N/A	41 (2)	N/A	N/A	77	N/A	N/A	6069287
Benzo(g,h,i)perylene-2H12	%	74	N/A	39 (2)	N/A	N/A	67	N/A	N/A	6069287
Benzo(k)fluoranthene-2H12	%	89	N/A	39 (2)	N/A	N/A	80	N/A	N/A	6069287
Chrysene-2H12	%	69	N/A	39 (2)	N/A	N/A	43 (2)	N/A	N/A	6069287
Dibenzo(a,h)anthracene-2H14	%	92	N/A	42 (2)	N/A	N/A	72	N/A	N/A	6069287
Fluoranthene-2H10	%	80	N/A	42 (2)	N/A	N/A	84	N/A	N/A	6069287
Indeno(1,2,3-c,d)pyrene-2H12	%	91	N/A	38 (2)	N/A	N/A	68	N/A	N/A	6069287
Naphthalene-2H8	%	47 (2)	N/A	11 (3)	N/A	N/A	49 (2)	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery is below method limits. No native found in the sample.
(2) Internal standard recovery meets method limits.
(3) Internal standard recovery is below method limits. Only trace amount of native found.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA001		IRA003			IRA005			
Sampling Date										
	UNITS	KVS-C03 MEAT	EDL	KVS-C04 MEAT	EDL	RDL	KVS-C05 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	84	N/A	41 (1)	N/A	N/A	80	N/A	N/A	6069287
Phenanthrene-2H10	%	84	N/A	35 (1)	N/A	N/A	130	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA007		IRA007				IRA009			
Sampling Date											
	UNITS	KVS-C06 MEAT	EDL	KVS-C06 MEAT Lab-Dup	EDL	RDL	QC Batch	KVS-C07 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.50	N/A	N/A	N/A	N/A	6070556	0.50	N/A	N/A	6070556
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.068	0.068	<0.10	0.10	1.0	6113570	<0.11	0.11	0.98	6069287
Naphthalene	ng/g	0.76	0.31	0.65	0.38	0.50	6113570	0.40	0.24	0.49	6069287
Acenaphthylene	ng/g	<0.21	0.21	<0.33	0.33	0.50	6113570	<0.11	0.11	0.49	6069287
Acenaphthene	ng/g	<0.23	0.23	<0.37	0.37	0.50	6113570	<0.11	0.11	0.49	6069287
Fluorene	ng/g	<0.16	0.16	<0.18	0.18	0.50	6113570	<0.076	0.076	0.49	6069287
Phenanthrene	ng/g	0.34	0.27	0.29	0.20	0.50	6113570	<0.16	0.16	0.49	6069287
Anthracene	ng/g	<0.14	0.14	<0.21	0.21	0.50	6113570	<0.16	0.16	0.49	6069287
Fluoranthene	ng/g	<0.11	0.11	<0.17	0.17	0.50	6113570	<0.079	0.079	0.49	6069287
Pyrene	ng/g	0.14	0.11	<0.16	0.16	0.50	6113570	<0.076	0.076	0.49	6069287
Benzo(a)anthracene	ng/g	<0.11	0.11	<0.14	0.14	0.50	6113570	<0.076	0.076	0.49	6069287
Chrysene	ng/g	<0.12	0.12	<0.15	0.15	0.50	6113570	<0.084	0.084	0.49	6069287
Benzo(k)fluoranthene	ng/g	<0.060	0.060	<0.093	0.093	0.50	6113570	<0.11	0.11	0.49	6069287
Benzo(a)pyrene	ng/g	<0.090	0.090	<0.13	0.13	0.50	6113570	<0.16	0.16	0.49	6069287
Indeno(1,2,3-cd)pyrene	ng/g	<0.057	0.057	<0.13	0.13	0.50	6113570	<0.092	0.092	0.49	6069287
Dibenz(a,h)anthracene	ng/g	<0.083	0.083	<0.18	0.18	0.50	6113570	<0.10	0.10	0.49	6069287
Benzo(g,h,i)perylene	ng/g	0.126	0.068	<0.13	0.13	0.50	6113570	<0.11	0.11	0.49	6069287
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	21 (1)	N/A	25 (1)	N/A	N/A	6113570	39 (1)	N/A	N/A	6069287
Benz(a)anthracene-2H12	%	41 (1)	N/A	38 (1)	N/A	N/A	6113570	56	N/A	N/A	6069287
Benzo(a)pyrene-2H12	%	42 (1)	N/A	35 (1)	N/A	N/A	6113570	51	N/A	N/A	6069287
Benzo(b)fluoranthene-2H12	%	43 (1)	N/A	32 (1)	N/A	N/A	6113570	53	N/A	N/A	6069287
Benzo(g,h,i)perylene-2H12	%	38 (1)	N/A	29 (1)	N/A	N/A	6113570	60	N/A	N/A	6069287
Benzo(k)fluoranthene-2H12	%	44 (1)	N/A	32 (1)	N/A	N/A	6113570	60	N/A	N/A	6069287
Chrysene-2H12	%	38 (1)	N/A	35 (1)	N/A	N/A	6113570	53	N/A	N/A	6069287
Dibenzo(a,h)anthracene-2H14	%	42 (1)	N/A	29 (1)	N/A	N/A	6113570	63	N/A	N/A	6069287
Fluoranthene-2H10	%	35 (1)	N/A	28 (1)	N/A	N/A	6113570	63	N/A	N/A	6069287
Indeno(1,2,3-c,d)pyrene-2H12	%	39 (1)	N/A	27 (1)	N/A	N/A	6113570	60	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA007		IRA007				IRA009			
Sampling Date											
	UNITS	KVS-C06 MEAT	EDL	KVS-C06 MEAT Lab-Dup	EDL	RDL	QC Batch	KVS-C07 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	22 (1)	N/A	26 (2)	N/A	N/A	6113570	29 (3)	N/A	N/A	6069287
Perylene-2H12	%	38 (3)	N/A	29 (3)	N/A	N/A	6113570	57	N/A	N/A	6069287
Phenanthrene-2H10	%	31 (3)	N/A	24 (3)	N/A	N/A	6113570	57	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

13C used.
(2) Internal standard recovery is below method limits.

13C used.
(3) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA009			IRA011			IRA013			
Sampling Date											
	UNITS	KVS-C07 MEAT Lab-Dup	EDL	RDL	KVS-C08 MEAT	EDL	RDL	KVS-C09 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	N/A	N/A	N/A	0.20	N/A	N/A	0.50	N/A	N/A	6070556
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.32	0.32	0.99	<0.13	0.13	0.99	<0.14	0.14	0.98	6069287
Naphthalene	ng/g	1.26	0.62	0.50	0.47	0.23	0.49	0.53	0.33	0.49	6069287
Acenaphthylene	ng/g	<0.35	0.35	0.50	<0.18	0.18	0.49	<0.24	0.24	0.49	6069287
Acenaphthene	ng/g	<0.40	0.40	0.50	<0.14	0.14	0.49	<0.25	0.25	0.49	6069287
Fluorene	ng/g	<0.26	0.26	0.50	<0.17	0.17	0.49	<0.13	0.13	0.49	6069287
Phenanthrene	ng/g	<0.59	0.59	0.50	<0.16	0.16	0.49	0.23	0.22	0.49	6069287
Anthracene	ng/g	<0.62	0.62	0.50	<0.17	0.17	0.49	<0.23	0.23	0.49	6069287
Fluoranthene	ng/g	<0.25	0.25	0.50	<0.10	0.10	0.49	<0.17	0.17	0.49	6069287
Pyrene	ng/g	<0.24	0.24	0.50	<0.10	0.10	0.49	<0.16	0.16	0.49	6069287
Benzo(a)anthracene	ng/g	<0.19	0.19	0.50	<0.10	0.10	0.49	<0.13	0.13	0.49	6069287
Chrysene	ng/g	<0.18	0.18	0.50	<0.10	0.10	0.49	<0.12	0.12	0.49	6069287
Benzo(k)fluoranthene	ng/g	<0.29	0.29	0.50	<0.12	0.12	0.49	<0.12	0.12	0.49	6069287
Benzo(a)pyrene	ng/g	<0.42	0.42	0.50	<0.21	0.21	0.49	<0.18	0.18	0.49	6069287
Indeno(1,2,3-cd)pyrene	ng/g	<0.37	0.37	0.50	<0.11	0.11	0.49	<0.085	0.085	0.49	6069287
Dibenz(a,h)anthracene	ng/g	<0.27	0.27	0.50	<0.14	0.14	0.49	<0.11	0.11	0.49	6069287
Benzo(g,h,i)perylene	ng/g	<0.46	0.46	0.50	<0.14	0.14	0.49	<0.13	0.13	0.49	6069287
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	11 (1)	N/A	N/A	31 (2)	N/A	N/A	22 (1)	N/A	N/A	6069287
Benz(a)anthracene-2H12	%	10 (1)	N/A	N/A	32 (2)	N/A	N/A	22 (2)	N/A	N/A	6069287
Benzo(a)pyrene-2H12	%	14 (1)	N/A	N/A	39 (2)	N/A	N/A	21 (2)	N/A	N/A	6069287
Benzo(b)fluoranthene-2H12	%	12 (1)	N/A	N/A	44 (2)	N/A	N/A	21 (1)	N/A	N/A	6069287
Benzo(g,h,i)perylene-2H12	%	11 (1)	N/A	N/A	38 (2)	N/A	N/A	22 (2)	N/A	N/A	6069287
Benzo(k)fluoranthene-2H12	%	12 (1)	N/A	N/A	45 (2)	N/A	N/A	25 (2)	N/A	N/A	6069287
Chrysene-2H12	%	11 (1)	N/A	N/A	34 (2)	N/A	N/A	23 (2)	N/A	N/A	6069287
Dibenzo(a,h)anthracene-2H14	%	10 (2)	N/A	N/A	41 (2)	N/A	N/A	26 (2)	N/A	N/A	6069287
Fluoranthene-2H10	%	12 (1)	N/A	N/A	40 (2)	N/A	N/A	22 (2)	N/A	N/A	6069287
Indeno(1,2,3-c,d)pyrene-2H12	%	11 (2)	N/A	N/A	43 (2)	N/A	N/A	25 (2)	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery is below method limits. No native found in the sample.
(2) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA009			IRA011			IRA013			
Sampling Date											
	UNITS	KVS-C07 MEAT Lab-Dup	EDL	RDL	KVS-C08 MEAT	EDL	RDL	KVS-C09 MEAT	EDL	RDL	QC Batch
Naphthalene-2H8	%	10 (1)	N/A	N/A	26 (2)	N/A	N/A	22 (2)	N/A	N/A	6069287
Perylene-2H12	%	12 (3)	N/A	N/A	38 (2)	N/A	N/A	25 (2)	N/A	N/A	6069287
Phenanthrene-2H10	%	10 (3)	N/A	N/A	43 (2)	N/A	N/A	22 (3)	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery is below method limits. Only trace amount of native found.
(2) Internal standard recovery meets method limits.
(3) Internal standard recovery is below method limits. No native found in the sample.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA015			IRA017		IRA019		IRA022			
Sampling Date												
	UNITS	KVS-C10 MEAT	EDL	RDL	KVS-C11 MEAT	EDL	KVS-C12 MEAT	EDL	KVS-C14 MEAT	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.40	N/A	N/A	0.40	N/A	0.60	N/A	0.40	N/A	N/A	6070556
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.10	0.10	0.98	<0.32	0.32	<0.15	0.15	<0.12	0.12	1.0	6069287
Naphthalene	ng/g	0.46	0.31	0.49	0.69	0.51	1.42	0.65	0.52	0.21	0.50	6069287
Acenaphthylene	ng/g	<0.18	0.18	0.49	<0.24	0.24	<0.20	0.20	<0.10	0.10	0.50	6069287
Acenaphthene	ng/g	<0.18	0.18	0.49	<0.20	0.20	<0.28	0.28	<0.14	0.14	0.50	6069287
Fluorene	ng/g	<0.11	0.11	0.49	<0.26	0.26	<0.31	0.31	<0.076	0.076	0.50	6069287
Phenanthrene	ng/g	<0.19	0.19	0.49	<0.33	0.33	0.33	0.26	0.19	0.12	0.50	6069287
Anthracene	ng/g	<0.20	0.20	0.49	<0.35	0.35	<0.28	0.28	<0.12	0.12	0.50	6069287
Fluoranthene	ng/g	<0.10	0.10	0.49	<0.27	0.27	<0.18	0.18	<0.080	0.080	0.50	6069287
Pyrene	ng/g	<0.10	0.10	0.49	<0.26	0.26	0.26	0.17	<0.077	0.077	0.50	6069287
Benzo(a)anthracene	ng/g	<0.081	0.081	0.49	<0.14	0.14	<0.11	0.11	<0.085	0.085	0.50	6069287
Chrysene	ng/g	<0.079	0.079	0.49	<0.15	0.15	<0.11	0.11	<0.084	0.084	0.50	6069287
Benzo(k)fluoranthene	ng/g	<0.096	0.096	0.49	<0.30	0.30	<0.11	0.11	<0.10	0.10	0.50	6069287
Benzo(a)pyrene	ng/g	<0.16	0.16	0.49	<0.39	0.39	<0.21	0.21	<0.18	0.18	0.50	6069287
Indeno(1,2,3-cd)pyrene	ng/g	<0.12	0.12	0.49	<0.23	0.23	<0.13	0.13	<0.10	0.10	0.50	6069287
Dibenz(a,h)anthracene	ng/g	<0.089	0.089	0.49	<0.31	0.31	<0.12	0.12	<0.097	0.097	0.50	6069287
Benzo(g,h,i)perylene	ng/g	<0.17	0.17	0.49	<0.25	0.25	<0.18	0.18	<0.14	0.14	0.50	6069287
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	29 (1)	N/A	N/A	16 (2)	N/A	23 (1)	N/A	28 (1)	N/A	N/A	6069287
Benz(a)anthracene-2H12	%	32 (1)	N/A	N/A	15 (1)	N/A	34 (1)	N/A	31 (1)	N/A	N/A	6069287
Benzo(a)pyrene-2H12	%	30 (1)	N/A	N/A	17 (2)	N/A	26 (1)	N/A	35 (1)	N/A	N/A	6069287
Benzo(b)fluoranthene-2H12	%	35 (1)	N/A	N/A	16 (2)	N/A	30 (1)	N/A	44 (1)	N/A	N/A	6069287
Benzo(g,h,i)perylene-2H12	%	31 (1)	N/A	N/A	16 (1)	N/A	27 (1)	N/A	38 (1)	N/A	N/A	6069287
Benzo(k)fluoranthene-2H12	%	38 (1)	N/A	N/A	15 (1)	N/A	33 (1)	N/A	44 (1)	N/A	N/A	6069287
Chrysene-2H12	%	33 (1)	N/A	N/A	15 (1)	N/A	35 (1)	N/A	34 (1)	N/A	N/A	6069287
Dibenzo(a,h)anthracene-2H14	%	35 (1)	N/A	N/A	15 (1)	N/A	33 (1)	N/A	47 (1)	N/A	N/A	6069287
Fluoranthene-2H10	%	34 (1)	N/A	N/A	16 (2)	N/A	31 (1)	N/A	39 (1)	N/A	N/A	6069287
Indeno(1,2,3-c,d)pyrene-2H12	%	36 (1)	N/A	N/A	16 (1)	N/A	33 (1)	N/A	47 (1)	N/A	N/A	6069287
Naphthalene-2H8	%	26 (1)	N/A	N/A	14 (1)	N/A	17 (1)	N/A	24 (1)	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery is below method limits. No native found in the sample.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA015			IRA017		IRA019		IRA022			
Sampling Date												
	UNITS	KVS-C10 MEAT	EDL	RDL	KVS-C11 MEAT	EDL	KVS-C12 MEAT	EDL	KVS-C14 MEAT	EDL	RDL	QC Batch
Perylene-2H12	%	35 (1)	N/A	N/A	17 (2)	N/A	30 (1)	N/A	42 (1)	N/A	N/A	6069287
Phenanthrene-2H10	%	35 (1)	N/A	N/A	16 (3)	N/A	26 (1)	N/A	40 (1)	N/A	N/A	6069287

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(3) Internal standard recovery is below method limits. No native found in the sample.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA026				IRA031		IRA032			
Sampling Date											
	UNITS	KVS-C17 MEAT	EDL	RDL	QC Batch	KILD-CLAMS 01	EDL	KILD-CLAMS 02	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.60	N/A	N/A	6070556	0.70	N/A	1.0	N/A	N/A	5961364
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.14	0.14	0.98	6069287	<0.067	0.067	0.61	0.19	0.99	5982955
Naphthalene	ng/g	0.89	0.37	0.49	6069287	1.07	0.19	1.58	0.28	0.49	5982955
Acenaphthylene	ng/g	<0.17	0.17	0.49	6069287	<0.044	0.044	0.144	0.091	0.49	5982955
Acenaphthene	ng/g	<0.26	0.26	0.49	6069287	<0.11	0.11	<0.16	0.16	0.49	5982955
Fluorene	ng/g	<0.25	0.25	0.49	6069287	0.090	0.060	0.14	0.11	0.49	5982955
Phenanthrene	ng/g	0.33	0.22	0.49	6069287	0.14	0.11	0.509	0.068	0.49	5982955
Anthracene	ng/g	<0.23	0.23	0.49	6069287	<0.12	0.12	<0.076	0.076	0.49	5982955
Fluoranthene	ng/g	<0.12	0.12	0.49	6069287	<0.094	0.094	1.50	0.10	0.49	5982955
Pyrene	ng/g	<0.11	0.11	0.49	6069287	<0.092	0.092	0.57	0.10	0.49	5982955
Benzo(a)anthracene	ng/g	<0.15	0.15	0.49	6069287	<0.16	0.16	<0.29	0.29	0.49	5982955
Chrysene	ng/g	<0.15	0.15	0.49	6069287	<0.14	0.14	0.81	0.32	0.49	5982955
Benzo(k)fluoranthene	ng/g	<0.12	0.12	0.49	6069287	<0.079	0.079	0.32	0.23	0.49	5982955
Benzo(a)pyrene	ng/g	<0.22	0.22	0.49	6069287	<0.093	0.093	0.29	0.27	0.49	5982955
Indeno(1,2,3-cd)pyrene	ng/g	<0.19	0.19	0.49	6069287	<0.12	0.12	<0.68	0.68	0.49	5982955
Dibenz(a,h)anthracene	ng/g	<0.12	0.12	0.49	6069287	<0.078	0.078	<0.27	0.27	0.49	5982955
Benzo(g,h,i)perylene	ng/g	<0.23	0.23	0.49	6069287	<0.098	0.098	<0.59	0.59	0.49	5982955
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	21 (1)	N/A	N/A	6069287	52	N/A	35 (2)	N/A	N/A	5982955
Benz(a)anthracene-2H12	%	20 (3)	N/A	N/A	6069287	44 (2)	N/A	21 (2)	N/A	N/A	5982955
Benzo(a)pyrene-2H12	%	21 (3)	N/A	N/A	6069287	67	N/A	42 (2)	N/A	N/A	5982955
Benzo(b)fluoranthene-2H12	%	22 (1)	N/A	N/A	6069287	63	N/A	44 (2)	N/A	N/A	5982955
Benzo(g,h,i)perylene-2H12	%	21 (3)	N/A	N/A	6069287	57	N/A	32 (2)	N/A	N/A	5982955
Benzo(k)fluoranthene-2H12	%	26 (3)	N/A	N/A	6069287	65	N/A	37 (2)	N/A	N/A	5982955
Chrysene-2H12	%	22 (3)	N/A	N/A	6069287	49 (2)	N/A	19 (2)	N/A	N/A	5982955
Dibenzo(a,h)anthracene-2H14	%	22 (3)	N/A	N/A	6069287	53	N/A	30 (2)	N/A	N/A	5982955
Fluoranthene-2H10	%	21 (3)	N/A	N/A	6069287	65	N/A	37 (2)	N/A	N/A	5982955
Indeno(1,2,3-c,d)pyrene-2H12	%	22 (3)	N/A	N/A	6069287	47 (2)	N/A	28 (2)	N/A	N/A	5982955

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery is below method limits. No native found in the sample.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(3) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA026				IRA031		IRA032			
Sampling Date											
	UNITS	KVS-C17 MEAT	EDL	RDL	QC Batch	KILD-CLAMS 01	EDL	KILD-CLAMS 02	EDL	RDL	QC Batch
Naphthalene-2H8	%	16 (1)	N/A	N/A	6069287	29 (2)	N/A	22 (3)	N/A	N/A	5982955
Perylene-2H12	%	22 (1)	N/A	N/A	6069287	60	N/A	35 (3)	N/A	N/A	5982955
Phenanthrene-2H10	%	18 (1)	N/A	N/A	6069287	58	N/A	45 (3)	N/A	N/A	5982955

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=29%
(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA033			IRA033				IRA034			
Sampling Date												
	UNITS	KILD-CLAMS 03	EDL	RDL	KILD-CLAMS 03 Lab-Dup	EDL	RDL	QC Batch	KILD-CLAMS 04	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	1.1	N/A	N/A	N/A	N/A	N/A	5961364	1.2	N/A	N/A	5961364
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.078	0.078	1.0	<0.15	0.15	0.97	5982955	<0.13	0.13	1.0	5988751
Naphthalene	ng/g	0.88	0.18	0.50	1.77	0.33	0.49	5982955	1.23	0.25	0.50	5988751
Acenaphthylene	ng/g	<0.069	0.069	0.50	<0.11	0.11	0.49	5982955	<0.098	0.098	0.50	5988751
Acenaphthene	ng/g	<0.068	0.068	0.50	<0.17	0.17	0.49	5982955	<0.12	0.12	0.50	5988751
Fluorene	ng/g	0.051	0.026	0.50	0.234	0.093	0.49	5982955	0.258	0.070	0.50	5988751
Phenanthrene	ng/g	0.191	0.023	0.50	0.54	0.15	0.49	5982955	0.672	0.071	0.50	5988751
Anthracene	ng/g	<0.026	0.026	0.50	<0.17	0.17	0.49	5982955	0.561	0.078	0.50	5988751
Fluoranthene	ng/g	<0.096	0.096	0.50	0.267	0.089	0.49	5982955	0.341	0.098	0.50	5988751
Pyrene	ng/g	<0.094	0.094	0.50	0.122	0.087	0.49	5982955	0.376	0.098	0.50	5988751
Benzo(a)anthracene	ng/g	<0.072	0.072	0.50	<0.080	0.080	0.49	5982955	<0.13	0.13	0.50	5988751
Chrysene	ng/g	<0.081	0.081	0.50	<0.086	0.086	0.49	5982955	0.24	0.14	0.50	5988751
Benzo(k)fluoranthene	ng/g	<0.092	0.092	0.50	<0.18	0.18	0.49	5982955	<0.13	0.13	0.50	5988751
Benzo(a)pyrene	ng/g	<0.11	0.11	0.50	<0.20	0.20	0.49	5982955	<0.15	0.15	0.50	5988751
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	0.50	<0.25	0.25	0.49	5982955	0.32	0.18	0.50	5988751
Dibenz(a,h)anthracene	ng/g	<0.18	0.18	0.50	<0.26	0.26	0.49	5982955	0.19	0.12	0.50	5988751
Benzo(g,h,i)perylene	ng/g	<0.15	0.15	0.50	<0.24	0.24	0.49	5982955	0.40	0.17	0.50	5988751
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	64	N/A	N/A	21 (1)	N/A	N/A	5982955	23 (1)	N/A	N/A	5988751
Benz(a)anthracene-2H12	%	47 (1)	N/A	N/A	12 (1)	N/A	N/A	5982955	19 (1)	N/A	N/A	5988751
Benzo(a)pyrene-2H12	%	82	N/A	N/A	20 (1)	N/A	N/A	5982955	31 (1)	N/A	N/A	5988751
Benzo(b)fluoranthene-2H12	%	86	N/A	N/A	17 (1)	N/A	N/A	5982955	25 (1)	N/A	N/A	5988751
Benzo(g,h,i)perylene-2H12	%	62	N/A	N/A	15 (1)	N/A	N/A	5982955	20 (1)	N/A	N/A	5988751
Benzo(k)fluoranthene-2H12	%	76	N/A	N/A	16 (1)	N/A	N/A	5982955	22 (1)	N/A	N/A	5988751
Chrysene-2H12	%	44 (1)	N/A	N/A	12 (1)	N/A	N/A	5982955	19 (1)	N/A	N/A	5988751
Dibenzo(a,h)anthracene-2H14	%	79	N/A	N/A	18 (1)	N/A	N/A	5982955	21 (1)	N/A	N/A	5988751
Fluoranthene-2H10	%	79	N/A	N/A	23 (1)	N/A	N/A	5982955	27 (1)	N/A	N/A	5988751
Indeno(1,2,3-c,d)pyrene-2H12	%	64	N/A	N/A	13 (1)	N/A	N/A	5982955	20 (1)	N/A	N/A	5988751

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA033			IRA033				IRA034			
Sampling Date												
	UNITS	KILD-CLAMS 03	EDL	RDL	KILD-CLAMS 03 Lab-Dup	EDL	RDL	QC Batch	KILD-CLAMS 04	EDL	RDL	QC Batch
Naphthalene-2H8	%	34 (1)	N/A	N/A	15 (2)	N/A	N/A	5982955	22 (3)	N/A	N/A	5988751
Perylene-2H12	%	71	N/A	N/A	20 (4)	N/A	N/A	5982955	21 (4)	N/A	N/A	5988751
Phenanthrene-2H10	%	97	N/A	N/A	26 (4)	N/A	N/A	5982955	31 (4)	N/A	N/A	5988751

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c=34%
(2) 13c=15%
(3) 13c=21%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA035			IRA036			
Sampling Date								
	UNITS	KILD-CLAMS 05	EDL	QC Batch	KILD-CLAMS 06	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	1.2	N/A	5961364	1.4	N/A	N/A	5961364
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.10	0.10	5982955	<0.17	0.17	0.99	5995364
Naphthalene	ng/g	1.41	0.15	5982955	1.11	0.13	0.50	5995364
Acenaphthylene	ng/g	0.064	0.041	5982955	0.124	0.064	0.50	5995364
Acenaphthene	ng/g	<0.074	0.074	5982955	<0.18	0.18	0.50	5995364
Fluorene	ng/g	0.158	0.029	5982955	0.22	0.12	0.50	5995364
Phenanthrene	ng/g	0.474	0.045	5982955	0.79	0.21	0.50	5995364
Anthracene	ng/g	0.379	0.051	5982955	<0.23	0.23	0.50	5995364
Fluoranthene	ng/g	0.243	0.053	5982955	0.27	0.14	0.50	5995364
Pyrene	ng/g	0.431	0.052	5982955	0.18	0.13	0.50	5995364
Benzo(a)anthracene	ng/g	0.056	0.048	5982955	<0.13	0.13	0.50	5995364
Chrysene	ng/g	0.090	0.048	5982955	<0.14	0.14	0.50	5995364
Benzo(k)fluoranthene	ng/g	<0.12	0.12	5982955	<0.17	0.17	0.50	5995364
Benzo(a)pyrene	ng/g	<0.15	0.15	5982955	<0.24	0.24	0.50	5995364
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	5982955	<0.26	0.26	0.50	5995364
Dibenz(a,h)anthracene	ng/g	<0.15	0.15	5982955	<0.22	0.22	0.50	5995364
Benzo(g,h,i)perylene	ng/g	<0.16	0.16	5982955	0.41	0.24	0.50	5995364
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	28 (1)	N/A	5982955	53	N/A	N/A	5995364
Benz(a)anthracene-2H12	%	19 (1)	N/A	5982955	50	N/A	N/A	5995364
Benzo(a)pyrene-2H12	%	28 (1)	N/A	5982955	66	N/A	N/A	5995364
Benzo(b)fluoranthene-2H12	%	28 (1)	N/A	5982955	71	N/A	N/A	5995364
Benzo(g,h,i)perylene-2H12	%	21 (1)	N/A	5982955	47 (1)	N/A	N/A	5995364
Benzo(k)fluoranthene-2H12	%	24 (1)	N/A	5982955	61	N/A	N/A	5995364
Chrysene-2H12	%	19 (1)	N/A	5982955	41 (1)	N/A	N/A	5995364
Dibenzo(a,h)anthracene-2H14	%	23 (1)	N/A	5982955	45 (1)	N/A	N/A	5995364
Fluoranthene-2H10	%	31 (1)	N/A	5982955	60	N/A	N/A	5995364
Indeno(1,2,3-c,d)pyrene-2H12	%	19 (1)	N/A	5982955	42 (1)	N/A	N/A	5995364
Naphthalene-2H8	%	0 (1)	N/A	5982955	44 (2)	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) 13c=44%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA035			IRA036			
Sampling Date								
	UNITS	KILD-CLAMS 05	EDL	QC Batch	KILD-CLAMS 06	EDL	RDL	QC Batch
Perylene-2H12	%	26 (1)	N/A	5982955	58	N/A	N/A	5995364
Phenanthrene-2H10	%	37 (1)	N/A	5982955	58	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA037		IRA038				IRA039			
Sampling Date											
	UNITS	KILD-CLAMS 07	EDL	KILD-CLAMS 08	EDL	RDL	QC Batch	KILD-CLAMS 09	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	1.2	N/A	1.2	N/A	N/A	5961364	1.6	N/A	N/A	5961364
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.16	0.16	<0.059	0.059	1.0	5988751	<0.12	0.12	0.99	5995364
Naphthalene	ng/g	1.38	0.16	0.73	0.14	0.50	5988751	0.71	0.12	0.50	5995364
Acenaphthylene	ng/g	0.162	0.081	0.061	0.038	0.50	5988751	<0.055	0.055	0.50	5995364
Acenaphthene	ng/g	<0.11	0.11	<0.093	0.093	0.50	5988751	<0.067	0.067	0.50	5995364
Fluorene	ng/g	0.19	0.13	0.111	0.046	0.50	5988751	0.14	0.10	0.50	5995364
Phenanthrene	ng/g	0.41	0.14	0.251	0.052	0.50	5988751	0.46	0.10	0.50	5995364
Anthracene	ng/g	<0.16	0.16	0.070	0.057	0.50	5988751	<0.11	0.11	0.50	5995364
Fluoranthene	ng/g	0.178	0.067	0.082	0.040	0.50	5988751	0.127	0.076	0.50	5995364
Pyrene	ng/g	0.116	0.066	0.090	0.040	0.50	5988751	0.081	0.073	0.50	5995364
Benzo(a)anthracene	ng/g	<0.057	0.057	<0.032	0.032	0.50	5988751	<0.13	0.13	0.50	5995364
Chrysene	ng/g	<0.062	0.062	<0.035	0.035	0.50	5988751	<0.12	0.12	0.50	5995364
Benzo(k)fluoranthene	ng/g	<0.18	0.18	<0.070	0.070	0.50	5988751	<0.13	0.13	0.50	5995364
Benzo(a)pyrene	ng/g	<0.21	0.21	<0.077	0.077	0.50	5988751	<0.18	0.18	0.50	5995364
Indeno(1,2,3-cd)pyrene	ng/g	<0.26	0.26	<0.098	0.098	0.50	5988751	<0.18	0.18	0.50	5995364
Dibenz(a,h)anthracene	ng/g	<0.19	0.19	<0.092	0.092	0.50	5988751	<0.093	0.093	0.50	5995364
Benzo(g,h,i)perylene	ng/g	<0.26	0.26	<0.098	0.098	0.50	5988751	0.25	0.16	0.50	5995364
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	46 (1)	N/A	47 (1)	N/A	N/A	5988751	66	N/A	N/A	5995364
Benz(a)anthracene-2H12	%	32 (1)	N/A	44 (1)	N/A	N/A	5988751	54	N/A	N/A	5995364
Benzo(a)pyrene-2H12	%	63	N/A	67	N/A	N/A	5988751	82	N/A	N/A	5995364
Benzo(b)fluoranthene-2H12	%	51	N/A	68	N/A	N/A	5988751	93	N/A	N/A	5995364
Benzo(g,h,i)perylene-2H12	%	40 (1)	N/A	54	N/A	N/A	5988751	74	N/A	N/A	5995364
Benzo(k)fluoranthene-2H12	%	54	N/A	58	N/A	N/A	5988751	83	N/A	N/A	5995364
Chrysene-2H12	%	31 (1)	N/A	41 (1)	N/A	N/A	5988751	51	N/A	N/A	5995364
Dibenzo(a,h)anthracene-2H14	%	42 (1)	N/A	58	N/A	N/A	5988751	77	N/A	N/A	5995364
Fluoranthene-2H10	%	50	N/A	57	N/A	N/A	5988751	85	N/A	N/A	5995364
Indeno(1,2,3-c,d)pyrene-2H12	%	36 (1)	N/A	52	N/A	N/A	5988751	65	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA037		IRA038				IRA039			
Sampling Date											
	UNITS	KILD-CLAMS 07	EDL	KILD-CLAMS 08	EDL	RDL	QC Batch	KILD-CLAMS 09	EDL	RDL	QC Batch
Naphthalene-2H8	%	26 (1)	N/A	34 (2)	N/A	N/A	5988751	63 (3)	N/A	N/A	5995364
Perylene-2H12	%	49 (4)	N/A	61	N/A	N/A	5988751	88	N/A	N/A	5995364
Phenanthrene-2H10	%	49 (4)	N/A	61	N/A	N/A	5988751	93	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=27%
(2) 13c=33%
(3) 13c=63%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA040				IRA041			
Sampling Date									
	UNITS	KILD-CLAMS 10	EDL	RDL	QC Batch	KILD-CLAMS 11	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.1	N/A	N/A	5961364	1.3	N/A	N/A	5961364
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.30	0.30	1.0	5988751	<0.33	0.33	0.99	5995364
Naphthalene	ng/g	1.68	0.17	0.50	5988751	0.822	0.089	0.50	5995364
Acenaphthylene	ng/g	0.127	0.066	0.50	5988751	<0.059	0.059	0.50	5995364
Acenaphthene	ng/g	<0.12	0.12	0.50	5988751	<0.073	0.073	0.50	5995364
Fluorene	ng/g	0.36	0.12	0.50	5988751	0.200	0.070	0.50	5995364
Phenanthrene	ng/g	0.67	0.15	0.50	5988751	0.59	0.13	0.50	5995364
Anthracene	ng/g	0.21	0.16	0.50	5988751	<0.14	0.14	0.50	5995364
Fluoranthene	ng/g	0.31	0.14	0.50	5988751	0.169	0.060	0.50	5995364
Pyrene	ng/g	0.34	0.14	0.50	5988751	0.114	0.058	0.50	5995364
Benzo(a)anthracene	ng/g	<0.12	0.12	0.50	5988751	<0.14	0.14	0.50	5995364
Chrysene	ng/g	<0.13	0.13	0.50	5988751	<0.15	0.15	0.50	5995364
Benzo(k)fluoranthene	ng/g	<0.32	0.32	0.50	5988751	<0.33	0.33	0.50	5995364
Benzo(a)pyrene	ng/g	<0.31	0.31	0.50	5988751	<0.44	0.44	0.50	5995364
Indeno(1,2,3-cd)pyrene	ng/g	<0.23	0.23	0.50	5988751	<0.29	0.29	0.50	5995364
Dibenz(a,h)anthracene	ng/g	<0.21	0.21	0.50	5988751	<0.30	0.30	0.50	5995364
Benzo(g,h,i)perylene	ng/g	<0.18	0.18	0.50	5988751	0.57	0.23	0.50	5995364
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	21 (1)	N/A	N/A	5988751	69	N/A	N/A	5995364
Benz(a)anthracene-2H12	%	11 (1)	N/A	N/A	5988751	39 (1)	N/A	N/A	5995364
Benzo(a)pyrene-2H12	%	24 (1)	N/A	N/A	5988751	80	N/A	N/A	5995364
Benzo(b)fluoranthene-2H12	%	16 (1)	N/A	N/A	5988751	72	N/A	N/A	5995364
Benzo(g,h,i)perylene-2H12	%	16 (1)	N/A	N/A	5988751	72	N/A	N/A	5995364
Benzo(k)fluoranthene-2H12	%	15 (1)	N/A	N/A	5988751	78	N/A	N/A	5995364
Chrysene-2H12	%	11 (1)	N/A	N/A	5988751	36 (1)	N/A	N/A	5995364
Dibenzo(a,h)anthracene-2H14	%	17 (1)	N/A	N/A	5988751	65	N/A	N/A	5995364
Fluoranthene-2H10	%	18 (1)	N/A	N/A	5988751	86	N/A	N/A	5995364
Indeno(1,2,3-c,d)pyrene-2H12	%	14 (1)	N/A	N/A	5988751	61	N/A	N/A	5995364
Naphthalene-2H8	%	21 (1)	N/A	N/A	5988751	58 (2)	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(2) 13c=58%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA040				IRA041			
Sampling Date									
	UNITS	KILD-CLAMS 10	EDL	RDL	QC Batch	KILD-CLAMS 11	EDL	RDL	QC Batch
Perylene-2H12	%	15 (1)	N/A	N/A	5988751	77	N/A	N/A	5995364
Phenanthrene-2H10	%	20 (1)	N/A	N/A	5988751	121	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA042		IRA043			IRA044			
Sampling Date										
	UNITS	KILD-CLAMS 12	EDL	KILD-CLAMS 13	EDL	QC Batch	KILD-CLAMS 14	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	1.3	N/A	1.2	N/A	5961364	1.3	N/A	N/A	5961364
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.21	0.21	<0.15	0.15	5988751	<0.26	0.26	1.0	5995364
Naphthalene	ng/g	0.94	0.24	1.60	0.29	5988751	1.38	0.17	0.50	5995364
Acenaphthylene	ng/g	<0.11	0.11	<0.11	0.11	5988751	0.17	0.11	0.50	5995364
Acenaphthene	ng/g	<0.16	0.16	<0.20	0.20	5988751	<0.11	0.11	0.50	5995364
Fluorene	ng/g	0.43	0.22	0.25	0.16	5988751	0.190	0.062	0.50	5995364
Phenanthrene	ng/g	0.76	0.21	0.83	0.15	5988751	0.71	0.11	0.50	5995364
Anthracene	ng/g	<0.24	0.24	0.24	0.17	5988751	<0.12	0.12	0.50	5995364
Fluoranthene	ng/g	0.33	0.14	0.34	0.11	5988751	0.21	0.19	0.50	5995364
Pyrene	ng/g	0.27	0.14	0.16	0.11	5988751	<0.18	0.18	0.50	5995364
Benzo(a)anthracene	ng/g	<0.18	0.18	<0.16	0.16	5988751	<0.24	0.24	0.50	5995364
Chrysene	ng/g	<0.16	0.16	<0.16	0.16	5988751	<0.28	0.28	0.50	5995364
Benzo(k)fluoranthene	ng/g	<0.27	0.27	<0.19	0.19	5988751	<0.24	0.24	0.50	5995364
Benzo(a)pyrene	ng/g	<0.33	0.33	<0.24	0.24	5988751	<0.30	0.30	0.50	5995364
Indeno(1,2,3-cd)pyrene	ng/g	<0.29	0.29	<0.26	0.26	5988751	<0.69	0.69	0.50	5995364
Dibenz(a,h)anthracene	ng/g	<0.20	0.20	<0.19	0.19	5988751	<0.54	0.54	0.50	5995364
Benzo(g,h,i)perylene	ng/g	<0.28	0.28	<0.30	0.30	5988751	<0.70	0.70	0.50	5995364
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	22 (1)	N/A	24 (1)	N/A	5988751	50	N/A	N/A	5995364
Benz(a)anthracene-2H12	%	12 (1)	N/A	12 (1)	N/A	5988751	42 (1)	N/A	N/A	5995364
Benzo(a)pyrene-2H12	%	22 (1)	N/A	18 (1)	N/A	5988751	60	N/A	N/A	5995364
Benzo(b)fluoranthene-2H12	%	24 (1)	N/A	20 (1)	N/A	5988751	61	N/A	N/A	5995364
Benzo(g,h,i)perylene-2H12	%	13 (1)	N/A	16 (1)	N/A	5988751	36 (1)	N/A	N/A	5995364
Benzo(k)fluoranthene-2H12	%	20 (1)	N/A	17 (1)	N/A	5988751	65	N/A	N/A	5995364
Chrysene-2H12	%	13 (1)	N/A	12 (1)	N/A	5988751	33 (1)	N/A	N/A	5995364
Dibenzo(a,h)anthracene-2H14	%	18 (1)	N/A	16 (1)	N/A	5988751	42 (1)	N/A	N/A	5995364
Fluoranthene-2H10	%	22 (1)	N/A	21 (1)	N/A	5988751	58	N/A	N/A	5995364
Indeno(1,2,3-c,d)pyrene-2H12	%	14 (1)	N/A	15 (1)	N/A	5988751	34 (1)	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA042		IRA043			IRA044			
Sampling Date										
	UNITS	KILD-CLAMS 12	EDL	KILD-CLAMS 13	EDL	QC Batch	KILD-CLAMS 14	EDL	RDL	QC Batch
Naphthalene-2H8	%	25 (1)	N/A	23 (2)	N/A	5988751	46 (3)	N/A	N/A	5995364
Perylene-2H12	%	17 (4)	N/A	18 (4)	N/A	5988751	51	N/A	N/A	5995364
Phenanthrene-2H10	%	22 (4)	N/A	26 (4)	N/A	5988751	65	N/A	N/A	5995364

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c=23%
(2) 13c=22%
(3) 13c=46%
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA045			IRA045				IRA064			
Sampling Date												
	UNITS	KILD-CLAMS 15	EDL	RDL	KILD-CLAMS 15 Lab-Dup	EDL	RDL	QC Batch	HARBOUR-SOLE-01	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	1.1	N/A	N/A	N/A	N/A	N/A	5961364	0.90	N/A	N/A	6079705
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<1.2	1.2	1.0	<0.13	0.13	0.99	5995364	<0.30	0.30	1.5	6127502
Naphthalene	ng/g	2.80	0.38	0.50	0.991 (1)	0.090	0.50	5995364	0.84	0.59	0.76	6127502
Acenaphthylene	ng/g	<0.43	0.43	0.50	<0.070	0.070	0.50	5995364	<0.41	0.41	0.76	6127502
Acenaphthene	ng/g	<0.40	0.40	0.50	<0.092	0.092	0.50	5995364	<0.45	0.45	0.76	6127502
Fluorene	ng/g	0.91	0.43	0.50	0.150	0.074	0.50	5995364	<0.23	0.23	0.76	6127502
Phenanthrene	ng/g	2.6	1.1	0.50	0.56 (1)	0.11	0.50	5995364	<0.49	0.49	0.76	6127502
Anthracene	ng/g	<1.2	1.2	0.50	<0.12	0.12	0.50	5995364	<0.53	0.53	0.76	6127502
Fluoranthene	ng/g	0.85	0.59	0.50	0.122	0.058	0.50	5995364	<0.39	0.39	0.76	6127502
Pyrene	ng/g	<0.57	0.57	0.50	0.134	0.056	0.50	5995364	<0.39	0.39	0.76	6127502
Benzo(a)anthracene	ng/g	<0.62	0.62	0.50	<0.077	0.077	0.50	5995364	<0.26	0.26	0.76	6127502
Chrysene	ng/g	<0.72	0.72	0.50	<0.087	0.087	0.50	5995364	<0.27	0.27	0.76	6127502
Benzo(k)fluoranthene	ng/g	<1.1	1.1	0.50	<0.13	0.13	0.50	5995364	<0.26	0.26	0.76	6127502
Benzo(a)pyrene	ng/g	<1.2	1.2	0.50	<0.20	0.20	0.50	5995364	<0.36	0.36	0.76	6127502
Indeno(1,2,3-cd)pyrene	ng/g	<1.5	1.5	0.50	<0.12	0.12	0.50	5995364	<0.49	0.49	0.76	6127502
Dibenz(a,h)anthracene	ng/g	<1.1	1.1	0.50	<0.13	0.13	0.50	5995364	<0.24	0.24	0.76	6127502
Benzo(g,h,i)perylene	ng/g	1.8	1.4	0.50	0.29 (1)	0.11	0.50	5995364	<0.57	0.57	0.76	6127502
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	15 (1)	N/A	N/A	60	N/A	N/A	5995364	81	N/A	N/A	6127502
Benz(a)anthracene-2H12	%	7.0 (1)	N/A	N/A	58	N/A	N/A	5995364	70	N/A	N/A	6127502
Benzo(a)pyrene-2H12	%	20 (1)	N/A	N/A	73	N/A	N/A	5995364	80	N/A	N/A	6127502
Benzo(b)fluoranthene-2H12	%	10 (1)	N/A	N/A	88	N/A	N/A	5995364	80	N/A	N/A	6127502
Benzo(g,h,i)perylene-2H12	%	10 (1)	N/A	N/A	72	N/A	N/A	5995364	64	N/A	N/A	6127502
Benzo(k)fluoranthene-2H12	%	11 (1)	N/A	N/A	75	N/A	N/A	5995364	76	N/A	N/A	6127502
Chrysene-2H12	%	6.0 (1)	N/A	N/A	51	N/A	N/A	5995364	70	N/A	N/A	6127502
Dibenzo(a,h)anthracene-2H14	%	11 (1)	N/A	N/A	73	N/A	N/A	5995364	75	N/A	N/A	6127502
Fluoranthene-2H10	%	13 (1)	N/A	N/A	74	N/A	N/A	5995364	76	N/A	N/A	6127502
Indeno(1,2,3-c,d)pyrene-2H12	%	10 (1)	N/A	N/A	62	N/A	N/A	5995364	56	N/A	N/A	6127502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA045			IRA045				IRA064			
Sampling Date												
	UNITS	KILD-CLAMS 15	EDL	RDL	KILD-CLAMS 15 Lab-Dup	EDL	RDL	QC Batch	HARBOUR-SOLE-01	EDL	RDL	QC Batch
Naphthalene-2H8	%	17 (1)	N/A	N/A	54 (2)	N/A	N/A	5995364	86 (3)	N/A	N/A	6127502
Perylene-2H12	%	13 (4)	N/A	N/A	78	N/A	N/A	5995364	84	N/A	N/A	6127502
Phenanthrene-2H10	%	20 (4)	N/A	N/A	81	N/A	N/A	5995364	80	N/A	N/A	6127502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c=17%
(2) 13c=54%
(3) 13C6
(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA065			IRA066			
Sampling Date								
	UNITS	HARBOUR-SOLE-02	EDL	RDL	HARBOUR-SOLE-03	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.80	N/A	N/A	1.4	N/A	N/A	6079705
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.14	0.14	1.0	<0.074	0.074	0.99	6113570
Naphthalene	ng/g	1.39	0.80	0.50	1.12	0.44	0.50	6113570
Acenaphthylene	ng/g	<0.20	0.20	0.50	<0.18	0.18	0.50	6113570
Acenaphthene	ng/g	0.35	0.28	0.50	0.90	0.18	0.50	6113570
Fluorene	ng/g	0.15	0.12	0.50	0.205	0.053	0.50	6113570
Phenanthrene	ng/g	0.32	0.16	0.50	0.317	0.094	0.50	6113570
Anthracene	ng/g	<0.17	0.17	0.50	<0.099	0.099	0.50	6113570
Fluoranthene	ng/g	<0.14	0.14	0.50	<0.18	0.18	0.50	6113570
Pyrene	ng/g	<0.14	0.14	0.50	<0.17	0.17	0.50	6113570
Benzo(a)anthracene	ng/g	<0.11	0.11	0.50	<0.11	0.11	0.50	6113570
Chrysene	ng/g	<0.12	0.12	0.50	<0.12	0.12	0.50	6113570
Benzo(k)fluoranthene	ng/g	<0.13	0.13	0.50	<0.070	0.070	0.50	6113570
Benzo(a)pyrene	ng/g	<0.17	0.17	0.50	<0.093	0.093	0.50	6113570
Indeno(1,2,3-cd)pyrene	ng/g	<0.099	0.099	0.50	<0.044	0.044	0.50	6113570
Dibenz(a,h)anthracene	ng/g	<0.12	0.12	0.50	<0.073	0.073	0.50	6113570
Benzo(g,h,i)perylene	ng/g	<0.11	0.11	0.50	0.061	0.059	0.50	6113570
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	27 (1)	N/A	N/A	32 (1)	N/A	N/A	6113570
Benz(a)anthracene-2H12	%	41 (1)	N/A	N/A	54	N/A	N/A	6113570
Benzo(a)pyrene-2H12	%	43 (1)	N/A	N/A	48 (1)	N/A	N/A	6113570
Benzo(b)fluoranthene-2H12	%	39 (1)	N/A	N/A	49 (1)	N/A	N/A	6113570
Benzo(g,h,i)perylene-2H12	%	37 (1)	N/A	N/A	40 (1)	N/A	N/A	6113570
Benzo(k)fluoranthene-2H12	%	37 (1)	N/A	N/A	50	N/A	N/A	6113570
Chrysene-2H12	%	38 (1)	N/A	N/A	45 (1)	N/A	N/A	6113570
Dibenzo(a,h)anthracene-2H14	%	35 (1)	N/A	N/A	42 (1)	N/A	N/A	6113570
Fluoranthene-2H10	%	34 (1)	N/A	N/A	44 (1)	N/A	N/A	6113570
Indeno(1,2,3-c,d)pyrene-2H12	%	36 (1)	N/A	N/A	44 (1)	N/A	N/A	6113570
Naphthalene-2H8	%	15 (2)	N/A	N/A	29 (2)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA065			IRA066			
Sampling Date								
	UNITS	HARBOUR-SOLE-02	EDL	RDL	HARBOUR-SOLE-03	EDL	RDL	QC Batch
Perylene-2H12	%	39 (1)	N/A	N/A	47 (1)	N/A	N/A	6113570
Phenanthrene-2H10	%	34 (1)	N/A	N/A	37 (1)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA067		IRA068			IRA069			
Sampling Date										
	UNITS	HARBOUR-SOLE-04	EDL	HARBOUR-SOLE-05	EDL	RDL	HARBOUR-SOLE-06	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	1.1	N/A	1.2	N/A	N/A	1.0	N/A	N/A	6079705
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.20	0.16	0.34	0.11	1.0	<0.19	0.19	0.99	6117980
Naphthalene	ng/g	1.40	0.63	1.27	0.54	0.50	1.32	0.46	0.50	6117980
Acenaphthylene	ng/g	<0.31	0.31	<0.15	0.15	0.50	<0.15	0.15	0.50	6117980
Acenaphthene	ng/g	<0.37	0.37	0.64	0.18	0.50	0.36	0.25	0.50	6117980
Fluorene	ng/g	<0.20	0.20	0.191	0.088	0.50	0.20	0.18	0.50	6117980
Phenanthrene	ng/g	0.39	0.18	0.38	0.16	0.50	0.30	0.20	0.50	6117980
Anthracene	ng/g	<0.19	0.19	<0.17	0.17	0.50	<0.21	0.21	0.50	6117980
Fluoranthene	ng/g	0.39	0.14	0.24	0.15	0.50	0.27	0.20	0.50	6117980
Pyrene	ng/g	0.25	0.14	0.17	0.14	0.50	<0.19	0.19	0.50	6117980
Benzo(a)anthracene	ng/g	<0.21	0.21	<0.12	0.12	0.50	<0.27	0.27	0.50	6117980
Chrysene	ng/g	<0.24	0.24	<0.13	0.13	0.50	<0.29	0.29	0.50	6117980
Benzo(k)fluoranthene	ng/g	<0.14	0.14	<0.094	0.094	0.50	<0.17	0.17	0.50	6117980
Benzo(a)pyrene	ng/g	<0.19	0.19	0.19	0.14	0.50	<0.23	0.23	0.50	6117980
Indeno(1,2,3-cd)pyrene	ng/g	0.16	0.15	0.178	0.073	0.50	<0.090	0.090	0.50	6117980
Dibenz(a,h)anthracene	ng/g	<0.15	0.15	<0.16	0.16	0.50	<0.13	0.13	0.50	6117980
Benzo(g,h,i)perylene	ng/g	<0.19	0.19	0.264	0.084	0.50	0.21	0.11	0.50	6117980
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	34 (1)	N/A	37 (1)	N/A	N/A	33 (1)	N/A	N/A	6117980
Benz(a)anthracene-2H12	%	60	N/A	66	N/A	N/A	42 (1)	N/A	N/A	6117980
Benzo(a)pyrene-2H12	%	50	N/A	56	N/A	N/A	39 (1)	N/A	N/A	6117980
Benzo(b)fluoranthene-2H12	%	45 (1)	N/A	59	N/A	N/A	37 (1)	N/A	N/A	6117980
Benzo(g,h,i)perylene-2H12	%	49 (1)	N/A	54	N/A	N/A	36 (1)	N/A	N/A	6117980
Benzo(k)fluoranthene-2H12	%	47 (1)	N/A	56	N/A	N/A	38 (1)	N/A	N/A	6117980
Chrysene-2H12	%	50	N/A	56	N/A	N/A	36 (1)	N/A	N/A	6117980
Dibenzo(a,h)anthracene-2H14	%	45 (1)	N/A	57	N/A	N/A	37 (1)	N/A	N/A	6117980
Fluoranthene-2H10	%	42 (1)	N/A	53	N/A	N/A	35 (1)	N/A	N/A	6117980
Indeno(1,2,3-c,d)pyrene-2H12	%	46 (1)	N/A	54	N/A	N/A	37 (1)	N/A	N/A	6117980
Naphthalene-2H8	%	18 (2)	N/A	32 (2)	N/A	N/A	28 (2)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C used.

Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA067		IRA068			IRA069			
Sampling Date										
	UNITS	HARBOUR-SOLE-04	EDL	HARBOUR-SOLE-05	EDL	RDL	HARBOUR-SOLE-06	EDL	RDL	QC Batch
Perylene-2H12	%	48 (1)	N/A	58	N/A	N/A	43 (1)	N/A	N/A	6117980
Phenanthrene-2H10	%	39 (1)	N/A	48 (1)	N/A	N/A	33 (1)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA070		IRA071		IRA072			
Sampling Date									
	UNITS	HARBOUR-SOLE-07	EDL	HARBOUR-SOLE-08	EDL	HARBOUR-SOLE-09	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.2	N/A	0.70	N/A	1.3	N/A	N/A	6079705
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.72	0.30	9.01	0.18	<0.26	0.26	1.0	6117980
Naphthalene	ng/g	2.65	0.32	2.56	0.23	2.91	0.25	0.50	6117980
Acenaphthylene	ng/g	<0.17	0.17	<0.11	0.11	<0.19	0.19	0.50	6117980
Acenaphthene	ng/g	2.43	0.14	1.14	0.26	3.06	0.22	0.50	6117980
Fluorene	ng/g	0.54	0.15	0.44	0.24	1.33	0.23	0.50	6117980
Phenanthrene	ng/g	0.71	0.21	2.86	0.31	1.71	0.20	0.50	6117980
Anthracene	ng/g	0.38	0.22	0.57	0.34	0.26	0.22	0.50	6117980
Fluoranthene	ng/g	0.47	0.20	6.62	0.27	0.39	0.17	0.50	6117980
Pyrene	ng/g	0.32	0.19	6.05	0.26	0.23	0.16	0.50	6117980
Benzo(a)anthracene	ng/g	0.36	0.24	4.10	0.14	<0.23	0.23	0.50	6117980
Chrysene	ng/g	0.55	0.26	6.13	0.15	<0.25	0.25	0.50	6117980
Benzo(k)fluoranthene	ng/g	<0.28	0.28	3.67	0.17	<0.25	0.25	0.50	6117980
Benzo(a)pyrene	ng/g	0.43	0.34	5.02	0.20	<0.32	0.32	0.50	6117980
Indeno(1,2,3-cd)pyrene	ng/g	0.74	0.21	5.23	0.16	0.11	0.11	0.50	6117980
Dibenz(a,h)anthracene	ng/g	<0.25	0.25	1.48	0.20	<0.20	0.20	0.50	6117980
Benzo(g,h,i)perylene	ng/g	0.79	0.24	6.39	0.17	0.17	0.14	0.50	6117980
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	39 (1)	N/A	27 (1)	N/A	40 (1)	N/A	N/A	6117980
Benz(a)anthracene-2H12	%	34 (1)	N/A	33 (1)	N/A	45 (1)	N/A	N/A	6117980
Benzo(a)pyrene-2H12	%	32 (1)	N/A	38 (1)	N/A	45 (1)	N/A	N/A	6117980
Benzo(b)fluoranthene-2H12	%	28 (1)	N/A	36 (1)	N/A	48 (1)	N/A	N/A	6117980
Benzo(g,h,i)perylene-2H12	%	24 (1)	N/A	30 (1)	N/A	41 (1)	N/A	N/A	6117980
Benzo(k)fluoranthene-2H12	%	27 (1)	N/A	32 (1)	N/A	49 (1)	N/A	N/A	6117980
Chrysene-2H12	%	28 (1)	N/A	30 (1)	N/A	43 (1)	N/A	N/A	6117980
Dibenzo(a,h)anthracene-2H14	%	23 (1)	N/A	27 (1)	N/A	39 (1)	N/A	N/A	6117980
Fluoranthene-2H10	%	36 (1)	N/A	29 (1)	N/A	48 (1)	N/A	N/A	6117980
Indeno(1,2,3-c,d)pyrene-2H12	%	22 (1)	N/A	26 (1)	N/A	41 (1)	N/A	N/A	6117980
Naphthalene-2H8	%	31 (2)	N/A	32 (2)	N/A	45 (2)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C used.

Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA070		IRA071		IRA072			
Sampling Date									
	UNITS	HARBOUR-SOLE-07	EDL	HARBOUR-SOLE-08	EDL	HARBOUR-SOLE-09	EDL	RDL	QC Batch
Perylene-2H12	%	30 (1)	N/A	31 (1)	N/A	47 (1)	N/A	N/A	6117980
Phenanthrene-2H10	%	42 (1)	N/A	28 (1)	N/A	47 (1)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA073		IRA074			IRA075			
Sampling Date										
	UNITS	HARBOUR-SOLE-10	EDL	HARBOUR-SOLE-11	EDL	QC Batch	HARBOUR-SOLE-12	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.70	N/A	1.2	N/A	6079705	1.3	N/A	N/A	6079705
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.82	0.28	0.31	0.21	6117980	0.456	0.075	0.99	6117615
Naphthalene	ng/g	4.85	0.35	1.53	0.48	6117980	0.87	0.17	0.50	6117615
Acenaphthylene	ng/g	0.44	0.23	<0.48	0.48	6117980	<0.13	0.13	0.50	6117615
Acenaphthene	ng/g	0.69	0.38	0.57	0.29	6117980	0.51	0.20	0.50	6117615
Fluorene	ng/g	0.31	0.18	<0.27	0.27	6117980	0.155	0.081	0.50	6117615
Phenanthrene	ng/g	2.52	0.27	0.52	0.30	6117980	0.29	0.14	0.50	6117615
Anthracene	ng/g	0.33	0.29	<0.32	0.32	6117980	<0.15	0.15	0.50	6117615
Fluoranthene	ng/g	1.30	0.60	0.28	0.25	6117980	0.26	0.14	0.50	6117615
Pyrene	ng/g	1.20	0.58	0.34	0.25	6117980	0.28	0.14	0.50	6117615
Benzo(a)anthracene	ng/g	<0.37	0.37	<0.23	0.23	6117980	0.157	0.084	0.50	6117615
Chrysene	ng/g	0.73	0.39	<0.24	0.24	6117980	0.295	0.095	0.50	6117615
Benzo(k)fluoranthene	ng/g	0.30	0.26	<0.20	0.20	6117980	0.142	0.060	0.50	6117615
Benzo(a)pyrene	ng/g	0.34	0.28	0.23	0.21	6117980	0.228	0.085	0.50	6117615
Indeno(1,2,3-cd)pyrene	ng/g	0.43	0.25	0.13	0.10	6117980	0.252	0.086	0.50	6117615
Dibenz(a,h)anthracene	ng/g	<0.30	0.30	<0.17	0.17	6117980	<0.10	0.10	0.50	6117615
Benzo(g,h,i)perylene	ng/g	0.71	0.27	0.24	0.13	6117980	0.44	0.11	0.50	6117615
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	39 (1)	N/A	26 (1)	N/A	6117980	44 (1)	N/A	N/A	6117615
Benz(a)anthracene-2H12	%	43 (1)	N/A	40 (1)	N/A	6117980	73	N/A	N/A	6117615
Benzo(a)pyrene-2H12	%	45 (1)	N/A	45 (1)	N/A	6117980	66	N/A	N/A	6117615
Benzo(b)fluoranthene-2H12	%	38 (1)	N/A	39 (1)	N/A	6117980	67	N/A	N/A	6117615
Benzo(g,h,i)perylene-2H12	%	39 (1)	N/A	37 (1)	N/A	6117980	58	N/A	N/A	6117615
Benzo(k)fluoranthene-2H12	%	38 (1)	N/A	41 (1)	N/A	6117980	68	N/A	N/A	6117615
Chrysene-2H12	%	39 (1)	N/A	36 (1)	N/A	6117980	62	N/A	N/A	6117615
Dibenzo(a,h)anthracene-2H14	%	33 (1)	N/A	35 (1)	N/A	6117980	65	N/A	N/A	6117615
Fluoranthene-2H10	%	51	N/A	35 (1)	N/A	6117980	62	N/A	N/A	6117615
Indeno(1,2,3-c,d)pyrene-2H12	%	36 (1)	N/A	37 (1)	N/A	6117980	65	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA073		IRA074			IRA075			
Sampling Date										
	UNITS	HARBOUR-SOLE-10	EDL	HARBOUR-SOLE-11	EDL	QC Batch	HARBOUR-SOLE-12	EDL	RDL	QC Batch
Naphthalene-2H8	%	44 (1)	N/A	39 (1)	N/A	6117980	48 (2)	N/A	N/A	6117615
Perylene-2H12	%	41 (3)	N/A	42 (3)	N/A	6117980	65	N/A	N/A	6117615
Phenanthrene-2H10	%	57	N/A	28 (3)	N/A	6117980	56	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C used.

Internal standard recovery meets method limits.
(2) C13 used.
Internal standard recovery meets method limits.
(3) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA076			IRA077			IRA078			
Sampling Date											
	UNITS	HARBOUR-SOLE-13	EDL	RDL	HARBOUR-SOLE-14	EDL	RDL	HARBOUR-SOLE-15	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	1.4	N/A	N/A	0.90	N/A	N/A	0.70	N/A	N/A	6079705
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.63	0.21	1.0	2.82	0.22	0.99	3.10	0.12	1.0	6117980
Naphthalene	ng/g	2.03	0.57	0.50	11.2	0.29	0.50	4.15	0.38	0.50	6117980
Acenaphthylene	ng/g	<0.21	0.21	0.50	<0.27	0.27	0.50	<0.17	0.17	0.50	6117980
Acenaphthene	ng/g	1.00	0.37	0.50	1.95	0.51	0.50	0.50	0.30	0.50	6117980
Fluorene	ng/g	<0.32	0.32	0.50	0.63	0.31	0.50	0.42	0.20	0.50	6117980
Phenanthrene	ng/g	0.60	0.54	0.50	1.17	0.43	0.50	2.06	0.42	0.50	6117980
Anthracene	ng/g	<0.59	0.59	0.50	<0.46	0.46	0.50	0.55	0.45	0.50	6117980
Fluoranthene	ng/g	0.43	0.27	0.50	1.19	0.32	0.50	2.85	0.19	0.50	6117980
Pyrene	ng/g	0.30	0.26	0.50	1.22	0.31	0.50	2.27	0.19	0.50	6117980
Benzo(a)anthracene	ng/g	<0.22	0.22	0.50	0.90	0.24	0.50	1.63	0.37	0.50	6117980
Chrysene	ng/g	0.31	0.21	0.50	1.39	0.25	0.50	1.72	0.38	0.50	6117980
Benzo(k)fluoranthene	ng/g	0.28	0.20	0.50	1.23	0.23	0.50	1.15	0.13	0.50	6117980
Benzo(a)pyrene	ng/g	0.28	0.22	0.50	1.50	0.27	0.50	2.19	0.15	0.50	6117980
Indeno(1,2,3-cd)pyrene	ng/g	0.49	0.21	0.50	1.99	0.22	0.50	2.01	0.28	0.50	6117980
Dibenz(a,h)anthracene	ng/g	<0.21	0.21	0.50	0.63	0.24	0.50	0.64	0.22	0.50	6117980
Benzo(g,h,i)perylene	ng/g	0.70	0.27	0.50	2.47	0.27	0.50	2.19	0.33	0.50	6117980
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	23 (1)	N/A	N/A	18 (2)	N/A	N/A	24 (1)	N/A	N/A	6117980
Benz(a)anthracene-2H12	%	27 (1)	N/A	N/A	22 (1)	N/A	N/A	25 (1)	N/A	N/A	6117980
Benzo(a)pyrene-2H12	%	28 (1)	N/A	N/A	22 (1)	N/A	N/A	25 (1)	N/A	N/A	6117980
Benzo(b)fluoranthene-2H12	%	25 (1)	N/A	N/A	22 (1)	N/A	N/A	25 (1)	N/A	N/A	6117980
Benzo(g,h,i)perylene-2H12	%	20 (1)	N/A	N/A	17 (1)	N/A	N/A	19 (1)	N/A	N/A	6117980
Benzo(k)fluoranthene-2H12	%	24 (1)	N/A	N/A	19 (1)	N/A	N/A	22 (1)	N/A	N/A	6117980
Chrysene-2H12	%	26 (1)	N/A	N/A	20 (1)	N/A	N/A	23 (1)	N/A	N/A	6117980
Dibenzo(a,h)anthracene-2H14	%	20 (1)	N/A	N/A	16 (1)	N/A	N/A	16 (1)	N/A	N/A	6117980
Fluoranthene-2H10	%	25 (1)	N/A	N/A	23 (1)	N/A	N/A	28 (1)	N/A	N/A	6117980
Indeno(1,2,3-c,d)pyrene-2H12	%	20 (1)	N/A	N/A	17 (1)	N/A	N/A	18 (1)	N/A	N/A	6117980
Naphthalene-2H8	%	24 (3)	N/A	N/A	32 (3)	N/A	N/A	25 (3)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery is below method limiits. There is no native in the sample.
(3) 13C used.

Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA076			IRA077			IRA078			
Sampling Date											
	UNITS	HARBOUR-SOLE-13	EDL	RDL	HARBOUR-SOLE-14	EDL	RDL	HARBOUR-SOLE-15	EDL	RDL	QC Batch
Perylene-2H12	%	24 (1)	N/A	N/A	23 (1)	N/A	N/A	25 (1)	N/A	N/A	6117980
Phenanthrene-2H10	%	24 (1)	N/A	N/A	21 (1)	N/A	N/A	27 (1)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA079				IRA080			IRA081			
Sampling Date												
	UNITS	KARM-SOLE-01	EDL	RDL	QC Batch	KARM-SOLE-02	EDL	RDL	KARM-SOLE-03	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	1.0	N/A	N/A	6079705	0.40	N/A	N/A	0.50	N/A	N/A	6079705
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.29	0.29	1.0	6144881	<0.14	0.14	0.99	<0.15	0.15	1.0	6117980
Naphthalene	ng/g	1.71	0.77	0.50	6144881	5.96	0.26	0.50	13.4	0.24	0.50	6117980
Acenaphthylene	ng/g	<0.36	0.36	0.50	6144881	<0.17	0.17	0.50	<0.22	0.22	0.50	6117980
Acenaphthene	ng/g	<0.28	0.28	0.50	6144881	<0.28	0.28	0.50	<0.24	0.24	0.50	6117980
Fluorene	ng/g	0.75	0.21	0.50	6144881	<0.29	0.29	0.50	<0.15	0.15	0.50	6117980
Phenanthrene	ng/g	1.07	0.14	0.50	6144881	0.50	0.21	0.50	0.43	0.26	0.50	6117980
Anthracene	ng/g	0.24	0.17	0.50	6144881	<0.23	0.23	0.50	<0.28	0.28	0.50	6117980
Fluoranthene	ng/g	0.57	0.27	0.50	6144881	<0.24	0.24	0.50	<0.33	0.33	0.50	6117980
Pyrene	ng/g	0.51	0.27	0.50	6144881	<0.24	0.24	0.50	<0.32	0.32	0.50	6117980
Benzo(a)anthracene	ng/g	0.218	0.097	0.50	6144881	<0.11	0.11	0.50	<0.16	0.16	0.50	6117980
Chrysene	ng/g	0.150	0.092	0.50	6144881	<0.11	0.11	0.50	<0.17	0.17	0.50	6117980
Benzo(k)fluoranthene	ng/g	<0.25	0.25	0.50	6144881	<0.14	0.14	0.50	<0.13	0.13	0.50	6117980
Benzo(a)pyrene	ng/g	<0.31	0.31	0.50	6144881	<0.16	0.16	0.50	<0.17	0.17	0.50	6117980
Indeno(1,2,3-cd)pyrene	ng/g	<0.36	0.36	0.50	6144881	<0.098	0.098	0.50	<0.095	0.095	0.50	6117980
Dibenz(a,h)anthracene	ng/g	<0.28	0.28	0.50	6144881	<0.11	0.11	0.50	<0.14	0.14	0.50	6117980
Benzo(g,h,i)perylene	ng/g	<0.34	0.34	0.50	6144881	0.27	0.12	0.50	0.15	0.10	0.50	6117980
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	25 (1)	N/A	N/A	6144881	36 (2)	N/A	N/A	21 (3)	N/A	N/A	6117980
Benz(a)anthracene-2H12	%	30 (4)	N/A	N/A	6144881	41 (2)	N/A	N/A	30 (2)	N/A	N/A	6117980
Benzo(a)pyrene-2H12	%	34 (1)	N/A	N/A	6144881	46 (2)	N/A	N/A	33 (2)	N/A	N/A	6117980
Benzo(b)fluoranthene-2H12	%	28 (4)	N/A	N/A	6144881	45 (2)	N/A	N/A	32 (2)	N/A	N/A	6117980
Benzo(g,h,i)perylene-2H12	%	27 (1)	N/A	N/A	6144881	38 (2)	N/A	N/A	32 (2)	N/A	N/A	6117980
Benzo(k)fluoranthene-2H12	%	30 (1)	N/A	N/A	6144881	41 (2)	N/A	N/A	34 (2)	N/A	N/A	6117980
Chrysene-2H12	%	29 (4)	N/A	N/A	6144881	40 (2)	N/A	N/A	29 (2)	N/A	N/A	6117980
Dibenzo(a,h)anthracene-2H14	%	25 (1)	N/A	N/A	6144881	37 (2)	N/A	N/A	27 (2)	N/A	N/A	6117980
Fluoranthene-2H10	%	25 (4)	N/A	N/A	6144881	38 (2)	N/A	N/A	25 (2)	N/A	N/A	6117980
Indeno(1,2,3-c,d)pyrene-2H12	%	24 (1)	N/A	N/A	6144881	37 (2)	N/A	N/A	31 (2)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery meets method acceptance criteria
(2) Internal standard recovery meets method limits.
(3) Internal standard recovery is below method limits. There is no native detected in the sample.
(4) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA079				IRA080			IRA081			
Sampling Date												
	UNITS	KARM-SOLE-01	EDL	RDL	QC Batch	KARM-SOLE-02	EDL	RDL	KARM-SOLE-03	EDL	RDL	QC Batch
Naphthalene-2H8	%	37 (1)	N/A	N/A	6144881	38 (2)	N/A	N/A	35 (3)	N/A	N/A	6117980
Perylene-2H12	%	27 (4)	N/A	N/A	6144881	43 (3)	N/A	N/A	35 (3)	N/A	N/A	6117980
Phenanthrene-2H10	%	16 (5)	N/A	N/A	6144881	37 (3)	N/A	N/A	24 (3)	N/A	N/A	6117980

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6
Recovery meets method acceptance criteria
(2) 13C used.

Internal standard recovery meets method limits.
(3) Internal standard recovery meets method limits.
(4) Recovery meets method acceptance criteria
(5) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA082			IRA083				IRA084			
Sampling Date												
	UNITS	KARM-SOLE-04	EDL	QC Batch	KARM-SOLE-05	EDL	RDL	QC Batch	KARM-SOLE-06	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.60	N/A	6079705	0.40	N/A	N/A	6079705	0.60	N/A	N/A	6104554
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.37	0.37	6144881	0.99	0.13	1.0	6117980	<0.51	0.51	0.99	6144881
Naphthalene	ng/g	2.2	1.1	6144881	48.3	0.75	0.50	6117980	2.23	0.72	0.50	6144881
Acenaphthylene	ng/g	<0.45	0.45	6144881	<0.22	0.22	0.50	6117980	<0.28	0.28	0.50	6144881
Acenaphthene	ng/g	<0.38	0.38	6144881	<0.35	0.35	0.50	6117980	<0.37	0.37	0.50	6144881
Fluorene	ng/g	1.08	0.37	6144881	<0.28	0.28	0.50	6117980	6.46	0.23	0.50	6144881
Phenanthrene	ng/g	0.48	0.38	6144881	0.48	0.34	0.50	6117980	1.33	0.27	0.50	6144881
Anthracene	ng/g	<0.46	0.46	6144881	<0.37	0.37	0.50	6117980	<0.33	0.33	0.50	6144881
Fluoranthene	ng/g	0.34	0.22	6144881	0.56	0.35	0.50	6117980	0.75	0.25	0.50	6144881
Pyrene	ng/g	0.24	0.22	6144881	0.51	0.34	0.50	6117980	0.67	0.25	0.50	6144881
Benzo(a)anthracene	ng/g	<0.28	0.28	6144881	0.44	0.17	0.50	6117980	<0.30	0.30	0.50	6144881
Chrysene	ng/g	<0.27	0.27	6144881	0.55	0.18	0.50	6117980	<0.30	0.30	0.50	6144881
Benzo(k)fluoranthene	ng/g	<0.30	0.30	6144881	0.32	0.13	0.50	6117980	<0.38	0.38	0.50	6144881
Benzo(a)pyrene	ng/g	<0.46	0.46	6144881	0.58	0.15	0.50	6117980	<0.60	0.60	0.50	6144881
Indeno(1,2,3-cd)pyrene	ng/g	<0.52	0.52	6144881	0.56	0.14	0.50	6117980	<0.89	0.89	0.50	6144881
Dibenz(a,h)anthracene	ng/g	<0.71	0.71	6144881	<0.19	0.19	0.50	6117980	<0.66	0.66	0.50	6144881
Benzo(g,h,i)perylene	ng/g	<0.51	0.51	6144881	0.93	0.19	0.50	6117980	<0.88	0.88	0.50	6144881
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	20 (1)	N/A	6144881	30 (2)	N/A	N/A	6117980	15 (1)	N/A	N/A	6144881
Benz(a)anthracene-2H12	%	22 (3)	N/A	6144881	37 (2)	N/A	N/A	6117980	16 (3)	N/A	N/A	6144881
Benzo(a)pyrene-2H12	%	20 (4)	N/A	6144881	40 (2)	N/A	N/A	6117980	13 (1)	N/A	N/A	6144881
Benzo(b)fluoranthene-2H12	%	21 (1)	N/A	6144881	38 (2)	N/A	N/A	6117980	12 (1)	N/A	N/A	6144881
Benzo(g,h,i)perylene-2H12	%	17 (5)	N/A	6144881	33 (2)	N/A	N/A	6117980	10 (5)	N/A	N/A	6144881
Benzo(k)fluoranthene-2H12	%	23 (5)	N/A	6144881	36 (2)	N/A	N/A	6117980	13 (5)	N/A	N/A	6144881
Chrysene-2H12	%	22 (3)	N/A	6144881	34 (2)	N/A	N/A	6117980	16 (3)	N/A	N/A	6144881
Dibenzo(a,h)anthracene-2H14	%	13 (5)	N/A	6144881	32 (2)	N/A	N/A	6117980	12 (5)	N/A	N/A	6144881
Fluoranthene-2H10	%	24 (3)	N/A	6144881	32 (2)	N/A	N/A	6117980	15 (4)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Internal standard recovery meets method limits.
(3) Recovery meets method acceptance criteria
(4) Recovery outside method acceptance criteria
(5) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA082			IRA083				IRA084			
Sampling Date												
	UNITS	KARM-SOLE-04	EDL	QC Batch	KARM-SOLE-05	EDL	RDL	QC Batch	KARM-SOLE-06	EDL	RDL	QC Batch
Indeno(1,2,3-c,d)pyrene-2H12	%	19 (1)	N/A	6144881	34 (2)	N/A	N/A	6117980	10 (1)	N/A	N/A	6144881
Naphthalene-2H8	%	28 (3)	N/A	6144881	36 (4)	N/A	N/A	6117980	34 (5)	N/A	N/A	6144881
Perylene-2H12	%	22 (1)	N/A	6144881	39 (2)	N/A	N/A	6117980	12 (6)	N/A	N/A	6144881
Phenanthrene-2H10	%	12 (7)	N/A	6144881	32 (2)	N/A	N/A	6117980	12 (7)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery meets method acceptance criteria
(2) Internal standard recovery meets method limits.
(3) 13C6
Recovery meets method acceptance criteria
(4) 13C used.

Internal standard recovery meets method limits.
(5) 13C6

Recovery meets method acceptance criteria
(6) Recovery outside method acceptance criteria
(7) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA085			IRA086			IRA087			
Sampling Date											
	UNITS	KARM-SOLE-07	EDL	RDL	KARM-SOLE-08	EDL	RDL	KARM-SOLE-09	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.70	N/A	N/A	0.40	N/A	N/A	0.70	N/A	N/A	6104554
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.21	0.21	1.0	<0.33	0.33	0.99	<0.29	0.29	1.0	6144881
Naphthalene	ng/g	1.6	1.6	0.50	1.28	0.82	0.50	1.39	0.74	0.50	6144881
Acenaphthylene	ng/g	<0.47	0.47	0.50	<0.34	0.34	0.50	<0.35	0.35	0.50	6144881
Acenaphthene	ng/g	<0.55	0.55	0.50	<0.43	0.43	0.50	<0.47	0.47	0.50	6144881
Fluorene	ng/g	2.34	0.33	0.50	1.11	0.28	0.50	0.66	0.28	0.50	6144881
Phenanthrene	ng/g	0.78	0.25	0.50	0.56	0.23	0.50	0.80	0.24	0.50	6144881
Anthracene	ng/g	<0.30	0.30	0.50	<0.27	0.27	0.50	<0.29	0.29	0.50	6144881
Fluoranthene	ng/g	<0.33	0.33	0.50	<0.37	0.37	0.50	0.66	0.23	0.50	6144881
Pyrene	ng/g	<0.33	0.33	0.50	<0.37	0.37	0.50	0.62	0.22	0.50	6144881
Benzo(a)anthracene	ng/g	<0.17	0.17	0.50	<0.27	0.27	0.50	<0.26	0.26	0.50	6144881
Chrysene	ng/g	<0.18	0.18	0.50	<0.27	0.27	0.50	0.34	0.25	0.50	6144881
Benzo(k)fluoranthene	ng/g	<0.18	0.18	0.50	<0.33	0.33	0.50	<0.38	0.38	0.50	6144881
Benzo(a)pyrene	ng/g	<0.26	0.26	0.50	<0.34	0.34	0.50	<0.40	0.40	0.50	6144881
Indeno(1,2,3-cd)pyrene	ng/g	<0.32	0.32	0.50	<0.30	0.30	0.50	<0.40	0.40	0.50	6144881
Dibenz(a,h)anthracene	ng/g	<0.24	0.24	0.50	<0.64	0.64	0.50	<0.83	0.83	0.50	6144881
Benzo(g,h,i)perylene	ng/g	<0.28	0.28	0.50	<0.31	0.31	0.50	<0.33	0.33	0.50	6144881
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	21 (1)	N/A	N/A	28 (2)	N/A	N/A	24 (2)	N/A	N/A	6144881
Benz(a)anthracene-2H12	%	49 (2)	N/A	N/A	34 (2)	N/A	N/A	35 (2)	N/A	N/A	6144881
Benzo(a)pyrene-2H12	%	49 (3)	N/A	N/A	32 (3)	N/A	N/A	40 (3)	N/A	N/A	6144881
Benzo(b)fluoranthene-2H12	%	43 (3)	N/A	N/A	24 (3)	N/A	N/A	42 (3)	N/A	N/A	6144881
Benzo(g,h,i)perylene-2H12	%	39 (3)	N/A	N/A	22 (3)	N/A	N/A	31 (3)	N/A	N/A	6144881
Benzo(k)fluoranthene-2H12	%	42 (3)	N/A	N/A	25 (3)	N/A	N/A	27 (3)	N/A	N/A	6144881
Chrysene-2H12	%	47 (2)	N/A	N/A	32 (2)	N/A	N/A	36 (2)	N/A	N/A	6144881
Dibenzo(a,h)anthracene-2H14	%	35 (3)	N/A	N/A	19 (3)	N/A	N/A	28 (3)	N/A	N/A	6144881
Fluoranthene-2H10	%	45 (2)	N/A	N/A	35 (2)	N/A	N/A	33 (2)	N/A	N/A	6144881
Indeno(1,2,3-c,d)pyrene-2H12	%	34 (3)	N/A	N/A	18 (3)	N/A	N/A	28 (3)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria
(2) Recovery meets method acceptance criteria
(3) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA085			IRA086			IRA087			
Sampling Date											
	UNITS	KARM-SOLE-07	EDL	RDL	KARM-SOLE-08	EDL	RDL	KARM-SOLE-09	EDL	RDL	QC Batch
Naphthalene-2H8	%	34 (1)	N/A	N/A	40 (1)	N/A	N/A	36 (1)	N/A	N/A	6144881
Perylene-2H12	%	46 (2)	N/A	N/A	26 (2)	N/A	N/A	32 (2)	N/A	N/A	6144881
Phenanthrene-2H10	%	18 (3)	N/A	N/A	16 (3)	N/A	N/A	14 (3)	N/A	N/A	6144881

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

Recovery meets method acceptance criteria
(2) Recovery meets method acceptance criteria
(3) Recovery outside method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA087				IRA088			IRA088			
Sampling Date												
	UNITS	KARM-SOLE-09 Lab-Dup	EDL	RDL	QC Batch	KARM-SOLE-10	EDL	RDL	KARM-SOLE-10 Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	N/A	N/A	N/A	6104554	0.50	N/A	N/A	N/A	N/A	N/A	6104554
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.48	0.48	1.0	6144881	0.72	0.16	0.99	0.70	0.20	1.0	6117615
Naphthalene	ng/g	1.9	1.5	0.50	6144881	0.98	0.43	0.50	0.94	0.37	0.50	6117615
Acenaphthylene	ng/g	<0.63	0.63	0.50	6144881	<0.22	0.22	0.50	<0.23	0.23	0.50	6117615
Acenaphthene	ng/g	<0.81	0.81	0.50	6144881	<0.29	0.29	0.50	<0.34	0.34	0.50	6117615
Fluorene	ng/g	8.59 (1)	0.42	0.50	6144881	<0.16	0.16	0.50	<0.23	0.23	0.50	6117615
Phenanthrene	ng/g	0.84	0.42	0.50	6144881	0.36	0.23	0.50	0.31	0.20	0.50	6117615
Anthracene	ng/g	<0.51	0.51	0.50	6144881	<0.25	0.25	0.50	<0.21	0.21	0.50	6117615
Fluoranthene	ng/g	<0.89	0.89	0.50	6144881	<0.21	0.21	0.50	0.19	0.17	0.50	6117615
Pyrene	ng/g	<0.87	0.87	0.50	6144881	<0.20	0.20	0.50	0.23	0.16	0.50	6117615
Benzo(a)anthracene	ng/g	<0.42	0.42	0.50	6144881	<0.20	0.20	0.50	0.21	0.11	0.50	6117615
Chrysene	ng/g	<0.40	0.40	0.50	6144881	0.32	0.23	0.50	0.28	0.12	0.50	6117615
Benzo(k)fluoranthene	ng/g	<0.43	0.43	0.50	6144881	0.18	0.14	0.50	0.24	0.20	0.50	6117615
Benzo(a)pyrene	ng/g	<0.55	0.55	0.50	6144881	0.33	0.20	0.50	0.50	0.25	0.50	6117615
Indeno(1,2,3-cd)pyrene	ng/g	<1.0	1.0	0.50	6144881	0.44	0.16	0.50	0.51	0.12	0.50	6117615
Dibenz(a,h)anthracene	ng/g	<0.86	0.86	0.50	6144881	<0.18	0.18	0.50	<0.20	0.20	0.50	6117615
Benzo(g,h,i)perylene	ng/g	<0.71	0.71	0.50	6144881	0.59	0.18	0.50	0.77	0.15	0.50	6117615
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	14 (2)	N/A	N/A	6144881	23 (3)	N/A	N/A	26 (3)	N/A	N/A	6117615
Benz(a)anthracene-2H12	%	18 (4)	N/A	N/A	6144881	42 (3)	N/A	N/A	45 (3)	N/A	N/A	6117615
Benzo(a)pyrene-2H12	%	17 (2)	N/A	N/A	6144881	38 (3)	N/A	N/A	43 (3)	N/A	N/A	6117615
Benzo(b)fluoranthene-2H12	%	17 (5)	N/A	N/A	6144881	36 (3)	N/A	N/A	43 (3)	N/A	N/A	6117615
Benzo(g,h,i)perylene-2H12	%	13 (6)	N/A	N/A	6144881	33 (3)	N/A	N/A	39 (3)	N/A	N/A	6117615
Benzo(k)fluoranthene-2H12	%	15 (6)	N/A	N/A	6144881	33 (3)	N/A	N/A	39 (3)	N/A	N/A	6117615
Chrysene-2H12	%	17 (4)	N/A	N/A	6144881	34 (3)	N/A	N/A	41 (3)	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity.
(2) Recovery outside method acceptance criteria
(3) Internal standard recovery meets method limits.
(4) Recovery meets method acceptance criteria
(5) Recovery outside method acceptance criteria
(6) Recovery meets method acceptance criteria

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA087				IRA088			IRA088			
Sampling Date												
	UNITS	KARM-SOLE-09 Lab-Dup	EDL	RDL	QC Batch	KARM-SOLE-10	EDL	RDL	KARM-SOLE-10 Lab-Dup	EDL	RDL	QC Batch
Dibenzo(a,h)anthracene-2H14	%	10 (1)	N/A	N/A	6144881	34 (2)	N/A	N/A	40 (2)	N/A	N/A	6117615
Fluoranthene-2H10	%	16 (3)	N/A	N/A	6144881	33 (2)	N/A	N/A	41 (2)	N/A	N/A	6117615
Indeno(1,2,3-c,d)pyrene-2H12	%	10 (1)	N/A	N/A	6144881	32 (2)	N/A	N/A	40 (2)	N/A	N/A	6117615
Naphthalene-2H8	%	27 (4)	N/A	N/A	6144881	27 (5)	N/A	N/A	27 (5)	N/A	N/A	6117615
Perylene-2H12	%	17 (3)	N/A	N/A	6144881	34 (2)	N/A	N/A	39 (2)	N/A	N/A	6117615
Phenanthrene-2H10	%	9.0 (3)	N/A	N/A	6144881	31 (2)	N/A	N/A	33 (2)	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery meets method acceptance criteria
(2) Internal standard recovery meets method limits.
(3) Recovery outside method acceptance criteria
(4) 13C6
Recovery meets method acceptance criteria
(5) C13 used.
Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA089		IRA090			IRA091		IRA092			
Sampling Date												
	UNITS	KARM-SOLE-11	EDL	KARM-SOLE-12	EDL	RDL	KARM-SOLE-13	EDL	KARM-SOLE-14	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.80	N/A	0.60	N/A	N/A	0.60	N/A	0.40	N/A	N/A	6104554
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	0.93	0.21	0.72	0.19	1.0	0.57	0.27	1.60	0.46	0.99	6117615
Naphthalene	ng/g	1.29	0.30	1.29	0.25	0.50	<1.0	1.0	0.88	0.37	0.50	6117615
Acenaphthylene	ng/g	<0.21	0.21	<0.22	0.22	0.50	<0.23	0.23	<0.39	0.39	0.50	6117615
Acenaphthene	ng/g	<0.28	0.28	<0.16	0.16	0.50	<0.67	0.67	<0.39	0.39	0.50	6117615
Fluorene	ng/g	<0.14	0.14	<0.21	0.21	0.50	<0.58	0.58	<0.54	0.54	0.50	6117615
Phenanthrene	ng/g	0.42	0.16	0.35	0.15	0.50	0.64	0.42	0.72	0.46	0.50	6117615
Anthracene	ng/g	<0.17	0.17	<0.16	0.16	0.50	<0.45	0.45	<0.48	0.48	0.50	6117615
Fluoranthene	ng/g	0.37	0.25	0.26	0.19	0.50	<0.37	0.37	0.63	0.33	0.50	6117615
Pyrene	ng/g	0.37	0.24	0.27	0.18	0.50	<0.36	0.36	0.61	0.32	0.50	6117615
Benzo(a)anthracene	ng/g	0.23	0.16	<0.23	0.23	0.50	<0.22	0.22	0.56	0.52	0.50	6117615
Chrysene	ng/g	0.32	0.20	<0.24	0.24	0.50	<0.22	0.22	0.78	0.55	0.50	6117615
Benzo(k)fluoranthene	ng/g	<0.19	0.19	<0.14	0.14	0.50	<0.24	0.24	0.58	0.38	0.50	6117615
Benzo(a)pyrene	ng/g	0.45	0.25	0.33	0.20	0.50	<0.31	0.31	0.84	0.47	0.50	6117615
Indeno(1,2,3-cd)pyrene	ng/g	0.63	0.23	0.42	0.21	0.50	0.33	0.17	1.03	0.26	0.50	6117615
Dibenz(a,h)anthracene	ng/g	<0.25	0.25	<0.23	0.23	0.50	<0.14	0.14	<0.48	0.48	0.50	6117615
Benzo(g,h,i)perylene	ng/g	0.71	0.28	0.70	0.28	0.50	0.51	0.21	1.61	0.37	0.50	6117615
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	27 (1)	N/A	29 (1)	N/A	N/A	22 (2)	N/A	20 (3)	N/A	N/A	6117615
Benz(a)anthracene-2H12	%	44 (1)	N/A	42 (1)	N/A	N/A	41 (1)	N/A	21 (1)	N/A	N/A	6117615
Benzo(a)pyrene-2H12	%	41 (1)	N/A	38 (1)	N/A	N/A	39 (1)	N/A	23 (1)	N/A	N/A	6117615
Benzo(b)fluoranthene-2H12	%	36 (1)	N/A	31 (1)	N/A	N/A	34 (1)	N/A	19 (3)	N/A	N/A	6117615
Benzo(g,h,i)perylene-2H12	%	31 (1)	N/A	28 (1)	N/A	N/A	35 (1)	N/A	17 (1)	N/A	N/A	6117615
Benzo(k)fluoranthene-2H12	%	34 (1)	N/A	35 (1)	N/A	N/A	35 (1)	N/A	19 (1)	N/A	N/A	6117615
Chrysene-2H12	%	36 (1)	N/A	37 (1)	N/A	N/A	36 (1)	N/A	18 (1)	N/A	N/A	6117615
Dibenzo(a,h)anthracene-2H14	%	31 (1)	N/A	29 (1)	N/A	N/A	37 (1)	N/A	19 (1)	N/A	N/A	6117615
Fluoranthene-2H10	%	39 (1)	N/A	37 (1)	N/A	N/A	32 (1)	N/A	18 (3)	N/A	N/A	6117615
Indeno(1,2,3-c,d)pyrene-2H12	%	33 (1)	N/A	30 (1)	N/A	N/A	34 (1)	N/A	20 (1)	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.
(3) Internal standard recovery is below method limits. Natives found are trace levels in the sample.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA089		IRA090			IRA091		IRA092			
Sampling Date												
	UNITS	KARM-SOLE-11	EDL	KARM-SOLE-12	EDL	RDL	KARM-SOLE-13	EDL	KARM-SOLE-14	EDL	RDL	QC Batch
Naphthalene-2H8	%	28 (1)	N/A	29 (1)	N/A	N/A	25 (1)	N/A	25 (1)	N/A	N/A	6117615
Perylene-2H12	%	36 (2)	N/A	35 (2)	N/A	N/A	34 (2)	N/A	18 (2)	N/A	N/A	6117615
Phenanthrene-2H10	%	36 (2)	N/A	37 (2)	N/A	N/A	27 (2)	N/A	17 (3)	N/A	N/A	6117615

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) C13 used.
Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.
(3) Internal standard recovery is below method limits. Natives found are trace levels in the sample.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA093				IRA094		IRA095			
Sampling Date											
	UNITS	KARM-SOLE-15	EDL	RDL	QC Batch	KV-SOLE-01	EDL	KV-SOLE-02	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.50	N/A	N/A	6104554	0.90	N/A	1.0	N/A	N/A	6104554
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	1.22	0.12	0.99	6117615	<0.33	0.33	<0.15	0.15	1.0	6113570
Naphthalene	ng/g	1.26	0.39	0.50	6117615	1.29	0.42	1.25	0.32	0.50	6113570
Acenaphthylene	ng/g	<0.17	0.17	0.50	6117615	<0.37	0.37	<0.23	0.23	0.50	6113570
Acenaphthene	ng/g	<0.19	0.19	0.50	6117615	<0.51	0.51	<0.20	0.20	0.50	6113570
Fluorene	ng/g	<0.18	0.18	0.50	6117615	<0.19	0.19	<0.16	0.16	0.50	6113570
Phenanthrene	ng/g	0.48	0.20	0.50	6117615	0.52	0.27	0.24	0.23	0.50	6113570
Anthracene	ng/g	<0.21	0.21	0.50	6117615	<0.29	0.29	<0.24	0.24	0.50	6113570
Fluoranthene	ng/g	0.43	0.26	0.50	6117615	<0.49	0.49	<0.17	0.17	0.50	6113570
Pyrene	ng/g	0.45	0.25	0.50	6117615	<0.47	0.47	<0.16	0.16	0.50	6113570
Benzo(a)anthracene	ng/g	0.27	0.17	0.50	6117615	<0.42	0.42	<0.11	0.11	0.50	6113570
Chrysene	ng/g	0.54	0.19	0.50	6117615	<0.48	0.48	<0.12	0.12	0.50	6113570
Benzo(k)fluoranthene	ng/g	0.27	0.12	0.50	6117615	<0.27	0.27	<0.14	0.14	0.50	6113570
Benzo(a)pyrene	ng/g	0.72	0.31	0.50	6117615	<0.37	0.37	<0.20	0.20	0.50	6113570
Indeno(1,2,3-cd)pyrene	ng/g	0.84	0.17	0.50	6117615	<0.19	0.19	<0.080	0.080	0.50	6113570
Dibenz(a,h)anthracene	ng/g	0.34	0.19	0.50	6117615	<0.23	0.23	<0.13	0.13	0.50	6113570
Benzo(g,h,i)perylene	ng/g	1.28	0.21	0.50	6117615	<0.23	0.23	<0.11	0.11	0.50	6113570
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	30 (1)	N/A	N/A	6117615	25 (2)	N/A	29 (2)	N/A	N/A	6113570
Benz(a)anthracene-2H12	%	41 (1)	N/A	N/A	6117615	37 (2)	N/A	41 (2)	N/A	N/A	6113570
Benzo(a)pyrene-2H12	%	36 (1)	N/A	N/A	6117615	33 (2)	N/A	39 (2)	N/A	N/A	6113570
Benzo(b)fluoranthene-2H12	%	33 (1)	N/A	N/A	6117615	33 (2)	N/A	39 (2)	N/A	N/A	6113570
Benzo(g,h,i)perylene-2H12	%	28 (1)	N/A	N/A	6117615	28 (2)	N/A	33 (2)	N/A	N/A	6113570
Benzo(k)fluoranthene-2H12	%	30 (1)	N/A	N/A	6117615	32 (2)	N/A	38 (2)	N/A	N/A	6113570
Chrysene-2H12	%	33 (1)	N/A	N/A	6117615	31 (2)	N/A	37 (2)	N/A	N/A	6113570
Dibenzo(a,h)anthracene-2H14	%	30 (1)	N/A	N/A	6117615	29 (2)	N/A	35 (2)	N/A	N/A	6113570
Fluoranthene-2H10	%	31 (1)	N/A	N/A	6117615	29 (2)	N/A	33 (2)	N/A	N/A	6113570
Indeno(1,2,3-c,d)pyrene-2H12	%	29 (1)	N/A	N/A	6117615	28 (2)	N/A	36 (2)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA093				IRA094		IRA095			
Sampling Date											
	UNITS	KARM-SOLE-15	EDL	RDL	QC Batch	KV-SOLE-01	EDL	KV-SOLE-02	EDL	RDL	QC Batch
Naphthalene-2H8	%	31 (1)	N/A	N/A	6117615	33 (2)	N/A	28 (2)	N/A	N/A	6113570
Perylene-2H12	%	34 (3)	N/A	N/A	6117615	30 (4)	N/A	37 (4)	N/A	N/A	6113570
Phenanthrene-2H10	%	30 (3)	N/A	N/A	6117615	28 (4)	N/A	31 (4)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) C13 used.
Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.
(3) Internal standard recovery meets method limits.
(4) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA096			IRA097			IRA098		IRA099			
Sampling Date													
	UNITS	KV-SOLE-03	EDL	RDL	KV-SOLE-04	EDL	RDL	KV-SOLE-05	EDL	KV-SOLE-06	EDL	RDL	QC Batch
Miscellaneous Parameters													
Fat (gravimetric)	%	0.60	N/A	N/A	1.0	N/A	N/A	0.90	N/A	0.90	N/A	N/A	6104554
Polyaromatic Hydrocarbons													
Benzo(b/j)fluoranthene	ng/g	<0.13	0.13	0.99	<0.29	0.29	1.0	<0.24	0.24	<0.15	0.15	0.99	6113570
Naphthalene	ng/g	1.10	0.42	0.50	1.45	0.79	0.50	2.70	0.35	0.84	0.41	0.50	6113570
Acenaphthylene	ng/g	<0.16	0.16	0.50	<0.30	0.30	0.50	<0.28	0.28	<0.36	0.36	0.50	6113570
Acenaphthene	ng/g	<0.23	0.23	0.50	<0.43	0.43	0.50	<0.43	0.43	0.45	0.31	0.50	6113570
Fluorene	ng/g	<0.11	0.11	0.50	<0.27	0.27	0.50	<0.22	0.22	<0.17	0.17	0.50	6113570
Phenanthrene	ng/g	0.21	0.14	0.50	0.44	0.29	0.50	0.48	0.28	0.32	0.13	0.50	6113570
Anthracene	ng/g	<0.14	0.14	0.50	0.91	0.31	0.50	<0.30	0.30	0.27	0.14	0.50	6113570
Fluoranthene	ng/g	<0.29	0.29	0.50	<0.40	0.40	0.50	<0.43	0.43	<0.21	0.21	0.50	6113570
Pyrene	ng/g	<0.27	0.27	0.50	<0.38	0.38	0.50	<0.42	0.42	<0.20	0.20	0.50	6113570
Benzo(a)anthracene	ng/g	<0.25	0.25	0.50	<0.58	0.58	0.50	<0.30	0.30	<0.12	0.12	0.50	6113570
Chrysene	ng/g	<0.28	0.28	0.50	<0.65	0.65	0.50	<0.32	0.32	<0.13	0.13	0.50	6113570
Benzo(k)fluoranthene	ng/g	<0.12	0.12	0.50	<0.23	0.23	0.50	<0.24	0.24	<0.14	0.14	0.50	6113570
Benzo(a)pyrene	ng/g	<0.18	0.18	0.50	<0.34	0.34	0.50	<0.34	0.34	<0.24	0.24	0.50	6113570
Indeno(1,2,3-cd)pyrene	ng/g	<0.076	0.076	0.50	<0.21	0.21	0.50	<0.24	0.24	<0.11	0.11	0.50	6113570
Dibenz(a,h)anthracene	ng/g	<0.11	0.11	0.50	<0.15	0.15	0.50	<0.27	0.27	<0.13	0.13	0.50	6113570
Benzo(g,h,i)perylene	ng/g	<0.10	0.10	0.50	<0.27	0.27	0.50	<0.34	0.34	<0.13	0.13	0.50	6113570
Surrogate Recovery (%)													
Acenaphthylene-2H8	%	28 (1)	N/A	N/A	22 (1)	N/A	N/A	29 (1)	N/A	26 (1)	N/A	N/A	6113570
Benz(a)anthracene-2H12	%	42 (1)	N/A	N/A	30 (1)	N/A	N/A	34 (1)	N/A	48 (1)	N/A	N/A	6113570
Benzo(a)pyrene-2H12	%	40 (1)	N/A	N/A	30 (1)	N/A	N/A	26 (1)	N/A	36 (1)	N/A	N/A	6113570
Benzo(b)fluoranthene-2H12	%	43 (1)	N/A	N/A	27 (1)	N/A	N/A	30 (1)	N/A	40 (1)	N/A	N/A	6113570
Benzo(g,h,i)perylene-2H12	%	35 (1)	N/A	N/A	28 (1)	N/A	N/A	27 (1)	N/A	36 (1)	N/A	N/A	6113570
Benzo(k)fluoranthene-2H12	%	39 (1)	N/A	N/A	28 (1)	N/A	N/A	26 (1)	N/A	39 (1)	N/A	N/A	6113570
Chrysene-2H12	%	36 (1)	N/A	N/A	24 (1)	N/A	N/A	28 (1)	N/A	42 (1)	N/A	N/A	6113570
Dibenzo(a,h)anthracene-2H14	%	37 (1)	N/A	N/A	27 (1)	N/A	N/A	24 (1)	N/A	36 (1)	N/A	N/A	6113570
Fluoranthene-2H10	%	37 (1)	N/A	N/A	26 (1)	N/A	N/A	28 (1)	N/A	39 (1)	N/A	N/A	6113570
Indeno(1,2,3-c,d)pyrene-2H12	%	38 (1)	N/A	N/A	28 (1)	N/A	N/A	26 (1)	N/A	35 (1)	N/A	N/A	6113570
Naphthalene-2H8	%	29 (2)	N/A	N/A	23 (2)	N/A	N/A	33 (2)	N/A	35 (2)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA096			IRA097			IRA098		IRA099			
Sampling Date													
	UNITS	KV-SOLE-03	EDL	RDL	KV-SOLE-04	EDL	RDL	KV-SOLE-05	EDL	KV-SOLE-06	EDL	RDL	QC Batch
Perylene-2H12	%	41 (1)	N/A	N/A	25 (1)	N/A	N/A	28 (1)	N/A	38 (1)	N/A	N/A	6113570
Phenanthrene-2H10	%	34 (1)	N/A	N/A	23 (1)	N/A	N/A	23 (1)	N/A	39 (1)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA100		IRA101			IRA102			IRA103			
Sampling Date													
	UNITS	KV-SOLE-07	EDL	KV-SOLE-08	EDL	RDL	KV-SOLE-09	EDL	RDL	KV-SOLE-10	EDL	RDL	QC Batch
Miscellaneous Parameters													
Fat (gravimetric)	%	1.4	N/A	0.50	N/A	N/A	0.60	N/A	N/A	0.50	N/A	N/A	6104554
Polyaromatic Hydrocarbons													
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	<0.12	0.12	0.99	<0.22	0.22	1.0	<0.30	0.30	0.99	6113570
Naphthalene	ng/g	1.18	0.58	1.22	0.33	0.50	1.04	0.36	0.50	1.21	0.52	0.50	6113570
Acenaphthylene	ng/g	<0.24	0.24	<0.20	0.20	0.50	<0.25	0.25	0.50	<0.41	0.41	0.50	6113570
Acenaphthene	ng/g	0.52	0.22	<0.26	0.26	0.50	<0.24	0.24	0.50	<0.52	0.52	0.50	6113570
Fluorene	ng/g	<0.15	0.15	<0.22	0.22	0.50	<0.12	0.12	0.50	<0.35	0.35	0.50	6113570
Phenanthrene	ng/g	0.28	0.18	0.27	0.15	0.50	0.35	0.29	0.50	<0.30	0.30	0.50	6113570
Anthracene	ng/g	<0.19	0.19	<0.16	0.16	0.50	<0.31	0.31	0.50	<0.32	0.32	0.50	6113570
Fluoranthene	ng/g	<0.34	0.34	<0.17	0.17	0.50	0.22	0.21	0.50	<0.32	0.32	0.50	6113570
Pyrene	ng/g	<0.32	0.32	<0.17	0.17	0.50	<0.20	0.20	0.50	<0.31	0.31	0.50	6113570
Benzo(a)anthracene	ng/g	<0.15	0.15	<0.12	0.12	0.50	<0.22	0.22	0.50	<0.27	0.27	0.50	6113570
Chrysene	ng/g	<0.17	0.17	<0.13	0.13	0.50	<0.25	0.25	0.50	<0.28	0.28	0.50	6113570
Benzo(k)fluoranthene	ng/g	<0.15	0.15	<0.12	0.12	0.50	<0.19	0.19	0.50	<0.28	0.28	0.50	6113570
Benzo(a)pyrene	ng/g	<0.21	0.21	<0.15	0.15	0.50	<0.25	0.25	0.50	<0.35	0.35	0.50	6113570
Indeno(1,2,3-cd)pyrene	ng/g	<0.097	0.097	<0.11	0.11	0.50	<0.15	0.15	0.50	<0.23	0.23	0.50	6113570
Dibenz(a,h)anthracene	ng/g	<0.16	0.16	<0.11	0.11	0.50	<0.13	0.13	0.50	<0.21	0.21	0.50	6113570
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	<0.14	0.14	0.50	<0.20	0.20	0.50	<0.25	0.25	0.50	6113570
Surrogate Recovery (%)													
Acenaphthylene-2H8	%	34 (1)	N/A	33 (1)	N/A	N/A	29 (1)	N/A	N/A	22 (1)	N/A	N/A	6113570
Benz(a)anthracene-2H12	%	50	N/A	53	N/A	N/A	42 (1)	N/A	N/A	35 (1)	N/A	N/A	6113570
Benzo(a)pyrene-2H12	%	44 (1)	N/A	43 (1)	N/A	N/A	39 (1)	N/A	N/A	31 (1)	N/A	N/A	6113570
Benzo(b)fluoranthene-2H12	%	43 (1)	N/A	44 (1)	N/A	N/A	39 (1)	N/A	N/A	32 (1)	N/A	N/A	6113570
Benzo(g,h,i)perylene-2H12	%	38 (1)	N/A	36 (1)	N/A	N/A	34 (1)	N/A	N/A	32 (1)	N/A	N/A	6113570
Benzo(k)fluoranthene-2H12	%	40 (1)	N/A	40 (1)	N/A	N/A	37 (1)	N/A	N/A	30 (1)	N/A	N/A	6113570
Chrysene-2H12	%	41 (1)	N/A	49 (1)	N/A	N/A	34 (1)	N/A	N/A	31 (1)	N/A	N/A	6113570
Dibenzo(a,h)anthracene-2H14	%	38 (1)	N/A	37 (1)	N/A	N/A	34 (1)	N/A	N/A	32 (1)	N/A	N/A	6113570
Fluoranthene-2H10	%	39 (1)	N/A	44 (1)	N/A	N/A	37 (1)	N/A	N/A	29 (1)	N/A	N/A	6113570
Indeno(1,2,3-c,d)pyrene-2H12	%	40 (1)	N/A	38 (1)	N/A	N/A	35 (1)	N/A	N/A	29 (1)	N/A	N/A	6113570
Naphthalene-2H8	%	31 (2)	N/A	32 (2)	N/A	N/A	34 (2)	N/A	N/A	27 (2)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA100		IRA101			IRA102			IRA103			
Sampling Date													
	UNITS	KV-SOLE-07	EDL	KV-SOLE-08	EDL	RDL	KV-SOLE-09	EDL	RDL	KV-SOLE-10	EDL	RDL	QC Batch
Perylene-2H12	%	41 (1)	N/A	45 (1)	N/A	N/A	36 (1)	N/A	N/A	30 (1)	N/A	N/A	6113570
Phenanthrene-2H10	%	38 (1)	N/A	40 (1)	N/A	N/A	34 (1)	N/A	N/A	23 (1)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA104			IRA105			IRA106		IRA107			
Sampling Date													
	UNITS	KV-SOLE-11	EDL	RDL	KV-SOLE-12	EDL	RDL	KV-SOLE-13	EDL	KV-SOLE-14	EDL	RDL	QC Batch
Miscellaneous Parameters													
Fat (gravimetric)	%	0.70	N/A	N/A	0.30	N/A	N/A	0.20	N/A	0.60	N/A	N/A	6112662
Polyaromatic Hydrocarbons													
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	1.0	<0.14	0.14	0.99	<0.068	0.068	<0.13	0.13	1.0	6113570
Naphthalene	ng/g	0.94	0.53	0.50	1.10	0.30	0.50	0.90	0.37	1.92	0.28	0.50	6113570
Acenaphthylene	ng/g	<0.33	0.33	0.50	<0.19	0.19	0.50	<0.33	0.33	<0.20	0.20	0.50	6113570
Acenaphthene	ng/g	<0.37	0.37	0.50	<0.39	0.39	0.50	<0.34	0.34	<0.32	0.32	0.50	6113570
Fluorene	ng/g	<0.30	0.30	0.50	<0.24	0.24	0.50	<0.14	0.14	<0.19	0.19	0.50	6113570
Phenanthrene	ng/g	0.38	0.28	0.50	0.22	0.19	0.50	0.21	0.14	0.31	0.25	0.50	6113570
Anthracene	ng/g	<0.29	0.29	0.50	0.48	0.20	0.50	<0.14	0.14	<0.26	0.26	0.50	6113570
Fluoranthene	ng/g	<0.34	0.34	0.50	<0.16	0.16	0.50	<0.14	0.14	<0.18	0.18	0.50	6113570
Pyrene	ng/g	<0.32	0.32	0.50	<0.15	0.15	0.50	<0.13	0.13	<0.17	0.17	0.50	6113570
Benzo(a)anthracene	ng/g	<0.17	0.17	0.50	<0.15	0.15	0.50	<0.072	0.072	<0.15	0.15	0.50	6113570
Chrysene	ng/g	<0.20	0.20	0.50	<0.14	0.14	0.50	<0.079	0.079	<0.16	0.16	0.50	6113570
Benzo(k)fluoranthene	ng/g	<0.17	0.17	0.50	<0.11	0.11	0.50	<0.066	0.066	<0.11	0.11	0.50	6113570
Benzo(a)pyrene	ng/g	<0.23	0.23	0.50	<0.15	0.15	0.50	<0.090	0.090	<0.15	0.15	0.50	6113570
Indeno(1,2,3-cd)pyrene	ng/g	<0.19	0.19	0.50	<0.11	0.11	0.50	<0.062	0.062	<0.10	0.10	0.50	6113570
Dibenz(a,h)anthracene	ng/g	<0.20	0.20	0.50	<0.12	0.12	0.50	<0.072	0.072	<0.11	0.11	0.50	6113570
Benzo(g,h,i)perylene	ng/g	<0.24	0.24	0.50	<0.14	0.14	0.50	0.140	0.080	<0.13	0.13	0.50	6113570
Surrogate Recovery (%)													
Acenaphthylene-2H8	%	24 (1)	N/A	N/A	22 (1)	N/A	N/A	27 (1)	N/A	26 (1)	N/A	N/A	6113570
Benz(a)anthracene-2H12	%	45 (1)	N/A	N/A	41 (1)	N/A	N/A	71	N/A	45 (1)	N/A	N/A	6113570
Benzo(a)pyrene-2H12	%	44 (1)	N/A	N/A	37 (1)	N/A	N/A	48 (1)	N/A	44 (1)	N/A	N/A	6113570
Benzo(b)fluoranthene-2H12	%	45 (1)	N/A	N/A	37 (1)	N/A	N/A	54	N/A	42 (1)	N/A	N/A	6113570
Benzo(g,h,i)perylene-2H12	%	39 (1)	N/A	N/A	36 (1)	N/A	N/A	47 (1)	N/A	38 (1)	N/A	N/A	6113570
Benzo(k)fluoranthene-2H12	%	40 (1)	N/A	N/A	36 (1)	N/A	N/A	47 (1)	N/A	42 (1)	N/A	N/A	6113570
Chrysene-2H12	%	37 (1)	N/A	N/A	38 (1)	N/A	N/A	65	N/A	38 (1)	N/A	N/A	6113570
Dibenzo(a,h)anthracene-2H14	%	42 (1)	N/A	N/A	39 (1)	N/A	N/A	50	N/A	35 (1)	N/A	N/A	6113570
Fluoranthene-2H10	%	37 (1)	N/A	N/A	32 (1)	N/A	N/A	57	N/A	38 (1)	N/A	N/A	6113570
Indeno(1,2,3-c,d)pyrene-2H12	%	41 (1)	N/A	N/A	37 (1)	N/A	N/A	49 (1)	N/A	38 (1)	N/A	N/A	6113570
Naphthalene-2H8	%	27 (2)	N/A	N/A	31 (2)	N/A	N/A	31 (2)	N/A	28 (2)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery meets method limits.

13C used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA104			IRA105			IRA106		IRA107			
Sampling Date													
	UNITS	KV-SOLE-11	EDL	RDL	KV-SOLE-12	EDL	RDL	KV-SOLE-13	EDL	KV-SOLE-14	EDL	RDL	QC Batch
Perylene-2H12	%	40 (1)	N/A	N/A	35 (1)	N/A	N/A	50	N/A	45 (1)	N/A	N/A	6113570
Phenanthrene-2H10	%	30 (1)	N/A	N/A	30 (1)	N/A	N/A	50	N/A	34 (1)	N/A	N/A	6113570

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA108				IRA110			IUZ452			
Sampling Date												
	UNITS	KV-SOLE-15	EDL	RDL	QC Batch	KVS-C21 MEAT	EDL	QC Batch	LNGC-C01 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters												
Fat (gravimetric)	%	0.80	N/A	N/A	6112662	0.20	N/A	6110831	4.5	N/A	N/A	6091970
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.27	0.27	0.99	6113570	<0.17	0.17	6113570	1.33	0.046	1.0	6095379
Naphthalene	ng/g	2.97	0.44	0.50	6113570	0.90	0.50	6113570	12.0	0.11	0.50	6095379
Acenaphthylene	ng/g	<0.36	0.36	0.50	6113570	0.29	0.18	6113570	2.59	0.051	0.50	6095379
Acenaphthene	ng/g	<0.58	0.58	0.50	6113570	0.74	0.40	6113570	43.3	0.074	0.50	6095379
Fluorene	ng/g	<0.32	0.32	0.50	6113570	0.22	0.10	6113570	5.98	0.16	0.50	6095379
Phenanthrene	ng/g	<0.40	0.40	0.50	6113570	<0.26	0.26	6113570	8.08	0.087	0.50	6095379
Anthracene	ng/g	<0.42	0.42	0.50	6113570	<0.27	0.27	6113570	3.54	0.091	0.50	6095379
Fluoranthene	ng/g	<0.37	0.37	0.50	6113570	<0.25	0.25	6113570	6.37	0.10	0.50	6095379
Pyrene	ng/g	<0.35	0.35	0.50	6113570	<0.24	0.24	6113570	6.63	0.099	0.50	6095379
Benzo(a)anthracene	ng/g	<0.33	0.33	0.50	6113570	<0.13	0.13	6113570	1.05	0.034	0.50	6095379
Chrysene	ng/g	<0.33	0.33	0.50	6113570	<0.14	0.14	6113570	2.02	0.038	0.50	6095379
Benzo(k)fluoranthene	ng/g	<0.25	0.25	0.50	6113570	<0.14	0.14	6113570	0.456	0.040	0.50	6095379
Benzo(a)pyrene	ng/g	<0.32	0.32	0.50	6113570	<0.18	0.18	6113570	0.640	0.071	0.50	6095379
Indeno(1,2,3-cd)pyrene	ng/g	<0.21	0.21	0.50	6113570	<0.092	0.092	6113570	0.152	0.053	0.50	6095379
Dibenz(a,h)anthracene	ng/g	<0.24	0.24	0.50	6113570	<0.076	0.076	6113570	0.040	0.024	0.50	6095379
Benzo(g,h,i)perylene	ng/g	<0.25	0.25	0.50	6113570	<0.14	0.14	6113570	0.334	0.064	0.50	6095379
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	24 (1)	N/A	N/A	6113570	31 (1)	N/A	6113570	116	N/A	N/A	6095379
Benz(a)anthracene-2H12	%	35 (1)	N/A	N/A	6113570	52	N/A	6113570	150	N/A	N/A	6095379
Benzo(a)pyrene-2H12	%	36 (1)	N/A	N/A	6113570	50	N/A	6113570	100	N/A	N/A	6095379
Benzo(b)fluoranthene-2H12	%	33 (1)	N/A	N/A	6113570	45 (1)	N/A	6113570	127	N/A	N/A	6095379
Benzo(g,h,i)perylene-2H12	%	31 (1)	N/A	N/A	6113570	51	N/A	6113570	103	N/A	N/A	6095379
Benzo(k)fluoranthene-2H12	%	35 (1)	N/A	N/A	6113570	47 (1)	N/A	6113570	132	N/A	N/A	6095379
Chrysene-2H12	%	33 (1)	N/A	N/A	6113570	47 (1)	N/A	6113570	131	N/A	N/A	6095379
Dibenzo(a,h)anthracene-2H14	%	31 (1)	N/A	N/A	6113570	60	N/A	6113570	126	N/A	N/A	6095379
Fluoranthene-2H10	%	32 (1)	N/A	N/A	6113570	38 (1)	N/A	6113570	114	N/A	N/A	6095379
Indeno(1,2,3-c,d)pyrene-2H12	%	31 (1)	N/A	N/A	6113570	56	N/A	6113570	109	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IRA108				IRA110			IUZ452			
Sampling Date												
	UNITS	KV-SOLE-15	EDL	RDL	QC Batch	KVS-C21 MEAT	EDL	QC Batch	LNGC-C01 HEPATO	EDL	RDL	QC Batch
Naphthalene-2H8	%	37 (1)	N/A	N/A	6113570	34 (1)	N/A	6113570	124 (2)	N/A	N/A	6095379
Perylene-2H12	%	33 (3)	N/A	N/A	6113570	55	N/A	6113570	126	N/A	N/A	6095379
Phenanthrene-2H10	%	27 (3)	N/A	N/A	6113570	34 (3)	N/A	6113570	88	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

13C used.
(2) 13C-naphthalene used.
(3) Internal standard recovery meets method limits.

BV Labs ID		IUZ468		IUZ469		IUZ470	
Sampling Date							
	UNITS	LNGC-C02 HEPATO	QC Batch	LNGC-C03 HEPATO	QC Batch	LNGC-C06 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	13	6110831	5.1	6115416	2.4	6110831

QC Batch = Quality Control Batch

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ471				IUZ472	
Sampling Date							
	UNITS	LNGC-C07 HEPATO	EDL	RDL	QC Batch	LNGC-C08 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.4	N/A	N/A	6091970	8.2	6110831
Polyaromatic Hydrocarbons							
Benzo(b/j)fluoranthene	ng/g	0.074	0.025	1.0	6095379	N/A	N/A
Naphthalene	ng/g	1.13	0.062	0.50	6095379	N/A	N/A
Acenaphthylene	ng/g	0.139	0.030	500	6095379	N/A	N/A
Acenaphthene	ng/g	1.78	0.084	0.50	6095379	N/A	N/A
Fluorene	ng/g	0.882	0.046	0.50	6095379	N/A	N/A
Phenanthrene	ng/g	0.816	0.071	0.50	6095379	N/A	N/A
Anthracene	ng/g	0.507	0.074	0.50	6095379	N/A	N/A
Fluoranthene	ng/g	0.368	0.022	0.50	6095379	N/A	N/A
Pyrene	ng/g	0.300	0.021	0.50	6095379	N/A	N/A
Benzo(a)anthracene	ng/g	0.073	0.018	0.50	6095379	N/A	N/A
Chrysene	ng/g	0.075	0.018	0.50	6095379	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.043	0.022	0.50	6095379	N/A	N/A
Benzo(a)pyrene	ng/g	0.039	0.036	0.50	6095379	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.016	0.016	0.50	6095379	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.019	0.019	0.50	6095379	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.032	0.020	0.50	6095379	N/A	N/A
Surrogate Recovery (%)							
Acenaphthylene-2H8	%	127	N/A	N/A	6095379	N/A	N/A
Benz(a)anthracene-2H12	%	152 (1)	N/A	N/A	6095379	N/A	N/A
Benzo(a)pyrene-2H12	%	94	N/A	N/A	6095379	N/A	N/A
Benzo(b)fluoranthene-2H12	%	111	N/A	N/A	6095379	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	100	N/A	N/A	6095379	N/A	N/A
Benzo(k)fluoranthene-2H12	%	117	N/A	N/A	6095379	N/A	N/A
Chrysene-2H12	%	148	N/A	N/A	6095379	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	112	N/A	N/A	6095379	N/A	N/A
Fluoranthene-2H10	%	122	N/A	N/A	6095379	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	112	N/A	N/A	6095379	N/A	N/A
Naphthalene-2H8	%	139 (2)	N/A	N/A	6095379	N/A	N/A
Perylene-2H12	%	116	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ471				IUZ472	
Sampling Date							
	UNITS	LNGC-C07 HEPATO	EDL	RDL	QC Batch	LNGC-C08 HEPATO	QC Batch
Phenanthrene-2H10	%	93	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ473				IUZ474	IUZ475	
Sampling Date								
	UNITS	LNGC-C09 HEPATO	EDL	RDL	QC Batch	LNGC-C10 HEPATO	LNGC-C11 HEPATO	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	4.1	N/A	N/A	6091970	1.3	5.3	6115416
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	2.45	0.063	1.0	6095379	N/A	N/A	N/A
Naphthalene	ng/g	1.22	0.038	0.50	6095379	N/A	N/A	N/A
Acenaphthylene	ng/g	0.392	0.035	0.50	6095379	N/A	N/A	N/A
Acenaphthene	ng/g	2.87	0.044	0.50	6095379	N/A	N/A	N/A
Fluorene	ng/g	0.609	0.083	0.50	6095379	N/A	N/A	N/A
Phenanthrene	ng/g	0.833	0.059	0.50	6095379	N/A	N/A	N/A
Anthracene	ng/g	1.76	0.062	0.50	6095379	N/A	N/A	N/A
Fluoranthene	ng/g	1.59	0.037	0.50	6095379	N/A	N/A	N/A
Pyrene	ng/g	1.73	0.035	0.50	6095379	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	1.66	0.037	0.50	6095379	N/A	N/A	N/A
Chrysene	ng/g	1.62	0.038	0.50	6095379	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	1.26	0.054	0.50	6095379	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	2.75	0.088	0.50	6095379	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	1.21	0.13	0.50	6095379	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	0.292	0.070	0.50	6095379	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	1.46	0.16	0.50	6095379	N/A	N/A	N/A
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	136	N/A	N/A	6095379	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	153 (1)	N/A	N/A	6095379	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	99	N/A	N/A	6095379	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	117	N/A	N/A	6095379	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	102	N/A	N/A	6095379	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	114	N/A	N/A	6095379	N/A	N/A	N/A
Chrysene-2H12	%	161 (1)	N/A	N/A	6095379	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	111	N/A	N/A	6095379	N/A	N/A	N/A
Fluoranthene-2H10	%	117	N/A	N/A	6095379	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	107	N/A	N/A	6095379	N/A	N/A	N/A
Naphthalene-2H8	%	150 (2)	N/A	N/A	6095379	N/A	N/A	N/A
Perylene-2H12	%	129	N/A	N/A	6095379	N/A	N/A	N/A

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ473				IUZ474	IUZ475	
Sampling Date								
	UNITS	LNGC-C09 HEPATO	EDL	RDL	QC Batch	LNGC-C10 HEPATO	LNGC-C11 HEPATO	QC Batch
Phenanthrene-2H10	%	86	N/A	N/A	6095379	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ476		IUZ477		IUZ478	
Sampling Date							
	UNITS	LNGC-C12 HEPATO	QC Batch	LNGC-C13 HEPATO	QC Batch	LNGC-C14 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	2.0	6115416	4.9	6110831	2.8	6115416

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ479		IUZ480				IUZ481	
Sampling Date									
	UNITS	LNGC-C16 HEPATO	EDL	LNGC-C17 HEPATO	EDL	RDL	QC Batch	LNGC-C18 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	3.8	N/A	19	N/A	N/A	6091970	5.9	6110831
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.325	0.037	0.052	0.036	1.0	6095379	N/A	N/A
Naphthalene	ng/g	1.21	0.11	1.67	0.11	0.50	6095379	N/A	N/A
Acenaphthylene	ng/g	1.27	0.037	4.17	0.053	0.50	6095379	N/A	N/A
Acenaphthene	ng/g	17.0	0.031	8.59	0.057	0.50	6095379	N/A	N/A
Fluorene	ng/g	0.461	0.038	0.60	0.10	0.50	6095379	N/A	N/A
Phenanthrene	ng/g	0.795	0.049	0.586	0.085	0.50	6095379	N/A	N/A
Anthracene	ng/g	0.829	0.052	2.53	0.089	0.50	6095379	N/A	N/A
Fluoranthene	ng/g	1.02	0.040	0.32	0.11	0.50	6095379	N/A	N/A
Pyrene	ng/g	0.905	0.038	0.15	0.10	0.50	6095379	N/A	N/A
Benzo(a)anthracene	ng/g	0.203	0.021	0.211	0.028	0.50	6095379	N/A	N/A
Chrysene	ng/g	0.277	0.022	0.074	0.029	0.50	6095379	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.123	0.033	0.052	0.031	0.50	6095379	N/A	N/A
Benzo(a)pyrene	ng/g	0.144	0.054	<0.053	0.053	0.50	6095379	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	0.071	0.032	<0.016	0.016	0.50	6095379	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.025	0.025	<0.019	0.019	0.50	6095379	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.081	0.039	0.022	0.021	0.50	6095379	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	114	N/A	107	N/A	N/A	6095379	N/A	N/A
Benz(a)anthracene-2H12	%	149	N/A	161 (1)	N/A	N/A	6095379	N/A	N/A
Benzo(a)pyrene-2H12	%	99	N/A	101	N/A	N/A	6095379	N/A	N/A
Benzo(b)fluoranthene-2H12	%	116	N/A	121	N/A	N/A	6095379	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	103	N/A	112	N/A	N/A	6095379	N/A	N/A
Benzo(k)fluoranthene-2H12	%	124	N/A	130	N/A	N/A	6095379	N/A	N/A
Chrysene-2H12	%	143	N/A	150	N/A	N/A	6095379	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	114	N/A	129	N/A	N/A	6095379	N/A	N/A
Fluoranthene-2H10	%	112	N/A	118	N/A	N/A	6095379	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	113	N/A	120	N/A	N/A	6095379	N/A	N/A
Naphthalene-2H8	%	110 (2)	N/A	81 (2)	N/A	N/A	6095379	N/A	N/A
Perylene-2H12	%	121	N/A	130	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ479		IUZ480				IUZ481	
Sampling Date									
	UNITS	LNGC-C16 HEPATO	EDL	LNGC-C17 HEPATO	EDL	RDL	QC Batch	LNGC-C18 HEPATO	QC Batch
Phenanthrene-2H10	%	113	N/A	120	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ482			IUZ482				IUZ483	
Sampling Date										
	UNITS	LNGC-C19 HEPATO	EDL	RDL	LNGC-C19 HEPATO Lab-Dup	EDL	RDL	QC Batch	LNGC-C20 HEPATO	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	5.6	N/A	N/A	N/A	N/A	N/A	6091970	12	6115416
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.132	0.028	1.0	0.169	0.019	0.99	6095379	N/A	N/A
Naphthalene	ng/g	2.40	0.062	0.50	2.83	0.076	0.50	6095379	N/A	N/A
Acenaphthylene	ng/g	1.41	0.024	0.50	1.64	0.014	0.50	6095379	N/A	N/A
Acenaphthene	ng/g	23.1	0.048	0.50	26.3	0.056	0.50	6095379	N/A	N/A
Fluorene	ng/g	1.75	0.057	0.50	1.98	0.074	0.50	6095379	N/A	N/A
Phenanthrene	ng/g	1.54	0.082	0.50	1.87	0.090	0.50	6095379	N/A	N/A
Anthracene	ng/g	1.42	0.086	0.50	2.31	0.094	0.50	6095379	N/A	N/A
Fluoranthene	ng/g	0.481	0.050	0.50	0.564	0.039	0.50	6095379	N/A	N/A
Pyrene	ng/g	0.243	0.048	0.50	0.262	0.037	0.50	6095379	N/A	N/A
Benzo(a)anthracene	ng/g	0.269	0.024	0.50	0.323	0.021	0.50	6095379	N/A	N/A
Chrysene	ng/g	0.247	0.026	0.50	0.321	0.025	0.50	6095379	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.052	0.024	0.50	0.053	0.017	0.50	6095379	N/A	N/A
Benzo(a)pyrene	ng/g	0.059	0.041	0.50	0.061	0.029	0.50	6095379	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.014	0.014	0.50	0.017	0.016	0.50	6095379	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.017	0.017	0.50	<0.018	0.018	0.50	6095379	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.022	0.018	0.50	0.032	0.022	0.50	6095379	N/A	N/A
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	98	N/A	N/A	97	N/A	N/A	6095379	N/A	N/A
Benz(a)anthracene-2H12	%	160 (1)	N/A	N/A	150	N/A	N/A	6095379	N/A	N/A
Benzo(a)pyrene-2H12	%	98	N/A	N/A	91	N/A	N/A	6095379	N/A	N/A
Benzo(b)fluoranthene-2H12	%	130	N/A	N/A	113	N/A	N/A	6095379	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	112	N/A	N/A	101	N/A	N/A	6095379	N/A	N/A
Benzo(k)fluoranthene-2H12	%	127	N/A	N/A	115	N/A	N/A	6095379	N/A	N/A
Chrysene-2H12	%	144	N/A	N/A	125	N/A	N/A	6095379	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	130	N/A	N/A	122	N/A	N/A	6095379	N/A	N/A
Fluoranthene-2H10	%	109	N/A	N/A	104	N/A	N/A	6095379	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	117	N/A	N/A	115	N/A	N/A	6095379	N/A	N/A
Naphthalene-2H8	%	70 (2)	N/A	N/A	67 (2)	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ482			IUZ482				IUZ483	
Sampling Date										
	UNITS	LNGC-C19 HEPATO	EDL	RDL	LNGC-C19 HEPATO Lab-Dup	EDL	RDL	QC Batch	LNGC-C20 HEPATO	QC Batch
Perylene-2H12	%	127	N/A	N/A	117	N/A	N/A	6095379	N/A	N/A
Phenanthrene-2H10	%	113	N/A	N/A	104	N/A	N/A	6095379	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ484		IUZ485			IUZ486			
Sampling Date										
	UNITS	LNGC-C21 HEPATO	QC Batch	LNGC-C22 HEPATO	EDL	RDL	LNGC-C23 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	6.8	6110831	5.3	N/A	N/A	7.8	N/A	N/A	6091970
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	0.225	0.019	1.0	0.335	0.032	1.0	6095379
Naphthalene	ng/g	N/A	N/A	1.26	0.051	0.50	1.18	0.069	0.50	6095379
Acenaphthylene	ng/g	N/A	N/A	0.161	0.023	0.50	5.45	0.030	0.50	6095379
Acenaphthene	ng/g	N/A	N/A	1.11	0.030	0.50	142 (1)	0.83	5.0	6095379
Fluorene	ng/g	N/A	N/A	0.262	0.061	0.50	12.4	0.091	0.50	6095379
Phenanthrene	ng/g	N/A	N/A	0.367	0.042	0.50	1.48	0.12	0.50	6095379
Anthracene	ng/g	N/A	N/A	1.26	0.045	0.50	3.35	0.12	0.50	6095379
Fluoranthene	ng/g	N/A	N/A	0.246	0.030	0.50	0.530	0.063	0.50	6095379
Pyrene	ng/g	N/A	N/A	0.254	0.029	0.50	0.154	0.060	0.50	6095379
Benzo(a)anthracene	ng/g	N/A	N/A	0.147	0.027	0.50	0.557	0.028	0.50	6095379
Chrysene	ng/g	N/A	N/A	0.190	0.027	0.50	0.714	0.029	0.50	6095379
Benzo(k)fluoranthene	ng/g	N/A	N/A	0.065	0.017	0.50	0.067	0.025	0.50	6095379
Benzo(a)pyrene	ng/g	N/A	N/A	0.089	0.029	0.50	0.154	0.043	0.50	6095379
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	0.025	0.018	0.50	<0.023	0.023	0.50	6095379
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.020	0.020	0.50	<0.040	0.040	0.50	6095379
Benzo(g,h,i)perylene	ng/g	N/A	N/A	0.029	0.022	0.50	<0.030	0.030	0.50	6095379
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	N/A	N/A	106	N/A	N/A	100	N/A	N/A	6095379
Benz(a)anthracene-2H12	%	N/A	N/A	151 (2)	N/A	N/A	173 (2)	N/A	N/A	6095379
Benzo(a)pyrene-2H12	%	N/A	N/A	97	N/A	N/A	98	N/A	N/A	6095379
Benzo(b)fluoranthene-2H12	%	N/A	N/A	110	N/A	N/A	108	N/A	N/A	6095379
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	99	N/A	N/A	108	N/A	N/A	6095379
Benzo(k)fluoranthene-2H12	%	N/A	N/A	123	N/A	N/A	131	N/A	N/A	6095379
Chrysene-2H12	%	N/A	N/A	142	N/A	N/A	157 (2)	N/A	N/A	6095379
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	114	N/A	N/A	136	N/A	N/A	6095379
Fluoranthene-2H10	%	N/A	N/A	112	N/A	N/A	111	N/A	N/A	6095379
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	106	N/A	N/A	124	N/A	N/A	6095379
Naphthalene-2H8	%	N/A	N/A	88 (3)	N/A	N/A	77 (3)	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) from 10x dilution
(2) Internal standard recovery meets method limits.
(3) 13C-naphthalene used.

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ484		IUZ485			IUZ486			
Sampling Date										
	UNITS	LNGC-C21 HEPATO	QC Batch	LNGC-C22 HEPATO	EDL	RDL	LNGC-C23 HEPATO	EDL	RDL	QC Batch
Perylene-2H12	%	N/A	N/A	123	N/A	N/A	127	N/A	N/A	6095379
Phenanthrene-2H10	%	N/A	N/A	97	N/A	N/A	97	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ487		IUZ488	IUZ489	
Sampling Date						
	UNITS	LNGC-C25 HEPATO	QC Batch	LNGC-C26 HEPATO	LNGC-C27 HEPATO	QC Batch
Miscellaneous Parameters						
Fat (gravimetric)	%	3.6	6110831	4.0	9.2	6115416

QC Batch = Quality Control Batch

BV Labs ID		IUZ490	IUZ491	IUZ492	IUZ493	
Sampling Date						
	UNITS	LNGC-C28 HEPATO	LNGC-C29 HEPATO	LNGC-C30 HEPATO	LNGC-C34 HEPATO	QC Batch
Miscellaneous Parameters						
Fat (gravimetric)	%	3.8	6.5	4.1	3.9	6110831

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ494				IUZ495		IUZ496	
Sampling Date									
	UNITS	LNGC-C35 HEPATO	EDL	RDL	QC Batch	LNGC-C36 HEPATO	QC Batch	LNGC-C37 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	5.5	N/A	N/A	6091970	7.6	6110831	7.0	6115416
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.217	0.022	1.0	6095379	N/A	N/A	N/A	N/A
Naphthalene	ng/g	2.21	0.091	0.50	6095379	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0.948	0.048	0.50	6095379	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	12.7	0.036	0.50	6095379	N/A	N/A	N/A	N/A
Fluorene	ng/g	1.17	0.027	0.50	6095379	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	1.42	0.083	0.50	6095379	N/A	N/A	N/A	N/A
Anthracene	ng/g	1.72	0.088	0.50	6095379	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.455	0.036	0.50	6095379	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.307	0.035	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	0.175	0.040	0.50	6095379	N/A	N/A	N/A	N/A
Chrysene	ng/g	0.184	0.041	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.046	0.018	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	0.065	0.031	0.50	6095379	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.019	0.019	0.50	6095379	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.023	0.023	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.026	0.022	0.50	6095379	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	110	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	167 (1)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	94	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	108	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	103	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	126	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Chrysene-2H12	%	157 (1)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	121	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	114	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	117	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	88 (2)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Perylene-2H12	%	117	N/A	N/A	6095379	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ494				IUZ495		IUZ496	
Sampling Date									
	UNITS	LNGC-C35 HEPATO	EDL	RDL	QC Batch	LNGC-C36 HEPATO	QC Batch	LNGC-C37 HEPATO	QC Batch
Phenanthrene-2H10	%	108	N/A	N/A	6095379	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ497		IUZ498			IUZ499			
Sampling Date										
	UNITS	LNGC-C38 HEPATO	EDL	LNGC-C39 HEPATO	EDL	RDL	LNGC-C40 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	11	N/A	5.2	N/A	N/A	3.3	N/A	N/A	6091970
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.135	0.039	0.212	0.064	0.99	0.517	0.035	1.0	6095379
Naphthalene	ng/g	3.44	0.088	0.958	0.074	0.50	1.09	0.054	0.50	6095379
Acenaphthylene	ng/g	1.29	0.070	3.87	0.030	0.50	0.408	0.037	0.50	6095379
Acenaphthene	ng/g	13.5	0.050	54.9	0.053	0.50	3.96	0.034	0.50	6095379
Fluorene	ng/g	1.87	0.042	0.82	0.10	0.50	0.467	0.062	0.50	6095379
Phenanthrene	ng/g	1.56	0.052	2.19	0.15	0.50	1.25	0.079	0.50	6095379
Anthracene	ng/g	1.55	0.054	4.38	0.15	0.50	2.92	0.083	0.50	6095379
Fluoranthene	ng/g	0.557	0.064	1.07	0.13	0.50	0.690	0.057	0.50	6095379
Pyrene	ng/g	0.384	0.062	0.19	0.12	0.50	0.884	0.055	0.50	6095379
Benzo(a)anthracene	ng/g	0.237	0.032	0.678	0.042	0.50	0.785	0.048	0.50	6095379
Chrysene	ng/g	0.170	0.033	0.797	0.043	0.50	1.21	0.049	0.50	6095379
Benzo(k)fluoranthene	ng/g	0.061	0.034	0.079	0.060	0.50	0.095	0.029	0.50	6095379
Benzo(a)pyrene	ng/g	<0.053	0.053	0.113	0.098	0.50	0.223	0.051	0.50	6095379
Indeno(1,2,3-cd)pyrene	ng/g	<0.014	0.014	<0.028	0.028	0.50	<0.033	0.033	0.50	6095379
Dibenz(a,h)anthracene	ng/g	<0.022	0.022	<0.036	0.036	0.50	<0.032	0.032	0.50	6095379
Benzo(g,h,i)perylene	ng/g	0.043	0.017	<0.035	0.035	0.50	0.043	0.041	0.50	6095379
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	109	N/A	87	N/A	N/A	104	N/A	N/A	6095379
Benz(a)anthracene-2H12	%	178 (1)	N/A	138	N/A	N/A	166 (1)	N/A	N/A	6095379
Benzo(a)pyrene-2H12	%	107	N/A	84	N/A	N/A	100	N/A	N/A	6095379
Benzo(b)fluoranthene-2H12	%	114	N/A	110	N/A	N/A	122	N/A	N/A	6095379
Benzo(g,h,i)perylene-2H12	%	111	N/A	96	N/A	N/A	119	N/A	N/A	6095379
Benzo(k)fluoranthene-2H12	%	134	N/A	106	N/A	N/A	138	N/A	N/A	6095379
Chrysene-2H12	%	166 (1)	N/A	131	N/A	N/A	147	N/A	N/A	6095379
Dibenzo(a,h)anthracene-2H14	%	128	N/A	104	N/A	N/A	131	N/A	N/A	6095379
Fluoranthene-2H10	%	120	N/A	97	N/A	N/A	120	N/A	N/A	6095379
Indeno(1,2,3-c,d)pyrene-2H12	%	113	N/A	100	N/A	N/A	123	N/A	N/A	6095379
Naphthalene-2H8	%	82 (2)	N/A	70 (2)	N/A	N/A	87 (2)	N/A	N/A	6095379
Perylene-2H12	%	130	N/A	107	N/A	N/A	133	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ497		IUZ498			IUZ499			
Sampling Date										
	UNITS	LNGC-C38 HEPATO	EDL	LNGC-C39 HEPATO	EDL	RDL	LNGC-C40 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	132	N/A	106	N/A	N/A	119	N/A	N/A	6095379

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ500		IUZ501		IUZ502	
Sampling Date							
	UNITS	LNGC-C42 HEPATO	QC Batch	LNGC-C45 HEPATO	QC Batch	LNGC-C46 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	5.4	6115416	3.2	6110831	2.3	6115416

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ503				IUZ504		IUZ505	
Sampling Date									
	UNITS	LNGC-C50 HEPATO	EDL	RDL	QC Batch	LNGC-C53 HEPATO	QC Batch	LNGC-C54 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	3.2	N/A	N/A	6091970	12	6110831	4.4	6115416
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.355	0.024	1.0	6095379	N/A	N/A	N/A	N/A
Naphthalene	ng/g	1.46	0.063	0.50	6095379	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0.435	0.041	0.50	6095379	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	3.90	0.038	0.50	6095379	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.341	0.036	0.50	6095379	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	1.24	0.050	0.50	6095379	N/A	N/A	N/A	N/A
Anthracene	ng/g	1.78	0.053	0.50	6095379	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.583	0.048	0.50	6095379	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.128	0.046	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	0.763	0.022	0.50	6095379	N/A	N/A	N/A	N/A
Chrysene	ng/g	1.03	0.022	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.068	0.021	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	0.142	0.036	0.50	6095379	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	0.024	0.012	0.50	6095379	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.020	0.020	0.50	6095379	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.030	0.015	0.50	6095379	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	103	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	169 (1)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	100	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	119	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	111	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	128	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Chrysene-2H12	%	156 (1)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	129	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	112	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	128	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	73 (2)	N/A	N/A	6095379	N/A	N/A	N/A	N/A
Perylene-2H12	%	130	N/A	N/A	6095379	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13C-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ503				IUZ504		IUZ505	
Sampling Date									
	UNITS	LNGC-C50 HEPATO	EDL	RDL	QC Batch	LNGC-C53 HEPATO	QC Batch	LNGC-C54 HEPATO	QC Batch
Phenanthrene-2H10	%	100	N/A	N/A	6095379	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ506		IUZ507				IUZ508	
Sampling Date									
	UNITS	LNGC-C55 HEPATO	QC Batch	LNGC-C56 HEPATO	EDL	RDL	QC Batch	LNGC-C57 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	7.9	6115416	3.2	N/A	N/A	6096442	1.7	6115416
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	0.230	0.097	1.0	6104533	N/A	N/A
Naphthalene	ng/g	N/A	N/A	4.25	0.21	0.50	6104533	N/A	N/A
Acenaphthylene	ng/g	N/A	N/A	1.06	0.082	0.50	6104533	N/A	N/A
Acenaphthene	ng/g	N/A	N/A	22.5	0.16	0.50	6104533	N/A	N/A
Fluorene	ng/g	N/A	N/A	3.32	0.14	0.50	6104533	N/A	N/A
Phenanthrene	ng/g	N/A	N/A	4.19	0.089	0.50	6104533	N/A	N/A
Anthracene	ng/g	N/A	N/A	4.76	0.093	0.50	6104533	N/A	N/A
Fluoranthene	ng/g	N/A	N/A	1.11	0.14	0.50	6104533	N/A	N/A
Pyrene	ng/g	N/A	N/A	1.03	0.14	0.50	6104533	N/A	N/A
Benzo(a)anthracene	ng/g	N/A	N/A	0.340	0.075	0.50	6104533	N/A	N/A
Chrysene	ng/g	N/A	N/A	0.270	0.077	0.50	6104533	N/A	N/A
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.085	0.085	0.50	6104533	N/A	N/A
Benzo(a)pyrene	ng/g	N/A	N/A	<0.15	0.15	0.50	6104533	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.084	0.084	0.50	6104533	N/A	N/A
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.084	0.084	0.50	6104533	N/A	N/A
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.098	0.098	0.50	6104533	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	77	N/A	N/A	6104533	N/A	N/A
Benz(a)anthracene-2H12	%	N/A	N/A	88	N/A	N/A	6104533	N/A	N/A
Benzo(a)pyrene-2H12	%	N/A	N/A	74	N/A	N/A	6104533	N/A	N/A
Benzo(b)fluoranthene-2H12	%	N/A	N/A	92	N/A	N/A	6104533	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	62	N/A	N/A	6104533	N/A	N/A
Benzo(k)fluoranthene-2H12	%	N/A	N/A	90	N/A	N/A	6104533	N/A	N/A
Chrysene-2H12	%	N/A	N/A	99	N/A	N/A	6104533	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	73	N/A	N/A	6104533	N/A	N/A
Fluoranthene-2H10	%	N/A	N/A	79	N/A	N/A	6104533	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	67	N/A	N/A	6104533	N/A	N/A
Naphthalene-2H8	%	N/A	N/A	68 (1)	N/A	N/A	6104533	N/A	N/A
Perylene-2H12	%	N/A	N/A	78	N/A	N/A	6104533	N/A	N/A
Phenanthrene-2H10	%	N/A	N/A	90	N/A	N/A	6104533	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ509	IUZ510		IUZ511			
Sampling Date								
	UNITS	LNGC-C59 HEPATO	RT-C01 HEPATO	QC Batch	RT-C03 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	5.6	2.8	6115416	5.3	N/A	N/A	6096442
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	0.305	0.083	1.0	6104533
Naphthalene	ng/g	N/A	N/A	N/A	2.79	0.085	0.50	6104533
Acenaphthylene	ng/g	N/A	N/A	N/A	0.487	0.061	0.50	6104533
Acenaphthene	ng/g	N/A	N/A	N/A	7.04	0.12	0.50	6104533
Fluorene	ng/g	N/A	N/A	N/A	1.49	0.081	0.50	6104533
Phenanthrene	ng/g	N/A	N/A	N/A	0.874	0.078	0.50	6104533
Anthracene	ng/g	N/A	N/A	N/A	0.705	0.082	0.50	6104533
Fluoranthene	ng/g	N/A	N/A	N/A	0.370	0.079	0.50	6104533
Pyrene	ng/g	N/A	N/A	N/A	0.264	0.076	0.50	6104533
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	0.169	0.068	0.50	6104533
Chrysene	ng/g	N/A	N/A	N/A	0.304	0.068	0.50	6104533
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	0.115	0.076	0.50	6104533
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	<0.14	0.14	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	<0.084	0.084	0.50	6104533
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.044	0.044	0.50	6104533
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	<0.095	0.095	0.50	6104533
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	97	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	123	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	81	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	99	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	92	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	106	N/A	N/A	6104533
Chrysene-2H12	%	N/A	N/A	N/A	124	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	104	N/A	N/A	6104533
Fluoranthene-2H10	%	N/A	N/A	N/A	106	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	91	N/A	N/A	6104533
Naphthalene-2H8	%	N/A	N/A	N/A	81 (1)	N/A	N/A	6104533
Perylene-2H12	%	N/A	N/A	N/A	103	N/A	N/A	6104533
Phenanthrene-2H10	%	N/A	N/A	N/A	108	N/A	N/A	6104533

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ512	IUZ513	IUZ514	IUZ515	
Sampling Date						
	UNITS	RT-C04 HEPATO	RT-C06 HEPATO	RT-C07 HEPATO	RT-C08 HEPATO	QC Batch
Miscellaneous Parameters						
Fat (gravimetric)	%	4.6	3.2	2.1	5.2	6115416

QC Batch = Quality Control Batch

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ516				IUZ517		IUZ518			
Sampling Date											
	UNITS	RT-C09 HEPATO	EDL	RDL	QC Batch	RT-C10 HEPATO	QC Batch	RT-C11 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	7.5	N/A	N/A	6096442	3.1	6090477	2.6	N/A	N/A	6096442
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.175	0.081	1.0	6104533	N/A	N/A	0.252	0.044	0.99	6104533
Naphthalene	ng/g	0.85	0.13	0.50	6104533	N/A	N/A	0.742	0.081	0.50	6104533
Acenaphthylene	ng/g	1.57	0.084	0.50	6104533	N/A	N/A	0.234	0.041	0.50	6104533
Acenaphthene	ng/g	29.0 (1)	0.33	5.0	6104533	N/A	N/A	1.17	0.055	0.50	6104533
Fluorene	ng/g	1.73	0.076	0.50	6104533	N/A	N/A	0.333	0.050	0.50	6104533
Phenanthrene	ng/g	0.564	0.094	0.50	6104533	N/A	N/A	0.440	0.089	0.50	6104533
Anthracene	ng/g	0.781	0.099	0.50	6104533	N/A	N/A	0.846	0.094	0.50	6104533
Fluoranthene	ng/g	0.274	0.075	0.50	6104533	N/A	N/A	0.283	0.087	0.50	6104533
Pyrene	ng/g	0.189	0.071	0.50	6104533	N/A	N/A	0.190	0.083	0.50	6104533
Benzo(a)anthracene	ng/g	0.206	0.059	0.50	6104533	N/A	N/A	0.196	0.066	0.50	6104533
Chrysene	ng/g	0.182	0.060	0.50	6104533	N/A	N/A	0.276	0.071	0.50	6104533
Benzo(k)fluoranthene	ng/g	<0.076	0.076	0.50	6104533	N/A	N/A	0.086	0.038	0.50	6104533
Benzo(a)pyrene	ng/g	<0.13	0.13	0.50	6104533	N/A	N/A	0.113	0.080	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	<0.064	0.064	0.50	6104533	N/A	N/A	<0.039	0.039	0.50	6104533
Dibenz(a,h)anthracene	ng/g	<0.056	0.056	0.50	6104533	N/A	N/A	<0.041	0.041	0.50	6104533
Benzo(g,h,i)perylene	ng/g	<0.070	0.070	0.50	6104533	N/A	N/A	<0.043	0.043	0.50	6104533
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	122	N/A	N/A	6104533	N/A	N/A	117	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	143	N/A	N/A	6104533	N/A	N/A	152 (2)	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	100	N/A	N/A	6104533	N/A	N/A	99	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	133	N/A	N/A	6104533	N/A	N/A	130	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	106	N/A	N/A	6104533	N/A	N/A	107	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	124	N/A	N/A	6104533	N/A	N/A	141	N/A	N/A	6104533
Chrysene-2H12	%	150	N/A	N/A	6104533	N/A	N/A	146	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	123	N/A	N/A	6104533	N/A	N/A	119	N/A	N/A	6104533
Fluoranthene-2H10	%	121	N/A	N/A	6104533	N/A	N/A	121	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	98	N/A	N/A	6104533	N/A	N/A	112	N/A	N/A	6104533
Naphthalene-2H8	%	99 (3)	N/A	N/A	6104533	N/A	N/A	96 (3)	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) from 10x dilution
(2) Internal standard recovery meets method limits.
(3) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ516				IUZ517		IUZ518			
Sampling Date											
	UNITS	RT-C09 HEPATO	EDL	RDL	QC Batch	RT-C10 HEPATO	QC Batch	RT-C11 HEPATO	EDL	RDL	QC Batch
Perylene-2H12	%	126	N/A	N/A	6104533	N/A	N/A	130	N/A	N/A	6104533
Phenanthrene-2H10	%	127	N/A	N/A	6104533	N/A	N/A	132	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ518				IUZ519	IUZ520	IUZ521	
Sampling Date									
	UNITS	RT-C11 HEPATO Lab-Dup	EDL	RDL	QC Batch	RT-C12 HEPATO	RT-C13 HEPATO	RT-C15 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	N/A	N/A	N/A	6096442	4.4	4.5	13	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.478	0.057	1.0	6104533	N/A	N/A	N/A	N/A
Naphthalene	ng/g	0.79	0.11	0.50	6104533	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0.276	0.058	0.50	6104533	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	1.28	0.077	0.50	6104533	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.331	0.066	0.50	6104533	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	0.526	0.046	0.50	6104533	N/A	N/A	N/A	N/A
Anthracene	ng/g	0.847	0.049	0.50	6104533	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.51	0.13	0.50	6104533	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.38	0.12	0.50	6104533	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	0.258	0.053	0.50	6104533	N/A	N/A	N/A	N/A
Chrysene	ng/g	0.376	0.052	0.50	6104533	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.139	0.049	0.50	6104533	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	0.258	0.091	0.50	6104533	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	0.105	0.070	0.50	6104533	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.085	0.085	0.50	6104533	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	0.154	0.078	0.50	6104533	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	113	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	140	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	94	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	116	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	103	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	137	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Chrysene-2H12	%	140	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	115	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	114	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	97	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	94 (1)	N/A	N/A	6104533	N/A	N/A	N/A	N/A
Perylene-2H12	%	115	N/A	N/A	6104533	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ518				IUZ519	IUZ520	IUZ521	
Sampling Date									
	UNITS	RT-C11 HEPATO Lab-Dup	EDL	RDL	QC Batch	RT-C12 HEPATO	RT-C13 HEPATO	RT-C15 HEPATO	QC Batch
Phenanthrene-2H10	%	127	N/A	N/A	6104533	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ522	IUZ523		IUZ524			
Sampling Date								
	UNITS	RT-C16 HEPATO	RT-C17 HEPATO	QC Batch	RT-C18 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.50	0.0	6090477	6.1	N/A	N/A	6096442
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	0.725	0.039	0.99	6104533
Naphthalene	ng/g	N/A	N/A	N/A	3.10	0.12	0.50	6104533
Acenaphthylene	ng/g	N/A	N/A	N/A	0.834	0.053	0.50	6104533
Acenaphthene	ng/g	N/A	N/A	N/A	13.2	0.082	0.50	6104533
Fluorene	ng/g	N/A	N/A	N/A	0.703	0.074	0.50	6104533
Phenanthrene	ng/g	N/A	N/A	N/A	0.570	0.070	0.50	6104533
Anthracene	ng/g	N/A	N/A	N/A	1.20	0.073	0.50	6104533
Fluoranthene	ng/g	N/A	N/A	N/A	0.426	0.049	0.50	6104533
Pyrene	ng/g	N/A	N/A	N/A	0.329	0.047	0.50	6104533
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	0.237	0.061	0.50	6104533
Chrysene	ng/g	N/A	N/A	N/A	0.538	0.061	0.50	6104533
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	0.086	0.033	0.50	6104533
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	0.273	0.058	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	0.096	0.076	0.50	6104533
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.094	0.094	0.50	6104533
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	<0.076	0.076	0.50	6104533
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	88	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	109	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	83	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	94	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	87	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	111	N/A	N/A	6104533
Chrysene-2H12	%	N/A	N/A	N/A	117	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	87	N/A	N/A	6104533
Fluoranthene-2H10	%	N/A	N/A	N/A	103	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	76	N/A	N/A	6104533
Naphthalene-2H8	%	N/A	N/A	N/A	82 (1)	N/A	N/A	6104533
Perylene-2H12	%	N/A	N/A	N/A	106	N/A	N/A	6104533
Phenanthrene-2H10	%	N/A	N/A	N/A	109	N/A	N/A	6104533

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ525	IUZ526		IUZ527			
Sampling Date								
	UNITS	RT-C19 HEPATO	RT-C20 HEPATO	QC Batch	RT-C21 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	3.8	3.5	6090477	8.5	N/A	N/A	6096442
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	0.45	0.19	1.0	6104533
Naphthalene	ng/g	N/A	N/A	N/A	1.87	0.17	0.50	6104533
Acenaphthylene	ng/g	N/A	N/A	N/A	0.354	0.046	0.50	6104533
Acenaphthene	ng/g	N/A	N/A	N/A	5.24	0.075	0.50	6104533
Fluorene	ng/g	N/A	N/A	N/A	0.472	0.068	0.50	6104533
Phenanthrene	ng/g	N/A	N/A	N/A	0.55	0.12	0.50	6104533
Anthracene	ng/g	N/A	N/A	N/A	1.12	0.12	0.50	6104533
Fluoranthene	ng/g	N/A	N/A	N/A	0.36	0.16	0.50	6104533
Pyrene	ng/g	N/A	N/A	N/A	0.23	0.15	0.50	6104533
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	0.223	0.078	0.50	6104533
Chrysene	ng/g	N/A	N/A	N/A	0.331	0.079	0.50	6104533
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	<0.17	0.17	0.50	6104533
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	<0.29	0.29	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	<0.080	0.080	0.50	6104533
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.072	0.072	0.50	6104533
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	<0.10	0.10	0.50	6104533
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	119	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	126	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	104	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	122	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	81	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	119	N/A	N/A	6104533
Chrysene-2H12	%	N/A	N/A	N/A	139	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	99	N/A	N/A	6104533
Fluoranthene-2H10	%	N/A	N/A	N/A	112	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	87	N/A	N/A	6104533
Naphthalene-2H8	%	N/A	N/A	N/A	80 (1)	N/A	N/A	6104533
Perylene-2H12	%	N/A	N/A	N/A	123	N/A	N/A	6104533
Phenanthrene-2H10	%	N/A	N/A	N/A	121	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ528	IUZ529		IUZ530			
Sampling Date								
	UNITS	RT-C22 HEPATO	RT-C23 HEPATO	QC Batch	RT-C24 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	7.8	10	6090477	3.7	N/A	N/A	6096442
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	2.22	0.070	1.0	6104533
Naphthalene	ng/g	N/A	N/A	N/A	1.61	0.13	0.50	6104533
Acenaphthylene	ng/g	N/A	N/A	N/A	4.98	0.062	0.50	6104533
Acenaphthene	ng/g	N/A	N/A	N/A	179 (1)	0.83	5.0	6104533
Fluorene	ng/g	N/A	N/A	N/A	37.8 (1)	0.58	5.0	6104533
Phenanthrene	ng/g	N/A	N/A	N/A	20.8	0.22	0.50	6104533
Anthracene	ng/g	N/A	N/A	N/A	6.44	0.23	0.50	6104533
Fluoranthene	ng/g	N/A	N/A	N/A	4.29	0.12	0.50	6104533
Pyrene	ng/g	N/A	N/A	N/A	0.52	0.12	0.50	6104533
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	2.59	0.080	0.50	6104533
Chrysene	ng/g	N/A	N/A	N/A	2.98	0.082	0.50	6104533
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	0.467	0.061	0.50	6104533
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	1.05	0.12	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	<0.092	0.092	0.50	6104533
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.15	0.15	0.50	6104533
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	0.098	0.088	0.50	6104533
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	81	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	102	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	79	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	99	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	78	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	99	N/A	N/A	6104533
Chrysene-2H12	%	N/A	N/A	N/A	108	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	88	N/A	N/A	6104533
Fluoranthene-2H10	%	N/A	N/A	N/A	94	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	76	N/A	N/A	6104533
Naphthalene-2H8	%	N/A	N/A	N/A	79 (2)	N/A	N/A	6104533
Perylene-2H12	%	N/A	N/A	N/A	101	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) from 10x dilution
(2) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ528	IUZ529		IUZ530			
Sampling Date								
	UNITS	RT-C22 HEPATO	RT-C23 HEPATO	QC Batch	RT-C24 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	N/A	N/A	N/A	100	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ531			IUZ532			IUZ533			
Sampling Date											
	UNITS	RT-C25 HEPATO	EDL	RDL	RT-C26 HEPATO	EDL	RDL	RT-C27 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	1.6	N/A	N/A	2.5	N/A	N/A	3.7	N/A	N/A	6096442
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	1.13	0.086	0.99	0.381	0.062	1.0	0.98	0.15	0.99	6104533
Naphthalene	ng/g	0.669	0.092	0.50	1.51	0.11	0.50	1.32	0.080	0.50	6104533
Acenaphthylene	ng/g	0.372	0.065	0.50	0.390	0.047	0.50	0.325	0.062	0.50	6104533
Acenaphthene	ng/g	4.58	0.064	0.50	4.15	0.091	0.50	4.64	0.074	0.50	6104533
Fluorene	ng/g	0.443	0.052	0.50	1.09	0.11	0.50	0.68	0.10	0.50	6104533
Phenanthrene	ng/g	0.682	0.061	0.50	0.738	0.072	0.50	4.05	0.081	0.50	6104533
Anthracene	ng/g	0.648	0.065	0.50	3.74	0.075	0.50	2.87	0.085	0.50	6104533
Fluoranthene	ng/g	0.759	0.066	0.50	0.551	0.062	0.50	0.82	0.13	0.50	6104533
Pyrene	ng/g	1.34	0.063	0.50	0.527	0.059	0.50	0.62	0.13	0.50	6104533
Benzo(a)anthracene	ng/g	0.251	0.056	0.50	0.308	0.070	0.50	0.695	0.089	0.50	6104533
Chrysene	ng/g	0.727	0.057	0.50	0.588	0.074	0.50	2.92	0.086	0.50	6104533
Benzo(k)fluoranthene	ng/g	0.756	0.076	0.50	0.064	0.054	0.50	<0.13	0.13	0.50	6104533
Benzo(a)pyrene	ng/g	0.74	0.14	0.50	0.116	0.093	0.50	0.57	0.22	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	0.40	0.13	0.50	0.053	0.050	0.50	<0.097	0.097	0.50	6104533
Dibenz(a,h)anthracene	ng/g	<0.073	0.073	0.50	<0.073	0.073	0.50	<0.087	0.087	0.50	6104533
Benzo(g,h,i)perylene	ng/g	1.71	0.15	0.50	0.092	0.060	0.50	0.16	0.11	0.50	6104533
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	104	N/A	N/A	97	N/A	N/A	127	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	120	N/A	N/A	134	N/A	N/A	126	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	104	N/A	N/A	97	N/A	N/A	90	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	124	N/A	N/A	110	N/A	N/A	103	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	82	N/A	N/A	86	N/A	N/A	89	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	139	N/A	N/A	131	N/A	N/A	124	N/A	N/A	6104533
Chrysene-2H12	%	122	N/A	N/A	139	N/A	N/A	133	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	102	N/A	N/A	104	N/A	N/A	99	N/A	N/A	6104533
Fluoranthene-2H10	%	108	N/A	N/A	116	N/A	N/A	129	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	94	N/A	N/A	100	N/A	N/A	89	N/A	N/A	6104533
Naphthalene-2H8	%	90 (1)	N/A	N/A	81 (1)	N/A	N/A	99 (1)	N/A	N/A	6104533
Perylene-2H12	%	127	N/A	N/A	124	N/A	N/A	116	N/A	N/A	6104533
Phenanthrene-2H10	%	104	N/A	N/A	123	N/A	N/A	116	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ534			IUZ535			IUZ536			
Sampling Date											
	UNITS	RT-C28 HEPATO	EDL	RDL	RT-C29 HEPATO	EDL	RDL	RT-C30 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	4.0	N/A	N/A	7.0	N/A	N/A	1.8	N/A	N/A	6096442
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.673	0.071	1.0	64.4 (1)	0.39	9.9	0.231	0.058	5.0	6104533
Naphthalene	ng/g	5.37	0.14	0.50	1.93	0.082	0.50	0.63	0.17	0.50	6104533
Acenaphthylene	ng/g	1.74	0.093	0.50	1.33	0.061	0.50	<0.095	0.095	1.0	6104533
Acenaphthene	ng/g	33.4 (1)	0.68	5.0	4.87	0.060	0.50	1.21	0.13	0.50	6104533
Fluorene	ng/g	12.9	0.13	0.50	2.43	0.094	0.50	0.37	0.10	0.50	6104533
Phenanthrene	ng/g	2.68	0.082	0.50	5.15	0.089	0.50	0.33	0.11	0.50	6104533
Anthracene	ng/g	2.85	0.086	0.50	2.10	0.094	0.50	0.52	0.12	0.50	6104533
Fluoranthene	ng/g	1.06	0.057	0.50	9.56	0.10	0.50	0.132	0.064	0.50	6104533
Pyrene	ng/g	0.655	0.055	0.50	20.5 (1)	0.66	5.0	0.100	0.061	0.50	6104533
Benzo(a)anthracene	ng/g	0.645	0.053	0.50	3.66	0.23	0.50	0.110	0.048	0.50	6104533
Chrysene	ng/g	0.569	0.056	0.50	11.6	0.23	0.50	0.194	0.049	0.50	6104533
Benzo(k)fluoranthene	ng/g	0.092	0.062	0.50	25.8 (1)	0.32	5.0	0.058	0.052	0.50	6104533
Benzo(a)pyrene	ng/g	0.165	0.096	0.50	32.2 (1)	0.59	5.0	0.137	0.096	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	<0.082	0.082	0.50	14.3	0.29	0.50	<0.076	0.076	0.50	6104533
Dibenz(a,h)anthracene	ng/g	<0.067	0.067	0.50	4.08	0.31	0.50	<0.055	0.055	0.50	6104533
Benzo(g,h,i)perylene	ng/g	<0.098	0.098	0.50	25.3	0.35	0.50	<0.087	0.087	0.50	6104533
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	110	N/A	N/A	89	N/A	N/A	107	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	120	N/A	N/A	116	N/A	N/A	160 (2)	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	99	N/A	N/A	90	N/A	N/A	98	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	106	N/A	N/A	123	N/A	N/A	121	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	97	N/A	N/A	91	N/A	N/A	107	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	111	N/A	N/A	127	N/A	N/A	137	N/A	N/A	6104533
Chrysene-2H12	%	116	N/A	N/A	114	N/A	N/A	159 (2)	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	100	N/A	N/A	104	N/A	N/A	123	N/A	N/A	6104533
Fluoranthene-2H10	%	112	N/A	N/A	117	N/A	N/A	120	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	90	N/A	N/A	96	N/A	N/A	116	N/A	N/A	6104533
Naphthalene-2H8	%	92 (3)	N/A	N/A	84 (3)	N/A	N/A	100 (3)	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) from 10x dilution
(2) Internal standard recovery meets method limits.
(3) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ534			IUZ535			IUZ536			
Sampling Date											
	UNITS	RT-C28 HEPATO	EDL	RDL	RT-C29 HEPATO	EDL	RDL	RT-C30 HEPATO	EDL	RDL	QC Batch
Perylene-2H12	%	119	N/A	N/A	118	N/A	N/A	123	N/A	N/A	6104533
Phenanthrene-2H10	%	113	N/A	N/A	100	N/A	N/A	123	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ537		IUZ538		IUZ539			
Sampling Date									
	UNITS	RT-C31 HEPATO	EDL	RT-C32 HEPATO	EDL	RT-C33 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	2.5	N/A	4.0	N/A	5.8	N/A	N/A	6096442
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	1.39	0.056	0.478	0.054	0.228	0.041	5.0	6104533
Naphthalene	ng/g	0.702	0.095	1.07	0.11	1.36	0.11	0.50	6104533
Acenaphthylene	ng/g	0.301	0.097	0.152	0.068	0.357	0.038	1.0	6104533
Acenaphthene	ng/g	3.56	0.090	2.18	0.078	5.23	0.12	0.50	6104533
Fluorene	ng/g	0.182	0.092	0.311	0.048	0.791	0.096	0.50	6104533
Phenanthrene	ng/g	2.37	0.076	0.329	0.066	0.408	0.099	0.50	6104533
Anthracene	ng/g	1.53	0.080	2.41	0.069	0.79	0.10	0.50	6104533
Fluoranthene	ng/g	0.76	0.15	0.243	0.066	0.184	0.078	0.50	6104533
Pyrene	ng/g	0.43	0.14	0.231	0.063	0.239	0.075	0.50	6104533
Benzo(a)anthracene	ng/g	0.562	0.052	0.172	0.040	0.178	0.046	0.50	6104533
Chrysene	ng/g	1.86	0.052	0.540	0.043	0.159	0.052	0.50	6104533
Benzo(k)fluoranthene	ng/g	0.239	0.051	0.134	0.050	0.047	0.036	0.50	6104533
Benzo(a)pyrene	ng/g	0.596	0.096	0.223	0.087	0.089	0.063	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	<0.068	0.068	0.047	0.026	<0.058	0.058	0.50	6104533
Dibenz(a,h)anthracene	ng/g	<0.046	0.046	<0.045	0.045	<0.064	0.064	0.50	6104533
Benzo(g,h,i)perylene	ng/g	0.111	0.079	0.063	0.031	<0.067	0.067	0.50	6104533
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	109	N/A	113	N/A	120	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	152 (1)	N/A	152 (1)	N/A	158 (1)	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	96	N/A	99	N/A	100	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	123	N/A	123	N/A	124	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	110	N/A	107	N/A	107	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	134	N/A	133	N/A	139	N/A	N/A	6104533
Chrysene-2H12	%	143	N/A	142	N/A	146	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	128	N/A	129	N/A	126	N/A	N/A	6104533
Fluoranthene-2H10	%	120	N/A	116	N/A	114	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	106	N/A	106	N/A	103	N/A	N/A	6104533
Naphthalene-2H8	%	86 (2)	N/A	81 (2)	N/A	87 (2)	N/A	N/A	6104533
Perylene-2H12	%	126	N/A	128	N/A	120	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ537		IUZ538		IUZ539			
Sampling Date									
	UNITS	RT-C31 HEPATO	EDL	RT-C32 HEPATO	EDL	RT-C33 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	110	N/A	109	N/A	110	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ540	IUZ541	IUZ542	IUZ543	IUZ544	
Sampling Date							
	UNITS	RT-C34 HEPATO	RT-C35 HEPATO	RT-C36 HEPATO	RT-C37 HEPATO	RT-C38 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.9	4.7	5.4	0.30	5.4	6093543

QC Batch = Quality Control Batch

BV Labs ID		IUZ545	IUZ546	IUZ547		IUZ548	
Sampling Date							
	UNITS	RT-C39 HEPATO	RT-C40 HEPATO	RT-C41 HEPATO	QC Batch	RT-C42 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	11	0.10	4.2	6093543	1.7	6110831

QC Batch = Quality Control Batch

BV Labs ID		IUZ549	IUZ550	IUZ551	IUZ552	IUZ553	
Sampling Date							
	UNITS	RT-C43 HEPATO	RT-C44 HEPATO	RT-C45 HEPATO	RT-C46 HEPATO	RT-C48 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	15	7.2	9.2	8.3	4.6	6093543

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ554		IUZ555	IUZ556	
Sampling Date						
	UNITS	RT-C49 HEPATO	QC Batch	KILD-C01 HEPATO	KILD-C02 HEPATO	QC Batch
Miscellaneous Parameters						
Fat (gravimetric)	%	8.0	6093543	5.4	12	6024319
QC Batch = Quality Control Batch						

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ557				IUZ558		IUZ559	
Sampling Date									
	UNITS	KILD-C04 HEPATO	EDL	RDL	QC Batch	KILD-C05 HEPATO	QC Batch	KILD-C07 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.4	N/A	N/A	6023680	12	6024319	15	6005467
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.097	0.097	0.98	6024017	N/A	N/A	N/A	N/A
Naphthalene	ng/g	1.12	0.050	0.49	6024017	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0.055	0.036	0.49	6024017	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	0.118	0.027	0.49	6024017	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.171	0.028	0.49	6024017	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	0.324	0.040	0.49	6024017	N/A	N/A	N/A	N/A
Anthracene	ng/g	0.508	0.045	0.49	6024017	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.108	0.038	0.49	6024017	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.086	0.038	0.49	6024017	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	<0.039	0.039	0.49	6024017	N/A	N/A	N/A	N/A
Chrysene	ng/g	0.047	0.040	0.49	6024017	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.11	0.11	0.49	6024017	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.21	0.21	0.49	6024017	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.38	0.38	0.49	6024017	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.46	0.46	0.49	6024017	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.34	0.34	0.49	6024017	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	86	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	43 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	81	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	108	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	28 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	127	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Chrysene-2H12	%	47 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	28 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	94	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	30 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	77 (2)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Perylene-2H12	%	76	N/A	N/A	6024017	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=77%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ557				IUZ558		IUZ559	
Sampling Date									
	UNITS	KILD-C04 HEPATO	EDL	RDL	QC Batch	KILD-C05 HEPATO	QC Batch	KILD-C07 HEPATO	QC Batch
Phenanthrene-2H10	%	94	N/A	N/A	6024017	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ560	IUZ561	IUZ562		IUZ563			
Sampling Date									
	UNITS	KILD-C08 HEPATO	KILD-C09 HEPATO	KILD-C10 HEPATO	QC Batch	KILD-C11 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	4.2	5.8	2.1	6005467	8.7	N/A	N/A	6023680
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.21	0.21	0.98	6024017
Naphthalene	ng/g	N/A	N/A	N/A	N/A	1.71	0.071	0.49	6024017
Acenaphthylene	ng/g	N/A	N/A	N/A	N/A	0.076	0.029	0.49	6024017
Acenaphthene	ng/g	N/A	N/A	N/A	N/A	0.222	0.072	0.49	6024017
Fluorene	ng/g	N/A	N/A	N/A	N/A	0.234	0.070	0.49	6024017
Phenanthrene	ng/g	N/A	N/A	N/A	N/A	0.457	0.070	0.49	6024017
Anthracene	ng/g	N/A	N/A	N/A	N/A	2.05	0.078	0.49	6024017
Fluoranthene	ng/g	N/A	N/A	N/A	N/A	0.144	0.029	0.49	6024017
Pyrene	ng/g	N/A	N/A	N/A	N/A	0.139	0.028	0.49	6024017
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	N/A	0.207	0.098	0.49	6024017
Chrysene	ng/g	N/A	N/A	N/A	N/A	<0.10	0.10	0.49	6024017
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.21	0.21	0.49	6024017
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.42	0.42	0.49	6024017
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.37	0.37	0.49	6024017
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	N/A	<0.75	0.75	0.49	6024017
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	N/A	<0.40	0.40	0.49	6024017
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	N/A	N/A	78	N/A	N/A	6024017
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	N/A	37 (1)	N/A	N/A	6024017
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	N/A	87	N/A	N/A	6024017
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	106	N/A	N/A	6024017
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	N/A	41 (1)	N/A	N/A	6024017
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	113	N/A	N/A	6024017
Chrysene-2H12	%	N/A	N/A	N/A	N/A	36 (1)	N/A	N/A	6024017
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	N/A	33 (1)	N/A	N/A	6024017
Fluoranthene-2H10	%	N/A	N/A	N/A	N/A	101	N/A	N/A	6024017
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	N/A	40 (1)	N/A	N/A	6024017
Naphthalene-2H8	%	N/A	N/A	N/A	N/A	71 (2)	N/A	N/A	6024017
Perylene-2H12	%	N/A	N/A	N/A	N/A	77	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=71%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ560	IUZ561	IUZ562		IUZ563			
Sampling Date									
	UNITS	KILD-C08 HEPATO	KILD-C09 HEPATO	KILD-C10 HEPATO	QC Batch	KILD-C11 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	N/A	N/A	N/A	N/A	113	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ564		IUZ565			IUZ566			
Sampling Date										
	UNITS	KILD-C13 HEPATO	QC Batch	KILD-C15 HEPATO	EDL	RDL	KILD-C16 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	1.2	6005467	1.8	N/A	N/A	1.9	N/A	N/A	6023680
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	<0.12	0.12	0.99	<0.060	0.060	0.94	6024017
Naphthalene	ng/g	N/A	N/A	1.09	0.065	0.50	0.816	0.061	0.47	6024017
Acenaphthylene	ng/g	N/A	N/A	0.071	0.034	0.50	0.042	0.019	0.47	6024017
Acenaphthene	ng/g	N/A	N/A	0.120	0.095	0.50	0.125	0.030	0.47	6024017
Fluorene	ng/g	N/A	N/A	0.182	0.052	0.50	0.165	0.038	0.47	6024017
Phenanthrene	ng/g	N/A	N/A	0.361	0.060	0.50	0.266	0.040	0.47	6024017
Anthracene	ng/g	N/A	N/A	0.084	0.067	0.50	0.333	0.045	0.47	6024017
Fluoranthene	ng/g	N/A	N/A	0.109	0.031	0.50	0.082	0.019	0.47	6024017
Pyrene	ng/g	N/A	N/A	0.082	0.031	0.50	0.061	0.019	0.47	6024017
Benzo(a)anthracene	ng/g	N/A	N/A	<0.049	0.049	0.50	<0.036	0.036	0.47	6024017
Chrysene	ng/g	N/A	N/A	<0.052	0.052	0.50	<0.038	0.038	0.47	6024017
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.15	0.15	0.50	<0.075	0.075	0.47	6024017
Benzo(a)pyrene	ng/g	N/A	N/A	<0.24	0.24	0.50	<0.11	0.11	0.47	6024017
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.58	0.58	0.50	<0.12	0.12	0.47	6024017
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.52	0.52	0.50	<0.15	0.15	0.47	6024017
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.47	0.47	0.50	<0.11	0.11	0.47	6024017
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	N/A	N/A	83	N/A	N/A	84	N/A	N/A	6024017
Benz(a)anthracene-2H12	%	N/A	N/A	44 (1)	N/A	N/A	61	N/A	N/A	6024017
Benzo(a)pyrene-2H12	%	N/A	N/A	73	N/A	N/A	101	N/A	N/A	6024017
Benzo(b)fluoranthene-2H12	%	N/A	N/A	120	N/A	N/A	114	N/A	N/A	6024017
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	38 (1)	N/A	N/A	52	N/A	N/A	6024017
Benzo(k)fluoranthene-2H12	%	N/A	N/A	107	N/A	N/A	107	N/A	N/A	6024017
Chrysene-2H12	%	N/A	N/A	46 (1)	N/A	N/A	60	N/A	N/A	6024017
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	34 (1)	N/A	N/A	53	N/A	N/A	6024017
Fluoranthene-2H10	%	N/A	N/A	98	N/A	N/A	94	N/A	N/A	6024017
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	32 (1)	N/A	N/A	49 (1)	N/A	N/A	6024017
Naphthalene-2H8	%	N/A	N/A	76 (2)	N/A	N/A	69 (3)	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=76%
(3) 13c=69%

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ564		IUZ565			IUZ566			
Sampling Date										
	UNITS	KILD-C13 HEPATO	QC Batch	KILD-C15 HEPATO	EDL	RDL	KILD-C16 HEPATO	EDL	RDL	QC Batch
Perylene-2H12	%	N/A	N/A	80	N/A	N/A	88	N/A	N/A	6024017
Phenanthrene-2H10	%	N/A	N/A	97	N/A	N/A	107	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ566		IUZ567				IUZ568	
Sampling Date									
	UNITS	KILD-C16 HEPATO Lab-Dup	EDL	KILD-C17 HEPATO	EDL	RDL	QC Batch	KILD-C18 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	N/A	N/A	4.8	N/A	N/A	6023680	5.8	6024319
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.15	0.15	<0.12	0.12	1.0	6024017	N/A	N/A
Naphthalene	ng/g	1.38	0.070	1.10	0.072	0.50	6024017	N/A	N/A
Acenaphthylene	ng/g	0.053	0.035	0.047	0.026	0.50	6024017	N/A	N/A
Acenaphthene	ng/g	0.122	0.045	0.132	0.051	0.50	6024017	N/A	N/A
Fluorene	ng/g	0.288	0.045	0.201	0.057	0.50	6024017	N/A	N/A
Phenanthrene	ng/g	0.478	0.063	0.337	0.068	0.50	6024017	N/A	N/A
Anthracene	ng/g	0.306	0.070	0.972	0.075	0.50	6024017	N/A	N/A
Fluoranthene	ng/g	0.095	0.021	0.082	0.022	0.50	6024017	N/A	N/A
Pyrene	ng/g	0.093	0.021	0.081	0.022	0.50	6024017	N/A	N/A
Benzo(a)anthracene	ng/g	<0.075	0.075	<0.053	0.053	0.50	6024017	N/A	N/A
Chrysene	ng/g	<0.077	0.077	<0.053	0.053	0.50	6024017	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.18	0.18	<0.14	0.14	0.50	6024017	N/A	N/A
Benzo(a)pyrene	ng/g	<0.32	0.32	<0.22	0.22	0.50	6024017	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.39	0.39	<0.39	0.39	0.50	6024017	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.64	0.64	<0.46	0.46	0.50	6024017	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.35	0.35	<0.31	0.31	0.50	6024017	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	95	N/A	81	N/A	N/A	6024017	N/A	N/A
Benz(a)anthracene-2H12	%	41 (1)	N/A	41 (1)	N/A	N/A	6024017	N/A	N/A
Benzo(a)pyrene-2H12	%	91	N/A	84	N/A	N/A	6024017	N/A	N/A
Benzo(b)fluoranthene-2H12	%	114	N/A	109	N/A	N/A	6024017	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	40 (1)	N/A	39 (1)	N/A	N/A	6024017	N/A	N/A
Benzo(k)fluoranthene-2H12	%	121	N/A	111	N/A	N/A	6024017	N/A	N/A
Chrysene-2H12	%	42 (1)	N/A	41 (1)	N/A	N/A	6024017	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	43 (1)	N/A	38 (1)	N/A	N/A	6024017	N/A	N/A
Fluoranthene-2H10	%	105	N/A	90	N/A	N/A	6024017	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	39 (1)	N/A	32 (1)	N/A	N/A	6024017	N/A	N/A
Naphthalene-2H8	%	74 (2)	N/A	74 (2)	N/A	N/A	6024017	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=74%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ566		IUZ567				IUZ568	
Sampling Date									
	UNITS	KILD-C16 HEPATO Lab-Dup	EDL	KILD-C17 HEPATO	EDL	RDL	QC Batch	KILD-C18 HEPATO	QC Batch
Perylene-2H12	%	88	N/A	76	N/A	N/A	6024017	N/A	N/A
Phenanthrene-2H10	%	118	N/A	93	N/A	N/A	6024017	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ569		IUZ570		IUZ571			
Sampling Date									
	UNITS	KILD-C19 HEPATO	QC Batch	KILD-C20 HEPATO	EDL	KILD-C21 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	4.0	6024319	2.9	N/A	1.4	N/A	N/A	6023680
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	<0.077	0.077	<0.16	0.16	1.0	6024017
Naphthalene	ng/g	N/A	N/A	1.13	0.071	0.858	0.057	0.50	6024017
Acenaphthylene	ng/g	N/A	N/A	0.055	0.052	0.040	0.030	0.50	6024017
Acenaphthene	ng/g	N/A	N/A	0.208	0.063	<0.054	0.054	0.50	6024017
Fluorene	ng/g	N/A	N/A	0.224	0.052	0.152	0.086	0.50	6024017
Phenanthrene	ng/g	N/A	N/A	0.358	0.092	0.295	0.047	0.50	6024017
Anthracene	ng/g	N/A	N/A	0.20	0.10	0.678	0.053	0.50	6024017
Fluoranthene	ng/g	N/A	N/A	0.121	0.045	0.099	0.024	0.50	6024017
Pyrene	ng/g	N/A	N/A	0.091	0.044	0.073	0.023	0.50	6024017
Benzo(a)anthracene	ng/g	N/A	N/A	<0.060	0.060	<0.037	0.037	0.50	6024017
Chrysene	ng/g	N/A	N/A	<0.061	0.061	<0.037	0.037	0.50	6024017
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.092	0.092	<0.21	0.21	0.50	6024017
Benzo(a)pyrene	ng/g	N/A	N/A	<0.098	0.098	<0.35	0.35	0.50	6024017
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.14	0.14	<0.43	0.43	0.50	6024017
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.093	0.093	<0.37	0.37	0.50	6024017
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.12	0.12	<0.41	0.41	0.50	6024017
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	94	N/A	91	N/A	N/A	6024017
Benz(a)anthracene-2H12	%	N/A	N/A	53	N/A	41 (1)	N/A	N/A	6024017
Benzo(a)pyrene-2H12	%	N/A	N/A	117	N/A	93	N/A	N/A	6024017
Benzo(b)fluoranthene-2H12	%	N/A	N/A	108	N/A	111	N/A	N/A	6024017
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	81	N/A	47 (1)	N/A	N/A	6024017
Benzo(k)fluoranthene-2H12	%	N/A	N/A	100	N/A	112	N/A	N/A	6024017
Chrysene-2H12	%	N/A	N/A	54	N/A	40 (1)	N/A	N/A	6024017
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	88	N/A	47 (1)	N/A	N/A	6024017
Fluoranthene-2H10	%	N/A	N/A	101	N/A	97	N/A	N/A	6024017
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	72	N/A	38 (1)	N/A	N/A	6024017
Naphthalene-2H8	%	N/A	N/A	82 (2)	N/A	86 (3)	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=82%
(3) 13c=86%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ569		IUZ570		IUZ571			
Sampling Date									
	UNITS	KILD-C19 HEPATO	QC Batch	KILD-C20 HEPATO	EDL	KILD-C21 HEPATO	EDL	RDL	QC Batch
Perylene-2H12	%	N/A	N/A	101	N/A	79	N/A	N/A	6024017
Phenanthrene-2H10	%	N/A	N/A	123	N/A	117	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ572		IUZ573		IUZ574			
Sampling Date									
	UNITS	KILD-C25 HEPATO	QC Batch	KILD-C26 HEPATO	QC Batch	KILD-C28 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	2.4	6024319	3.3	6005467	1.8	N/A	N/A	6023680
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.14	0.14	0.99	6024017
Naphthalene	ng/g	N/A	N/A	N/A	N/A	1.51	0.063	0.50	6024017
Acenaphthylene	ng/g	N/A	N/A	N/A	N/A	0.079	0.020	0.50	6024017
Acenaphthene	ng/g	N/A	N/A	N/A	N/A	0.167	0.034	0.50	6024017
Fluorene	ng/g	N/A	N/A	N/A	N/A	0.281	0.058	0.50	6024017
Phenanthrene	ng/g	N/A	N/A	N/A	N/A	0.467	0.043	0.50	6024017
Anthracene	ng/g	N/A	N/A	N/A	N/A	0.148	0.049	0.50	6024017
Fluoranthene	ng/g	N/A	N/A	N/A	N/A	0.130	0.062	0.50	6024017
Pyrene	ng/g	N/A	N/A	N/A	N/A	0.099	0.061	0.50	6024017
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	N/A	0.178	0.049	0.50	6024017
Chrysene	ng/g	N/A	N/A	N/A	N/A	<0.052	0.052	0.50	6024017
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.14	0.14	0.50	6024017
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.25	0.25	0.50	6024017
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.57	0.57	0.50	6024017
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	N/A	<0.39	0.39	0.50	6024017
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	N/A	<0.53	0.53	0.50	6024017
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	N/A	N/A	84	N/A	N/A	6024017
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	N/A	43 (1)	N/A	N/A	6024017
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	N/A	83	N/A	N/A	6024017
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	102	N/A	N/A	6024017
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	N/A	34 (1)	N/A	N/A	6024017
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	111	N/A	N/A	6024017
Chrysene-2H12	%	N/A	N/A	N/A	N/A	44 (1)	N/A	N/A	6024017
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	N/A	31 (1)	N/A	N/A	6024017
Fluoranthene-2H10	%	N/A	N/A	N/A	N/A	94	N/A	N/A	6024017
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	N/A	30 (1)	N/A	N/A	6024017
Naphthalene-2H8	%	N/A	N/A	N/A	N/A	74 (2)	N/A	N/A	6024017
Perylene-2H12	%	N/A	N/A	N/A	N/A	82	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=74%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ572		IUZ573		IUZ574			
Sampling Date									
	UNITS	KILD-C25 HEPATO	QC Batch	KILD-C26 HEPATO	QC Batch	KILD-C28 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	N/A	N/A	N/A	N/A	91	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ575				IUZ576	IUZ579	
Sampling Date								
	UNITS	KILD-C29 HEPATO	EDL	RDL	QC Batch	KILD-C30 HEPATO	KILD-C32 HEPATO	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	5.1	N/A	N/A	6023680	1.9	2.7	6005467
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.14	0.14	1.0	6024017	N/A	N/A	N/A
Naphthalene	ng/g	1.12	0.063	0.50	6024017	N/A	N/A	N/A
Acenaphthylene	ng/g	0.081	0.055	0.50	6024017	N/A	N/A	N/A
Acenaphthene	ng/g	0.650	0.035	0.50	6024017	N/A	N/A	N/A
Fluorene	ng/g	0.297	0.036	0.50	6024017	N/A	N/A	N/A
Phenanthrene	ng/g	0.318	0.082	0.50	6024017	N/A	N/A	N/A
Anthracene	ng/g	1.13	0.091	0.50	6024017	N/A	N/A	N/A
Fluoranthene	ng/g	0.100	0.055	0.50	6024017	N/A	N/A	N/A
Pyrene	ng/g	<0.054	0.054	0.50	6024017	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	<0.065	0.065	0.50	6024017	N/A	N/A	N/A
Chrysene	ng/g	<0.065	0.065	0.50	6024017	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.16	0.16	0.50	6024017	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.23	0.23	0.50	6024017	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.48	0.48	0.50	6024017	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.80	0.80	0.50	6024017	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.42	0.42	0.50	6024017	N/A	N/A	N/A
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	88	N/A	N/A	6024017	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	39 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	86	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	88	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	44 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	99	N/A	N/A	6024017	N/A	N/A	N/A
Chrysene-2H12	%	39 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	39 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Fluoranthene-2H10	%	92	N/A	N/A	6024017	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	40 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Naphthalene-2H8	%	76 (2)	N/A	N/A	6024017	N/A	N/A	N/A
Perylene-2H12	%	77	N/A	N/A	6024017	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=76%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ575				IUZ576	IUZ579	
Sampling Date								
	UNITS	KILD-C29 HEPATO	EDL	RDL	QC Batch	KILD-C30 HEPATO	KILD-C32 HEPATO	QC Batch
Phenanthrene-2H10	%	110	N/A	N/A	6024017	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ580				IUZ581		IUZ582	
Sampling Date									
	UNITS	KILD-C33 HEPATO	EDL	RDL	QC Batch	KILD-C34 HEPATO	QC Batch	KILD-C35 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	3.6	N/A	N/A	6023680	4.3	6024319	2.4	6005467
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	1.0	6024017	N/A	N/A	N/A	N/A
Naphthalene	ng/g	1.18	0.054	0.50	6024017	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0.059	0.034	0.50	6024017	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	0.126	0.045	0.50	6024017	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.225	0.050	0.50	6024017	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	0.333	0.071	0.50	6024017	N/A	N/A	N/A	N/A
Anthracene	ng/g	0.471	0.079	0.50	6024017	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.091	0.040	0.50	6024017	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.083	0.039	0.50	6024017	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	<0.057	0.057	0.50	6024017	N/A	N/A	N/A	N/A
Chrysene	ng/g	<0.058	0.058	0.50	6024017	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.24	0.24	0.50	6024017	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.32	0.32	0.50	6024017	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.42	0.42	0.50	6024017	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.80	0.80	0.50	6024017	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.33	0.33	0.50	6024017	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	88	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	36 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	90	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	102	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	42 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	104	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Chrysene-2H12	%	37 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	41 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	93	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	37 (1)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	77 (2)	N/A	N/A	6024017	N/A	N/A	N/A	N/A
Perylene-2H12	%	81	N/A	N/A	6024017	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=77%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ580				IUZ581		IUZ582	
Sampling Date									
	UNITS	KILD-C33 HEPATO	EDL	RDL	QC Batch	KILD-C34 HEPATO	QC Batch	KILD-C35 HEPATO	QC Batch
Phenanthrene-2H10	%	116	N/A	N/A	6024017	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ583				IUZ584	IUZ585	
Sampling Date								
	UNITS	KILD-C36 HEPATO	EDL	RDL	QC Batch	KILD-C37 HEPATO	KILD-C38 HEPATO	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	2.1	N/A	N/A	6023680	11	11	6024319
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	1.0	6024017	N/A	N/A	N/A
Naphthalene	ng/g	1.14	0.071	0.50	6024017	N/A	N/A	N/A
Acenaphthylene	ng/g	0.039	0.033	50000	6024017	N/A	N/A	N/A
Acenaphthene	ng/g	0.109	0.067	0.50	6024017	N/A	N/A	N/A
Fluorene	ng/g	0.175	0.052	0.50	6024017	N/A	N/A	N/A
Phenanthrene	ng/g	0.288	0.052	0.50	6024017	N/A	N/A	N/A
Anthracene	ng/g	2.82	0.058	0.50	6024017	N/A	N/A	N/A
Fluoranthene	ng/g	0.111	0.070	0.50	6024017	N/A	N/A	N/A
Pyrene	ng/g	0.080	0.069	0.50	6024017	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	<0.078	0.078	0.50	6024017	N/A	N/A	N/A
Chrysene	ng/g	<0.076	0.076	0.50	6024017	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.22	0.22	0.50	6024017	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.37	0.37	0.50	6024017	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.51	0.51	0.50	6024017	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.64	0.64	0.50	6024017	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.40	0.40	0.50	6024017	N/A	N/A	N/A
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	90	N/A	N/A	6024017	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	44 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	98	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	114	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	44 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	122	N/A	N/A	6024017	N/A	N/A	N/A
Chrysene-2H12	%	46 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	48 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Fluoranthene-2H10	%	104	N/A	N/A	6024017	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	37 (1)	N/A	N/A	6024017	N/A	N/A	N/A
Naphthalene-2H8	%	77 (2)	N/A	N/A	6024017	N/A	N/A	N/A
Perylene-2H12	%	88	N/A	N/A	6024017	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=77%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ583				IUZ584	IUZ585	
Sampling Date								
	UNITS	KILD-C36 HEPATO	EDL	RDL	QC Batch	KILD-C37 HEPATO	KILD-C38 HEPATO	QC Batch
Phenanthrene-2H10	%	114	N/A	N/A	6024017	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ586		IUZ587				IUZ588	
Sampling Date									
	UNITS	KILD-C39 HEPATO	QC Batch	KILD-C40 HEPATO	EDL	RDL	QC Batch	KILD-C41 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	7.8	6024319	1.5	N/A	N/A	6042366	1.8	6024319
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	<0.081	0.081	0.96	6045784	N/A	N/A
Naphthalene	ng/g	N/A	N/A	1.15	0.14	0.48	6045784	N/A	N/A
Acenaphthylene	ng/g	N/A	N/A	<0.36	0.36	0.48	6045784	N/A	N/A
Acenaphthene	ng/g	N/A	N/A	0.140	0.036	0.48	6045784	N/A	N/A
Fluorene	ng/g	N/A	N/A	0.174	0.055	0.48	6045784	N/A	N/A
Phenanthrene	ng/g	N/A	N/A	0.298	0.041	0.48	6045784	N/A	N/A
Anthracene	ng/g	N/A	N/A	0.330	0.045	0.48	6045784	N/A	N/A
Fluoranthene	ng/g	N/A	N/A	0.078	0.020	0.48	6045784	N/A	N/A
Pyrene	ng/g	N/A	N/A	0.077	0.020	0.48	6045784	N/A	N/A
Benzo(a)anthracene	ng/g	N/A	N/A	<0.037	0.037	0.48	6045784	N/A	N/A
Chrysene	ng/g	N/A	N/A	<0.039	0.039	0.48	6045784	N/A	N/A
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.082	0.082	0.48	6045784	N/A	N/A
Benzo(a)pyrene	ng/g	N/A	N/A	<0.11	0.11	0.48	6045784	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.098	0.098	0.48	6045784	N/A	N/A
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.087	0.087	0.48	6045784	N/A	N/A
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.082	0.082	0.48	6045784	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	94	N/A	N/A	6045784	N/A	N/A
Benz(a)anthracene-2H12	%	N/A	N/A	44 (1)	N/A	N/A	6045784	N/A	N/A
Benzo(a)pyrene-2H12	%	N/A	N/A	98	N/A	N/A	6045784	N/A	N/A
Benzo(b)fluoranthene-2H12	%	N/A	N/A	90	N/A	N/A	6045784	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	70	N/A	N/A	6045784	N/A	N/A
Benzo(k)fluoranthene-2H12	%	N/A	N/A	116	N/A	N/A	6045784	N/A	N/A
Chrysene-2H12	%	N/A	N/A	42 (1)	N/A	N/A	6045784	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	69	N/A	N/A	6045784	N/A	N/A
Fluoranthene-2H10	%	N/A	N/A	102	N/A	N/A	6045784	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	59	N/A	N/A	6045784	N/A	N/A
Naphthalene-2H8	%	N/A	N/A	94	N/A	N/A	6045784	N/A	N/A
Perylene-2H12	%	N/A	N/A	88	N/A	N/A	6045784	N/A	N/A
Phenanthrene-2H10	%	N/A	N/A	100	N/A	N/A	6045784	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ589	IUZ590		IUZ591	IUZ592	
Sampling Date							
	UNITS	KILD-C42 HEPATO	KILD-C43 HEPATO	QC Batch	KILD-C44 HEPATO	KILD-C45 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	2.0	11	6024319	4.2	10	6005467

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ593	IUZ594		IUZ595			
Sampling Date								
	UNITS	KILD-C46 HEPATO	KILD-C47 HEPATO	QC Batch	KILD-C48 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	6.1	2.3	6005467	6.1	N/A	N/A	6023680
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	<0.12	0.12	0.98	6024017
Naphthalene	ng/g	N/A	N/A	N/A	1.24	0.10	0.49	6024017
Acenaphthylene	ng/g	N/A	N/A	N/A	0.050	0.026	0.49	6024017
Acenaphthene	ng/g	N/A	N/A	N/A	0.192	0.047	0.49	6024017
Fluorene	ng/g	N/A	N/A	N/A	0.201	0.064	0.49	6024017
Phenanthrene	ng/g	N/A	N/A	N/A	0.332	0.046	0.49	6024017
Anthracene	ng/g	N/A	N/A	N/A	4.64	0.051	0.49	6024017
Fluoranthene	ng/g	N/A	N/A	N/A	0.084	0.054	0.49	6024017
Pyrene	ng/g	N/A	N/A	N/A	0.067	0.053	0.49	6024017
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	<0.065	0.065	0.49	6024017
Chrysene	ng/g	N/A	N/A	N/A	<0.070	0.070	0.49	6024017
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	<0.14	0.14	0.49	6024017
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	<0.28	0.28	0.49	6024017
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	<0.52	0.52	0.49	6024017
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.44	0.44	0.49	6024017
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	<0.41	0.41	0.49	6024017
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	104	N/A	N/A	6024017
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	47 (1)	N/A	N/A	6024017
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	86	N/A	N/A	6024017
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	128	N/A	N/A	6024017
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	46 (1)	N/A	N/A	6024017
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	152 (1)	N/A	N/A	6024017
Chrysene-2H12	%	N/A	N/A	N/A	46 (1)	N/A	N/A	6024017
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	46 (1)	N/A	N/A	6024017
Fluoranthene-2H10	%	N/A	N/A	N/A	111	N/A	N/A	6024017
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	47 (1)	N/A	N/A	6024017
Naphthalene-2H8	%	N/A	N/A	N/A	84 (2)	N/A	N/A	6024017
Perylene-2H12	%	N/A	N/A	N/A	98	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=84%

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ593	IUZ594		IUZ595			
Sampling Date								
	UNITS	KILD-C46 HEPATO	KILD-C47 HEPATO	QC Batch	KILD-C48 HEPATO	EDL	RDL	QC Batch
Phenanthrene-2H10	%	N/A	N/A	N/A	141	N/A	N/A	6024017

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ596		IUZ597				IUZ598	
Sampling Date									
	UNITS	KILD-C49 HEPATO	EDL	KILD C50 HEPATO	EDL	RDL	QC Batch	KILD-C51 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.9	N/A	2.0	N/A	N/A	6023680	3.0	6024319
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.19	0.19	<0.15	0.15	0.98	6024017	N/A	N/A
Naphthalene	ng/g	1.21	0.071	0.744	0.059	0.49	6024017	N/A	N/A
Acenaphthylene	ng/g	0.048	0.028	<0.047	0.047	0.49	6024017	N/A	N/A
Acenaphthene	ng/g	0.104	0.057	<0.066	0.066	0.49	6024017	N/A	N/A
Fluorene	ng/g	0.200	0.044	0.134	0.064	0.49	6024017	N/A	N/A
Phenanthrene	ng/g	0.285	0.086	0.225	0.055	0.49	6024017	N/A	N/A
Anthracene	ng/g	1.91	0.096	1.05	0.062	0.49	6024017	N/A	N/A
Fluoranthene	ng/g	0.060	0.042	0.075	0.034	0.49	6024017	N/A	N/A
Pyrene	ng/g	0.053	0.042	0.053	0.033	0.49	6024017	N/A	N/A
Benzo(a)anthracene	ng/g	<0.080	0.080	<0.080	0.080	0.49	6024017	N/A	N/A
Chrysene	ng/g	<0.086	0.086	<0.078	0.078	0.49	6024017	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.22	0.22	<0.18	0.18	0.49	6024017	N/A	N/A
Benzo(a)pyrene	ng/g	<0.33	0.33	<0.23	0.23	0.49	6024017	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.79	0.79	<0.45	0.45	0.49	6024017	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.48	0.48	<0.50	0.50	0.49	6024017	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.56	0.56	<0.36	0.36	0.49	6024017	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	78	N/A	90	N/A	N/A	6024017	N/A	N/A
Benz(a)anthracene-2H12	%	33 (1)	N/A	34 (1)	N/A	N/A	6024017	N/A	N/A
Benzo(a)pyrene-2H12	%	91	N/A	98	N/A	N/A	6024017	N/A	N/A
Benzo(b)fluoranthene-2H12	%	107	N/A	104	N/A	N/A	6024017	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	43 (1)	N/A	67	N/A	N/A	6024017	N/A	N/A
Benzo(k)fluoranthene-2H12	%	106	N/A	111	N/A	N/A	6024017	N/A	N/A
Chrysene-2H12	%	33 (1)	N/A	37 (1)	N/A	N/A	6024017	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	40 (1)	N/A	64	N/A	N/A	6024017	N/A	N/A
Fluoranthene-2H10	%	101	N/A	104	N/A	N/A	6024017	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	33 (1)	N/A	56	N/A	N/A	6024017	N/A	N/A
Naphthalene-2H8	%	73 (2)	N/A	81 (3)	N/A	N/A	6024017	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) 13c=73%
(3) 13c=81%

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ596		IUZ597				IUZ598	
Sampling Date									
	UNITS	KILD-C49 HEPATO	EDL	KILD C50 HEPATO	EDL	RDL	QC Batch	KILD-C51 HEPATO	QC Batch
Perylene-2H12	%	87	N/A	81	N/A	N/A	6024017	N/A	N/A
Phenanthrene-2H10	%	106	N/A	136	N/A	N/A	6024017	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ599		IUZ600		IUZ601	
Sampling Date							
	UNITS	KILD-C52 HEPATO	QC Batch	KILD-C53 HEPATO	QC Batch	KILD-C54 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	2.0	6005467	5.5	6024319	6.9	6005467

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ602		IUZ603				IUZ604	
Sampling Date									
	UNITS	KVS-C01 HEPATO	QC Batch	KVS-C02 HEPATO	EDL	RDL	QC Batch	KVS-C03 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	11	6093543	2.9	N/A	N/A	6096442	7.4	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	0.112	0.042	5.0	6104533	N/A	N/A
Naphthalene	ng/g	N/A	N/A	0.91	0.21	0.50	6104533	N/A	N/A
Acenaphthylene	ng/g	N/A	N/A	<0.065	0.065	1.0	6104533	N/A	N/A
Acenaphthene	ng/g	N/A	N/A	0.218	0.094	0.50	6104533	N/A	N/A
Fluorene	ng/g	N/A	N/A	0.081	0.073	0.50	6104533	N/A	N/A
Phenanthrene	ng/g	N/A	N/A	0.152	0.088	0.50	6104533	N/A	N/A
Anthracene	ng/g	N/A	N/A	0.413	0.093	0.50	6104533	N/A	N/A
Fluoranthene	ng/g	N/A	N/A	0.120	0.045	0.50	6104533	N/A	N/A
Pyrene	ng/g	N/A	N/A	0.132	0.043	0.50	6104533	N/A	N/A
Benzo(a)anthracene	ng/g	N/A	N/A	0.082	0.040	0.50	6104533	N/A	N/A
Chrysene	ng/g	N/A	N/A	0.090	0.042	0.50	6104533	N/A	N/A
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.037	0.037	0.50	6104533	N/A	N/A
Benzo(a)pyrene	ng/g	N/A	N/A	<0.063	0.063	0.50	6104533	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.042	0.042	0.50	6104533	N/A	N/A
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.046	0.046	0.50	6104533	N/A	N/A
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.052	0.052	0.50	6104533	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	127	N/A	N/A	6104533	N/A	N/A
Benz(a)anthracene-2H12	%	N/A	N/A	146	N/A	N/A	6104533	N/A	N/A
Benzo(a)pyrene-2H12	%	N/A	N/A	103	N/A	N/A	6104533	N/A	N/A
Benzo(b)fluoranthene-2H12	%	N/A	N/A	122	N/A	N/A	6104533	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	107	N/A	N/A	6104533	N/A	N/A
Benzo(k)fluoranthene-2H12	%	N/A	N/A	140	N/A	N/A	6104533	N/A	N/A
Chrysene-2H12	%	N/A	N/A	137	N/A	N/A	6104533	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	124	N/A	N/A	6104533	N/A	N/A
Fluoranthene-2H10	%	N/A	N/A	122	N/A	N/A	6104533	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	114	N/A	N/A	6104533	N/A	N/A
Naphthalene-2H8	%	N/A	N/A	98 (1)	N/A	N/A	6104533	N/A	N/A
Perylene-2H12	%	N/A	N/A	132	N/A	N/A	6104533	N/A	N/A
Phenanthrene-2H10	%	N/A	N/A	123	N/A	N/A	6104533	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ605		IUZ606		IUZ607			
Sampling Date									
	UNITS	KVS-C04 HEPATO	QC Batch	KVS-C05 HEPATO	EDL	KVS-C06 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.20	6090477	1.7	N/A	6.2	N/A	N/A	6096442
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	0.075	0.041	0.138	0.045	5.0	6104533
Naphthalene	ng/g	N/A	N/A	0.622	0.095	0.94	0.10	0.50	6104533
Acenaphthylene	ng/g	N/A	N/A	<0.066	0.066	0.820	0.056	1.0	6104533
Acenaphthene	ng/g	N/A	N/A	0.112	0.082	0.277	0.092	0.50	6104533
Fluorene	ng/g	N/A	N/A	0.075	0.064	0.127	0.090	0.50	6104533
Phenanthrene	ng/g	N/A	N/A	0.168	0.054	0.57	0.12	0.50	6104533
Anthracene	ng/g	N/A	N/A	0.388	0.057	9.91	0.13	0.50	6104533
Fluoranthene	ng/g	N/A	N/A	0.069	0.043	0.211	0.066	0.50	6104533
Pyrene	ng/g	N/A	N/A	0.048	0.041	0.126	0.063	0.50	6104533
Benzo(a)anthracene	ng/g	N/A	N/A	0.049	0.036	0.494	0.058	0.50	6104533
Chrysene	ng/g	N/A	N/A	0.076	0.037	0.233	0.061	0.50	6104533
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.036	0.036	<0.039	0.039	0.50	6104533
Benzo(a)pyrene	ng/g	N/A	N/A	<0.064	0.064	<0.064	0.064	0.50	6104533
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.043	0.043	<0.039	0.039	0.50	6104533
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.028	0.028	<0.066	0.066	0.50	6104533
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.052	0.052	<0.046	0.046	0.50	6104533
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	118	N/A	107	N/A	N/A	6104533
Benz(a)anthracene-2H12	%	N/A	N/A	120	N/A	134	N/A	N/A	6104533
Benzo(a)pyrene-2H12	%	N/A	N/A	100	N/A	108	N/A	N/A	6104533
Benzo(b)fluoranthene-2H12	%	N/A	N/A	119	N/A	120	N/A	N/A	6104533
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	101	N/A	111	N/A	N/A	6104533
Benzo(k)fluoranthene-2H12	%	N/A	N/A	131	N/A	147	N/A	N/A	6104533
Chrysene-2H12	%	N/A	N/A	116	N/A	120	N/A	N/A	6104533
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	112	N/A	129	N/A	N/A	6104533
Fluoranthene-2H10	%	N/A	N/A	109	N/A	114	N/A	N/A	6104533
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	108	N/A	110	N/A	N/A	6104533
Naphthalene-2H8	%	N/A	N/A	100 (1)	N/A	92 (1)	N/A	N/A	6104533
Perylene-2H12	%	N/A	N/A	126	N/A	132	N/A	N/A	6104533
Phenanthrene-2H10	%	N/A	N/A	97	N/A	117	N/A	N/A	6104533

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ608				IUZ609	
Sampling Date							
	UNITS	KVS-C07 HEPATO	EDL	RDL	QC Batch	KVS-C08 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.70	N/A	N/A	6096442	0.50	6090477
Polyaromatic Hydrocarbons							
Benzo(b/j)fluoranthene	ng/g	0.085	0.054	5.0	6104533	N/A	N/A
Naphthalene	ng/g	0.39	0.27	0.50	6104533	N/A	N/A
Acenaphthylene	ng/g	<0.049	0.049	0.99	6104533	N/A	N/A
Acenaphthene	ng/g	<0.074	0.074	0.50	6104533	N/A	N/A
Fluorene	ng/g	0.095	0.040	0.50	6104533	N/A	N/A
Phenanthrene	ng/g	0.147	0.072	0.50	6104533	N/A	N/A
Anthracene	ng/g	0.740	0.076	0.50	6104533	N/A	N/A
Fluoranthene	ng/g	0.094	0.066	0.50	6104533	N/A	N/A
Pyrene	ng/g	0.106	0.063	0.50	6104533	N/A	N/A
Benzo(a)anthracene	ng/g	0.049	0.041	0.50	6104533	N/A	N/A
Chrysene	ng/g	0.079	0.042	0.50	6104533	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.048	0.048	0.50	6104533	N/A	N/A
Benzo(a)pyrene	ng/g	<0.10	0.10	0.50	6104533	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.047	0.047	0.50	6104533	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.050	0.050	0.50	6104533	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.054	0.054	0.50	6104533	N/A	N/A
Surrogate Recovery (%)							
Acenaphthylene-2H8	%	152 (1)	N/A	N/A	6104533	N/A	N/A
Benz(a)anthracene-2H12	%	153 (1)	N/A	N/A	6104533	N/A	N/A
Benzo(a)pyrene-2H12	%	110	N/A	N/A	6104533	N/A	N/A
Benzo(b)fluoranthene-2H12	%	152 (1)	N/A	N/A	6104533	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	106	N/A	N/A	6104533	N/A	N/A
Benzo(k)fluoranthene-2H12	%	176 (2)	N/A	N/A	6104533	N/A	N/A
Chrysene-2H12	%	149	N/A	N/A	6104533	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	123	N/A	N/A	6104533	N/A	N/A
Fluoranthene-2H10	%	132	N/A	N/A	6104533	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	109	N/A	N/A	6104533	N/A	N/A
Naphthalene-2H8	%	122 (3)	N/A	N/A	6104533	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard recovery meets method limits.
(2) Internal standard recovery is outside method limits.
(3) 13c used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ608				IUZ609	
Sampling Date							
	UNITS	KVS-C07 HEPATO	EDL	RDL	QC Batch	KVS-C08 HEPATO	QC Batch
Perylene-2H12	%	136	N/A	N/A	6104533	N/A	N/A
Phenanthrene-2H10	%	141	N/A	N/A	6104533	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ610		IUZ611				IUZ612	
Sampling Date									
	UNITS	KVS-C09 HEPATO	EDL	KVS-C10 HEPATO	EDL	RDL	QC Batch	KVS-C17 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	6.2	N/A	4.1	N/A	N/A	6135962	2.0	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.25	0.25	<0.22	0.22	1.0	6127502	N/A	N/A
Naphthalene	ng/g	1.08	0.43	0.63	0.27	0.50	6127502	N/A	N/A
Acenaphthylene	ng/g	0.37	0.12	0.34	0.26	0.50	6127502	N/A	N/A
Acenaphthene	ng/g	1.77	0.083	1.50	0.28	0.50	6127502	N/A	N/A
Fluorene	ng/g	0.43	0.21	<0.23	0.23	0.50	6127502	N/A	N/A
Phenanthrene	ng/g	0.550	0.091	<0.44	0.44	0.50	6127502	N/A	N/A
Anthracene	ng/g	1.64	0.099	3.79	0.48	0.50	6127502	N/A	N/A
Fluoranthene	ng/g	0.14	0.11	<0.24	0.24	0.50	6127502	N/A	N/A
Pyrene	ng/g	0.18	0.11	<0.24	0.24	0.50	6127502	N/A	N/A
Benzo(a)anthracene	ng/g	<0.18	0.18	<0.25	0.25	0.50	6127502	N/A	N/A
Chrysene	ng/g	<0.19	0.19	<0.25	0.25	0.50	6127502	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.20	0.20	<0.21	0.21	0.50	6127502	N/A	N/A
Benzo(a)pyrene	ng/g	<0.33	0.33	<0.29	0.29	0.50	6127502	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.25	0.25	<0.30	0.30	0.50	6127502	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.23	0.23	<0.17	0.17	0.50	6127502	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.26	0.26	<0.28	0.28	0.50	6127502	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	81	N/A	76	N/A	N/A	6127502	N/A	N/A
Benz(a)anthracene-2H12	%	78	N/A	72	N/A	N/A	6127502	N/A	N/A
Benzo(a)pyrene-2H12	%	68	N/A	69	N/A	N/A	6127502	N/A	N/A
Benzo(b)fluoranthene-2H12	%	61	N/A	66	N/A	N/A	6127502	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	50	N/A	66	N/A	N/A	6127502	N/A	N/A
Benzo(k)fluoranthene-2H12	%	68	N/A	66	N/A	N/A	6127502	N/A	N/A
Chrysene-2H12	%	65	N/A	72	N/A	N/A	6127502	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	55	N/A	58	N/A	N/A	6127502	N/A	N/A
Fluoranthene-2H10	%	84	N/A	83	N/A	N/A	6127502	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	54	N/A	57	N/A	N/A	6127502	N/A	N/A
Naphthalene-2H8	%	82 (1)	N/A	77 (1)	N/A	N/A	6127502	N/A	N/A
Perylene-2H12	%	70	N/A	67	N/A	N/A	6127502	N/A	N/A
Phenanthrene-2H10	%	69	N/A	86	N/A	N/A	6127502	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ613		IUZ614				IUZ615	
Sampling Date									
	UNITS	KVS-C12 HEPATO	QC Batch	KVS-C13 HEPATO	EDL	RDL	QC Batch	KVS-C14 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.30	6093543	5.5	N/A	N/A	6135962	5.4	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	<0.20	0.20	1.0	6127502	N/A	N/A
Naphthalene	ng/g	N/A	N/A	0.79	0.18	0.50	6127502	N/A	N/A
Acenaphthylene	ng/g	N/A	N/A	1.83	0.098	0.50	6127502	N/A	N/A
Acenaphthene	ng/g	N/A	N/A	20.8	0.18	0.50	6127502	N/A	N/A
Fluorene	ng/g	N/A	N/A	0.13	0.11	0.50	6127502	N/A	N/A
Phenanthrene	ng/g	N/A	N/A	0.35	0.18	0.50	6127502	N/A	N/A
Anthracene	ng/g	N/A	N/A	1.41	0.20	0.50	6127502	N/A	N/A
Fluoranthene	ng/g	N/A	N/A	0.14	0.11	0.50	6127502	N/A	N/A
Pyrene	ng/g	N/A	N/A	<0.11	0.11	0.50	6127502	N/A	N/A
Benzo(a)anthracene	ng/g	N/A	N/A	0.167	0.071	0.50	6127502	N/A	N/A
Chrysene	ng/g	N/A	N/A	0.190	0.073	0.50	6127502	N/A	N/A
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.19	0.19	0.50	6127502	N/A	N/A
Benzo(a)pyrene	ng/g	N/A	N/A	<0.28	0.28	0.50	6127502	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.11	0.11	0.50	6127502	N/A	N/A
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.14	0.14	0.50	6127502	N/A	N/A
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.11	0.11	0.50	6127502	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	77	N/A	N/A	6127502	N/A	N/A
Benz(a)anthracene-2H12	%	N/A	N/A	78	N/A	N/A	6127502	N/A	N/A
Benzo(a)pyrene-2H12	%	N/A	N/A	68	N/A	N/A	6127502	N/A	N/A
Benzo(b)fluoranthene-2H12	%	N/A	N/A	70	N/A	N/A	6127502	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	59	N/A	N/A	6127502	N/A	N/A
Benzo(k)fluoranthene-2H12	%	N/A	N/A	73	N/A	N/A	6127502	N/A	N/A
Chrysene-2H12	%	N/A	N/A	80	N/A	N/A	6127502	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	52	N/A	N/A	6127502	N/A	N/A
Fluoranthene-2H10	%	N/A	N/A	85	N/A	N/A	6127502	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	53	N/A	N/A	6127502	N/A	N/A
Naphthalene-2H8	%	N/A	N/A	86 (1)	N/A	N/A	6127502	N/A	N/A
Perylene-2H12	%	N/A	N/A	63	N/A	N/A	6127502	N/A	N/A
Phenanthrene-2H10	%	N/A	N/A	73	N/A	N/A	6127502	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ616		IUZ617				IUZ618	
Sampling Date									
	UNITS	KVS-C15 HEPATO	EDL	KVS-C16 HEPATO	EDL	RDL	QC Batch	KVS-C11 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	2.8	N/A	11	N/A	N/A	6135962	5.0	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.16	0.16	<0.27	0.27	1.0	6127502	N/A	N/A
Naphthalene	ng/g	0.32	0.24	0.97	0.32	0.50	6127502	N/A	N/A
Acenaphthylene	ng/g	<0.19	0.19	2.14	0.092	0.50	6127502	N/A	N/A
Acenaphthene	ng/g	0.37	0.28	8.07	0.20	0.50	6127502	N/A	N/A
Fluorene	ng/g	<0.14	0.14	<0.53	0.53	0.50	6127502	N/A	N/A
Phenanthrene	ng/g	<0.26	0.26	0.50	0.24	0.50	6127502	N/A	N/A
Anthracene	ng/g	2.12	0.28	6.73	0.26	0.50	6127502	N/A	N/A
Fluoranthene	ng/g	<0.17	0.17	<0.44	0.44	0.50	6127502	N/A	N/A
Pyrene	ng/g	<0.17	0.17	<0.43	0.43	0.50	6127502	N/A	N/A
Benzo(a)anthracene	ng/g	<0.12	0.12	0.41	0.14	0.50	6127502	N/A	N/A
Chrysene	ng/g	<0.11	0.11	0.55	0.15	0.50	6127502	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.16	0.16	<0.27	0.27	0.50	6127502	N/A	N/A
Benzo(a)pyrene	ng/g	<0.23	0.23	<0.35	0.35	0.50	6127502	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.19	0.19	<0.16	0.16	0.50	6127502	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.17	0.17	<0.18	0.18	0.50	6127502	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.17	0.17	<0.18	0.18	0.50	6127502	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	86	N/A	71	N/A	N/A	6127502	N/A	N/A
Benz(a)anthracene-2H12	%	77	N/A	73	N/A	N/A	6127502	N/A	N/A
Benzo(a)pyrene-2H12	%	65	N/A	68	N/A	N/A	6127502	N/A	N/A
Benzo(b)fluoranthene-2H12	%	77	N/A	69	N/A	N/A	6127502	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	62	N/A	57	N/A	N/A	6127502	N/A	N/A
Benzo(k)fluoranthene-2H12	%	70	N/A	60	N/A	N/A	6127502	N/A	N/A
Chrysene-2H12	%	81	N/A	71	N/A	N/A	6127502	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	67	N/A	56	N/A	N/A	6127502	N/A	N/A
Fluoranthene-2H10	%	90	N/A	76	N/A	N/A	6127502	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	57	N/A	52	N/A	N/A	6127502	N/A	N/A
Naphthalene-2H8	%	96 (1)	N/A	87 (1)	N/A	N/A	6127502	N/A	N/A
Perylene-2H12	%	73	N/A	75	N/A	N/A	6127502	N/A	N/A
Phenanthrene-2H10	%	89	N/A	71	N/A	N/A	6127502	N/A	N/A

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ619		IUZ620		IUZ621			
Sampling Date									
	UNITS	KVS-C18 HEPATO	QC Batch	KVS-C19 HEPATO	QC Batch	KVS-C20 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.80	6110831	7.2	6112662	0.70	N/A	N/A	6135962
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.18	0.18	1.0	6127502
Naphthalene	ng/g	N/A	N/A	N/A	N/A	<0.43	0.43	0.50	6127502
Acenaphthylene	ng/g	N/A	N/A	N/A	N/A	<0.22	0.22	0.50	6127502
Acenaphthene	ng/g	N/A	N/A	N/A	N/A	<0.22	0.22	0.50	6127502
Fluorene	ng/g	N/A	N/A	N/A	N/A	<0.18	0.18	0.50	6127502
Phenanthrene	ng/g	N/A	N/A	N/A	N/A	<0.22	0.22	0.50	6127502
Anthracene	ng/g	N/A	N/A	N/A	N/A	<0.24	0.24	0.50	6127502
Fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.23	0.23	0.50	6127502
Pyrene	ng/g	N/A	N/A	N/A	N/A	<0.23	0.23	0.50	6127502
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	N/A	<0.16	0.16	0.50	6127502
Chrysene	ng/g	N/A	N/A	N/A	N/A	<0.16	0.16	0.50	6127502
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	N/A	<0.15	0.15	0.50	6127502
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.23	0.23	0.50	6127502
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	N/A	<0.18	0.18	0.50	6127502
Dibenz(a,h)anthracene	ng/g	N/A	N/A	N/A	N/A	<0.24	0.24	0.50	6127502
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	N/A	<0.20	0.20	0.50	6127502
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	N/A	N/A	77	N/A	N/A	6127502
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	N/A	70	N/A	N/A	6127502
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	N/A	72	N/A	N/A	6127502
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	67	N/A	N/A	6127502
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	N/A	63	N/A	N/A	6127502
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	N/A	80	N/A	N/A	6127502
Chrysene-2H12	%	N/A	N/A	N/A	N/A	77	N/A	N/A	6127502
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	N/A	58	N/A	N/A	6127502
Fluoranthene-2H10	%	N/A	N/A	N/A	N/A	79	N/A	N/A	6127502
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	N/A	58	N/A	N/A	6127502
Naphthalene-2H8	%	N/A	N/A	N/A	N/A	80 (1)	N/A	N/A	6127502
Perylene-2H12	%	N/A	N/A	N/A	N/A	74	N/A	N/A	6127502
Phenanthrene-2H10	%	N/A	N/A	N/A	N/A	86	N/A	N/A	6127502

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ622		IUZ623				IUZ624	
Sampling Date									
	UNITS	KVS-C21 HEPATO	QC Batch	KVS-C22 HEPATO	EDL	RDL	QC Batch	KVS-C23 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	3.3	6090477	2.1	N/A	N/A	6135962	2.5	6090477
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	<0.14	0.14	1.0	6127502	N/A	N/A
Naphthalene	ng/g	N/A	N/A	0.55	0.21	0.50	6127502	N/A	N/A
Acenaphthylene	ng/g	N/A	N/A	0.19	0.16	0.50	6127502	N/A	N/A
Acenaphthene	ng/g	N/A	N/A	3.54	0.22	0.50	6127502	N/A	N/A
Fluorene	ng/g	N/A	N/A	1.25	0.11	0.50	6127502	N/A	N/A
Phenanthrene	ng/g	N/A	N/A	0.42	0.14	0.50	6127502	N/A	N/A
Anthracene	ng/g	N/A	N/A	0.26	0.15	0.50	6127502	N/A	N/A
Fluoranthene	ng/g	N/A	N/A	0.19	0.11	0.50	6127502	N/A	N/A
Pyrene	ng/g	N/A	N/A	0.14	0.11	0.50	6127502	N/A	N/A
Benzo(a)anthracene	ng/g	N/A	N/A	<0.15	0.15	0.50	6127502	N/A	N/A
Chrysene	ng/g	N/A	N/A	<0.14	0.14	0.50	6127502	N/A	N/A
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.16	0.16	0.50	6127502	N/A	N/A
Benzo(a)pyrene	ng/g	N/A	N/A	<0.22	0.22	0.50	6127502	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.13	0.13	0.50	6127502	N/A	N/A
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.14	0.14	0.50	6127502	N/A	N/A
Benzo(g,h,i)perylene	ng/g	N/A	N/A	<0.12	0.12	0.50	6127502	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	N/A	N/A	58	N/A	N/A	6127502	N/A	N/A
Benz(a)anthracene-2H12	%	N/A	N/A	60	N/A	N/A	6127502	N/A	N/A
Benzo(a)pyrene-2H12	%	N/A	N/A	61	N/A	N/A	6127502	N/A	N/A
Benzo(b)fluoranthene-2H12	%	N/A	N/A	65	N/A	N/A	6127502	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	51	N/A	N/A	6127502	N/A	N/A
Benzo(k)fluoranthene-2H12	%	N/A	N/A	58	N/A	N/A	6127502	N/A	N/A
Chrysene-2H12	%	N/A	N/A	72	N/A	N/A	6127502	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	48 (1)	N/A	N/A	6127502	N/A	N/A
Fluoranthene-2H10	%	N/A	N/A	79	N/A	N/A	6127502	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	48 (1)	N/A	N/A	6127502	N/A	N/A
Naphthalene-2H8	%	N/A	N/A	79 (2)	N/A	N/A	6127502	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ622		IUZ623				IUZ624	
Sampling Date									
	UNITS	KVS-C21 HEPATO	QC Batch	KVS-C22 HEPATO	EDL	RDL	QC Batch	KVS-C23 HEPATO	QC Batch
Perylene-2H12	%	N/A	N/A	60	N/A	N/A	6127502	N/A	N/A
Phenanthrene-2H10	%	N/A	N/A	77	N/A	N/A	6127502	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ625				IUZ626		IUZ627			
Sampling Date											
	UNITS	KVS-C24 HEPATO	EDL	RDL	QC Batch	KVS-C25 HEPATO	QC Batch	KVS-C26 HEPATO	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	1.2	N/A	N/A	6135962	8.0	6090477	0.80	N/A	N/A	6135962
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.14	0.14	1.0	6127502	N/A	N/A	<0.14	0.14	1.0	6127502
Naphthalene	ng/g	0.83	0.35	0.50	6127502	N/A	N/A	0.67	0.29	0.50	6127502
Acenaphthylene	ng/g	<0.19	0.19	0.50	6127502	N/A	N/A	<0.14	0.14	0.50	6127502
Acenaphthene	ng/g	<0.18	0.18	0.50	6127502	N/A	N/A	0.32	0.16	0.50	6127502
Fluorene	ng/g	0.14	0.10	0.50	6127502	N/A	N/A	<0.26	0.26	0.50	6127502
Phenanthrene	ng/g	0.233	0.098	0.50	6127502	N/A	N/A	0.34	0.23	0.50	6127502
Anthracene	ng/g	0.22	0.11	0.50	6127502	N/A	N/A	<0.25	0.25	0.50	6127502
Fluoranthene	ng/g	0.083	0.080	0.50	6127502	N/A	N/A	<0.17	0.17	0.50	6127502
Pyrene	ng/g	0.135	0.078	0.50	6127502	N/A	N/A	<0.16	0.16	0.50	6127502
Benzo(a)anthracene	ng/g	<0.11	0.11	0.50	6127502	N/A	N/A	<0.12	0.12	0.50	6127502
Chrysene	ng/g	<0.11	0.11	0.50	6127502	N/A	N/A	<0.12	0.12	0.50	6127502
Benzo(k)fluoranthene	ng/g	<0.12	0.12	0.50	6127502	N/A	N/A	<0.12	0.12	0.50	6127502
Benzo(a)pyrene	ng/g	<0.17	0.17	0.50	6127502	N/A	N/A	<0.16	0.16	0.50	6127502
Indeno(1,2,3-cd)pyrene	ng/g	<0.081	0.081	0.50	6127502	N/A	N/A	<0.17	0.17	0.50	6127502
Dibenz(a,h)anthracene	ng/g	<0.19	0.19	0.50	6127502	N/A	N/A	<0.20	0.20	0.50	6127502
Benzo(g,h,i)perylene	ng/g	<0.088	0.088	0.50	6127502	N/A	N/A	<0.15	0.15	0.50	6127502
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	64	N/A	N/A	6127502	N/A	N/A	75	N/A	N/A	6127502
Benz(a)anthracene-2H12	%	67	N/A	N/A	6127502	N/A	N/A	70	N/A	N/A	6127502
Benzo(a)pyrene-2H12	%	75	N/A	N/A	6127502	N/A	N/A	83	N/A	N/A	6127502
Benzo(b)fluoranthene-2H12	%	61	N/A	N/A	6127502	N/A	N/A	69	N/A	N/A	6127502
Benzo(g,h,i)perylene-2H12	%	56	N/A	N/A	6127502	N/A	N/A	69	N/A	N/A	6127502
Benzo(k)fluoranthene-2H12	%	70	N/A	N/A	6127502	N/A	N/A	76	N/A	N/A	6127502
Chrysene-2H12	%	71	N/A	N/A	6127502	N/A	N/A	87	N/A	N/A	6127502
Dibenzo(a,h)anthracene-2H14	%	53	N/A	N/A	6127502	N/A	N/A	53	N/A	N/A	6127502
Fluoranthene-2H10	%	76	N/A	N/A	6127502	N/A	N/A	75	N/A	N/A	6127502
Indeno(1,2,3-c,d)pyrene-2H12	%	51	N/A	N/A	6127502	N/A	N/A	58	N/A	N/A	6127502
Naphthalene-2H8	%	72 (1)	N/A	N/A	6127502	N/A	N/A	74 (1)	N/A	N/A	6127502
Perylene-2H12	%	71	N/A	N/A	6127502	N/A	N/A	73	N/A	N/A	6127502
Phenanthrene-2H10	%	70	N/A	N/A	6127502	N/A	N/A	65	N/A	N/A	6127502

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ628		IUZ629		IUZ630	
Sampling Date							
	UNITS	KVS-C27 HEPATO	QC Batch	KVS-C28 HEPATO	QC Batch	KVS-C29 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.1	6090477	8.1	6112662	13	6093914
QC Batch = Quality Control Batch							

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ631				IUZ632		IUZ633	
Sampling Date									
	UNITS	KVS-C30 HEPATO	EDL	RDL	QC Batch	KVS-C31 HEPATO	QC Batch	KVS-C32 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.6	N/A	N/A	6135962	7.2	6093914	2.7	6112662
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.12	0.12	1.0	6127502	N/A	N/A	N/A	N/A
Naphthalene	ng/g	0.66	0.22	0.50	6127502	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	0	N/A	0.50	6127502	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	<0.20	0.20	0.50	6127502	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.236	0.072	0.50	6127502	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	0.26	0.14	0.50	6127502	N/A	N/A	N/A	N/A
Anthracene	ng/g	0.50	0.15	0.50	6127502	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	<0.14	0.14	0.50	6127502	N/A	N/A	N/A	N/A
Pyrene	ng/g	<0.13	0.13	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	<0.074	0.074	0.50	6127502	N/A	N/A	N/A	N/A
Chrysene	ng/g	<0.092	0.092	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.12	0.12	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.18	0.18	0.50	6127502	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.11	0.11	0.50	6127502	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	<0.12	0.12	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.12	0.12	0.50	6127502	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	82	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	80	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	67	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	76	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	57	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	70	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Chrysene-2H12	%	70	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	52	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	76	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	59	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	77 (1)	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Perylene-2H12	%	71	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Phenanthrene-2H10	%	55	N/A	N/A	6127502	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ634				IUZ635		IUZ636	
Sampling Date									
	UNITS	KVS-C33 HEPATO	EDL	RDL	QC Batch	KVS-C34 HEPATO	QC Batch	KVS-C35 HEPATO	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.0	N/A	N/A	6135962	12	6112662	3.8	6093914
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.164	0.057	1.0	6127502	N/A	N/A	N/A	N/A
Naphthalene	ng/g	0.52	0.13	0.50	6127502	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	<0.073	0.073	0.50	6127502	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	<0.087	0.087	0.50	6127502	N/A	N/A	N/A	N/A
Fluorene	ng/g	0.067	0.046	0.50	6127502	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	0.322	0.046	0.50	6127502	N/A	N/A	N/A	N/A
Anthracene	ng/g	0.232	0.050	0.50	6127502	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.133	0.062	0.50	6127502	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.125	0.060	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	0.183	0.033	0.50	6127502	N/A	N/A	N/A	N/A
Chrysene	ng/g	0.190	0.038	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.059	0.059	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.088	0.088	0.50	6127502	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.066	0.066	0.50	6127502	N/A	N/A	N/A	N/A
Dibenz(a,h)anthracene	ng/g	0.045	0.034	0.50	6127502	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.078	0.078	0.50	6127502	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	70	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	84	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	78	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	73	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	49 (1)	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	78	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Chrysene-2H12	%	84	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	53	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	83	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	57	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	64	N/A	N/A	6127502	N/A	N/A	N/A	N/A
Perylene-2H12	%	81	N/A	N/A	6127502	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ634				IUZ635		IUZ636	
Sampling Date									
	UNITS	KVS-C33 HEPATO	EDL	RDL	QC Batch	KVS-C34 HEPATO	QC Batch	KVS-C35 HEPATO	QC Batch
Phenanthrene-2H10	%	86	N/A	N/A	6127502	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

BV Labs ID		IUZ637		IUZ638		IUZ639	
Sampling Date							
	UNITS	KVS-C36 HEPATO	QC Batch	KVS-C37 HEPATO	QC Batch	KVS-C38 HEPATO	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	7.4	6093914	0.50	6112662	2.9	6093914

QC Batch = Quality Control Batch

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ640		IUZ641			IUZ641			
Sampling Date										
	UNITS	LNGC-C61 HEPATO	QC Batch	LNGC-C60 HEPATO	EDL	RDL	LNGC-C60 HEPATO Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	7.6	6112662	5.7	N/A	N/A	N/A	N/A	N/A	6135962
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	0.40	0.15	0.99	0.36	0.12	1.0	6127502
Naphthalene	ng/g	N/A	N/A	1.71	0.19	0.50	1.25	0.091	0.50	6127502
Acenaphthylene	ng/g	N/A	N/A	0.200	0.057	0.50	0.188	0.052	0.50	6127502
Acenaphthene	ng/g	N/A	N/A	3.11	0.092	0.50	2.81	0.056	0.50	6127502
Fluorene	ng/g	N/A	N/A	0.587	0.081	0.50	0.557	0.043	0.50	6127502
Phenanthrene	ng/g	N/A	N/A	1.02	0.12	0.50	0.885	0.032	0.50	6127502
Anthracene	ng/g	N/A	N/A	1.74	0.13	0.50	1.60	0.035	0.50	6127502
Fluoranthene	ng/g	N/A	N/A	0.44	0.11	0.50	0.341	0.083	0.50	6127502
Pyrene	ng/g	N/A	N/A	0.42	0.11	0.50	0.373	0.081	0.50	6127502
Benzo(a)anthracene	ng/g	N/A	N/A	0.146	0.083	0.50	0.106	0.088	0.50	6127502
Chrysene	ng/g	N/A	N/A	0.237	0.094	0.50	0.343	0.088	0.50	6127502
Benzo(k)fluoranthene	ng/g	N/A	N/A	<0.15	0.15	0.50	0.114	0.088	0.50	6127502
Benzo(a)pyrene	ng/g	N/A	N/A	<0.21	0.21	0.50	<0.14	0.14	0.50	6127502
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	<0.16	0.16	0.50	<0.063	0.063	0.50	6127502
Dibenz(a,h)anthracene	ng/g	N/A	N/A	<0.13	0.13	0.50	<0.11	0.11	0.50	6127502
Benzo(g,h,i)perylene	ng/g	N/A	N/A	0.13	0.13	0.50	<0.072	0.072	0.50	6127502
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	N/A	N/A	59	N/A	N/A	75	N/A	N/A	6127502
Benz(a)anthracene-2H12	%	N/A	N/A	51	N/A	N/A	83	N/A	N/A	6127502
Benzo(a)pyrene-2H12	%	N/A	N/A	66	N/A	N/A	83	N/A	N/A	6127502
Benzo(b)fluoranthene-2H12	%	N/A	N/A	54	N/A	N/A	76	N/A	N/A	6127502
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	39 (1)	N/A	N/A	65	N/A	N/A	6127502
Benzo(k)fluoranthene-2H12	%	N/A	N/A	65	N/A	N/A	89	N/A	N/A	6127502
Chrysene-2H12	%	N/A	N/A	59	N/A	N/A	86	N/A	N/A	6127502
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	42 (1)	N/A	N/A	69	N/A	N/A	6127502
Fluoranthene-2H10	%	N/A	N/A	66	N/A	N/A	97	N/A	N/A	6127502
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	37 (1)	N/A	N/A	65	N/A	N/A	6127502
Naphthalene-2H8	%	N/A	N/A	44 (1)	N/A	N/A	74	N/A	N/A	6127502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		IUZ640		IUZ641			IUZ641			
Sampling Date										
	UNITS	LNGC-C61 HEPATO	QC Batch	LNGC-C60 HEPATO	EDL	RDL	LNGC-C60 HEPATO Lab-Dup	EDL	RDL	QC Batch
Perylene-2H12	%	N/A	N/A	52	N/A	N/A	94	N/A	N/A	6127502
Phenanthrene-2H10	%	N/A	N/A	84	N/A	N/A	127	N/A	N/A	6127502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.249	0.249	0.993	1.00	0.249	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.318	0.318	4.96	1.00	0.318	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.364 (1)	0.364	4.96	0.100	0.0364	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.306 (2)	0.306	4.96	0.100	0.0306	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.291 (1)	0.291	4.96	0.100	0.0291	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.471 (1)	0.471	4.96	0.0100	0.00471	N/A	6048585
Octa CDD *	pg/g	<0.839 (1)	0.839	9.93	0.000300	0.000252	N/A	6048585
Total Tetra CDD *	pg/g	<0.249	0.249	0.993	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.318	0.318	4.96	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.364 (1)	0.364	4.96	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.471 (1)	0.471	4.96	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.215	0.215	0.993	0.100	0.0215	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.294	0.294	4.96	0.0300	0.00882	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	0.313	0.273	4.96	0.300	0.0939	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.361 (2)	0.361	4.96	0.100	0.0361	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.374 (1)	0.374	4.96	0.100	0.0374	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	0.385	0.203	4.96	0.100	0.0385	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.345 (1)	0.345	4.96	0.100	0.0345	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.387 (1)	0.387	4.96	0.0100	0.00387	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.496 (1)	0.496	4.96	0.0100	0.00496	N/A	6048585
Octa CDF **	pg/g	<0.743 (1)	0.743	9.93	0.000300	0.000223	N/A	6048585
Total Tetra CDF **	pg/g	<1.20 (1)	1.20	0.993	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	2.54	0.283	4.96	N/A	N/A	2	6048585
Total Hexa CDF **	pg/g	0.947	0.214	4.96	N/A	N/A	2	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.496 (1)	0.496	4.96	N/A	N/A	0	6048585
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.948	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	29 (2)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	24	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	19	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery outside method acceptance criteria due to matrix effects

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.200	0.200	0.990	1.00	0.200	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.298	0.298	4.95	1.00	0.298	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.210	0.210	4.95	0.100	0.0210	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.212	0.212	4.95	0.100	0.0212	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.224	0.224	4.95	0.100	0.0224	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.345	0.345	4.95	0.0100	0.00345	N/A	6048585
Octa CDD *	pg/g	<0.521	0.521	9.90	0.000300	0.000156	N/A	6048585
Total Tetra CDD *	pg/g	<0.200	0.200	0.990	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.298	0.298	4.95	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.221	0.221	4.95	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.345	0.345	4.95	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.184	0.184	0.990	0.100	0.0184	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.303	0.303	4.95	0.0300	0.00909	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.282	0.282	4.95	0.300	0.0846	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.249	0.249	4.95	0.100	0.0249	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.260	0.260	4.95	0.100	0.0260	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.238	0.238	4.95	0.100	0.0238	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.255	0.255	4.95	0.100	0.0255	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.176	0.176	4.95	0.0100	0.00176	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.168	0.168	4.95	0.0100	0.00168	N/A	6048585
Octa CDF **	pg/g	<0.500	0.500	9.90	0.000300	0.000150	N/A	6048585
Total Tetra CDF **	pg/g	1.06	0.184	0.990	N/A	N/A	1	6048585
Total Penta CDF **	pg/g	2.13	0.292	4.95	N/A	N/A	1	6048585
Total Hexa CDF **	pg/g	<0.355 (1)	0.355	4.95	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.172	0.172	4.95	N/A	N/A	0	6048585
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.782	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	74	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	23	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.212	0.212	0.997	1.00	0.212	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.258	0.258	4.99	1.00	0.258	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.213	0.213	4.99	0.100	0.0213	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.215	0.215	4.99	0.100	0.0215	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.227	0.227	4.99	0.100	0.0227	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.272	0.272	4.99	0.0100	0.00272	N/A	6048585
Octa CDD *	pg/g	0.653	0.427	9.97	0.000300	0.000196	N/A	6048585
Total Tetra CDD *	pg/g	<0.212	0.212	0.997	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.258	0.258	4.99	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.224	0.224	4.99	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.272	0.272	4.99	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.130	0.130	0.997	0.100	0.0130	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.321	0.321	4.99	0.0300	0.00963	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.299	0.299	4.99	0.300	0.0897	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.226	0.226	4.99	0.100	0.0226	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.236	0.236	4.99	0.100	0.0236	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.215	0.215	4.99	0.100	0.0215	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.231	0.231	4.99	0.100	0.0231	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.232	0.232	4.99	0.0100	0.00232	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.221	0.221	4.99	0.0100	0.00221	N/A	6048585
Octa CDF **	pg/g	<0.354	0.354	9.97	0.000300	0.000106	N/A	6048585
Total Tetra CDF **	pg/g	1.42	0.130	0.997	N/A	N/A	1	6048585
Total Penta CDF **	pg/g	2.60	0.310	4.99	N/A	N/A	1	6048585
Total Hexa CDF **	pg/g	0.712	0.227	4.99	N/A	N/A	1	6048585
Total Hepta CDF **	pg/g	<0.227	0.227	4.99	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.746	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.138	0.138	0.996	1.00	0.138	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.140	0.140	4.98	1.00	0.140	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.98	0.0100	0.00104	N/A	6048585
Octa CDD *	pg/g	<0.149	0.149	9.96	0.000300	0.0000447	N/A	6048585
Total Tetra CDD *	pg/g	<0.138	0.138	0.996	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.140	0.140	4.98	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.129	0.129	0.996	0.100	0.0129	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.133	0.133	4.98	0.0300	0.00399	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.124	0.124	4.98	0.300	0.0372	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.98	0.100	0.0140	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.98	0.100	0.0146	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.98	0.100	0.0133	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.98	0.100	0.0143	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.140	0.140	4.98	0.0100	0.00140	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.134	0.134	4.98	0.0100	0.00134	N/A	6048585
Octa CDF **	pg/g	<0.134	0.134	9.96	0.000300	0.0000402	N/A	6048585
Total Tetra CDF **	pg/g	1.21	0.129	0.996	N/A	N/A	1	6048585
Total Penta CDF **	pg/g	2.02	0.128	4.98	N/A	N/A	1	6048585
Total Hexa CDF **	pg/g	<0.423 (1)	0.423	4.98	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.137	0.137	4.98	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.425	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.998	1.00	0.105	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.99	1.00	0.110	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.253	0.113	4.99	0.0100	0.00253	N/A	6125075
Octa CDD *	pg/g	0.427	0.104	9.98	0.000300	0.000128	N/A	6125075
Total Tetra CDD *	pg/g	<0.105	0.105	0.998	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.199	0.115	4.99	N/A	N/A	1	6125075
Total Hepta CDD *	pg/g	0.557	0.113	4.99	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.224	0.114	0.998	0.100	0.0224	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.99	0.0300	0.00354	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.99	0.300	0.0330	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.99	0.0100	0.00107	N/A	6125075
Octa CDF **	pg/g	<0.131 (1)	0.131	9.98	0.000300	0.0000393	N/A	6125075
Total Tetra CDF **	pg/g	0.224	0.114	0.998	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.113	0.113	4.99	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.358	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	118	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	125	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	134	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	135	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.141	0.141	0.998	1.00	0.141	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.127	0.127	4.99	1.00	0.127	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.150	0.150	4.99	0.100	0.0150	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.135	0.135	4.99	0.0100	0.00135	N/A	6048585
Octa CDD *	pg/g	<0.122	0.122	9.98	0.000300	0.0000366	N/A	6048585
Total Tetra CDD *	pg/g	<0.141	0.141	0.998	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.127	0.127	4.99	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.148	0.148	4.99	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.135	0.135	4.99	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.123	0.123	0.998	0.100	0.0123	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.154	0.154	4.99	0.0300	0.00462	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.143	0.143	4.99	0.300	0.0429	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.145	0.145	4.99	0.100	0.0145	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.151	0.151	4.99	0.100	0.0151	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.138	0.138	4.99	0.100	0.0138	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.148	0.148	4.99	0.100	0.0148	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.151	0.151	4.99	0.0100	0.00151	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.144	0.144	4.99	0.0100	0.00144	N/A	6048585
Octa CDF **	pg/g	<0.148	0.148	9.98	0.000300	0.0000444	N/A	6048585
Total Tetra CDF **	pg/g	1.72	0.123	0.998	N/A	N/A	1	6048585
Total Penta CDF **	pg/g	3.56	0.148	4.99	N/A	N/A	2	6048585
Total Hexa CDF **	pg/g	<0.695 (1)	0.695	4.99	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.147	0.147	4.99	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.434	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.144	0.144	0.993	1.00	0.144	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.134	0.134	4.96	1.00	0.134	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.137	0.137	4.96	0.100	0.0137	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.138	0.138	4.96	0.100	0.0138	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.146	0.146	4.96	0.100	0.0146	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.130	0.130	4.96	0.0100	0.00130	N/A	6048585
Octa CDD *	pg/g	<0.171	0.171	9.93	0.000300	0.0000513	N/A	6048585
Total Tetra CDD *	pg/g	<0.144	0.144	0.993	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.134	0.134	4.96	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.145	0.145	4.96	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.130	0.130	4.96	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.148	0.148	0.993	0.100	0.0148	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.96	0.0300	0.00339	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.300	0.0315	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.96	0.100	0.0140	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.96	0.100	0.0146	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.96	0.100	0.0134	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.96	0.100	0.0143	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.150	0.150	4.96	0.0100	0.00150	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.96	0.0100	0.00142	N/A	6048585
Octa CDF **	pg/g	<0.118	0.118	9.93	0.000300	0.0000354	N/A	6048585
Total Tetra CDF **	pg/g	<0.148	0.148	0.993	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	<0.109	0.109	4.96	N/A	N/A	0	6048585
Total Hexa CDF **	pg/g	<0.141	0.141	4.96	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.146	0.146	4.96	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.430	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	96	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	22	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.994	1.00	0.116	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.97	1.00	0.111	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.173	0.114	4.97	0.0100	0.00173	N/A	6125075
Octa CDD *	pg/g	0.366	0.114	9.94	0.000300	0.000110	N/A	6125075
Total Tetra CDD *	pg/g	<0.116	0.116	0.994	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.111	0.111	4.97	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.169 (1)	0.169	4.97	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.336	0.114	4.97	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.101	0.0995	0.994	0.100	0.0101	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.0300	0.00324	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.97	0.300	0.0303	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.97	0.0100	0.00104	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.97	0.0100	0.00102	N/A	6125075
Octa CDF **	pg/g	<0.115	0.115	9.94	0.000300	0.0000345	N/A	6125075
Total Tetra CDF **	pg/g	0.101	0.0995	0.994	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.104	0.104	4.97	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.107	0.107	4.97	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.103	0.103	4.97	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.350	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	141	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	142	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.98	1.00	0.111	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0982	0.0982	4.98	0.100	0.00982	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.142	0.101	4.98	0.0100	0.00142	N/A	6125075
Octa CDD *	pg/g	0.275	0.103	9.96	0.000300	0.0000825	N/A	6125075
Total Tetra CDD *	pg/g	<0.109	0.109	0.996	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.153 (1)	0.153	4.98	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.142	0.101	4.98	N/A	N/A	1	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.996	0.100	0.0106	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.0300	0.00330	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.98	0.300	0.0309	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0992	0.0992	4.98	0.100	0.00992	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.101	0.101	4.98	0.0100	0.00101	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0986	0.0986	4.98	0.0100	0.000986	N/A	6125075
Octa CDF **	pg/g	0.133	0.115	9.96	0.000300	0.0000399	N/A	6125075
Total Tetra CDF **	pg/g	<0.106	0.106	0.996	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.0997	0.0997	4.98	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.340	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	125	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	123	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.147	0.147	0.993	1.00	0.147	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.146	0.146	4.96	1.00	0.146	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	4.96	0.100	0.0140	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.141	0.141	4.96	0.100	0.0141	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.149	0.149	4.96	0.100	0.0149	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.143	0.143	4.96	0.0100	0.00143	N/A	6048585
Octa CDD *	pg/g	<0.512 (1)	0.512	9.93	0.000300	0.000154	N/A	6048585
Total Tetra CDD *	pg/g	<0.147	0.147	0.993	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.146	0.146	4.96	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.147	0.147	4.96	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.143	0.143	4.96	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.124	0.124	0.993	0.100	0.0124	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.150	0.150	4.96	0.0300	0.00450	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.140	0.140	4.96	0.300	0.0420	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.121	0.121	4.96	0.100	0.0121	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.96	0.100	0.0126	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.96	0.100	0.0115	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.124	0.124	4.96	0.100	0.0124	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.124	0.124	4.96	0.0100	0.00124	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.96	0.0100	0.00118	N/A	6048585
Octa CDF **	pg/g	<0.152	0.152	9.93	0.000300	0.0000456	N/A	6048585
Total Tetra CDF **	pg/g	<0.124	0.124	0.993	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	<0.145	0.145	4.96	N/A	N/A	0	6048585
Total Hexa CDF **	pg/g	<0.121	0.121	4.96	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.121	0.121	4.96	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.448	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	21	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	1.00	1.00	0.118	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	5.00	1.00	0.115	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.190	0.113	5.00	0.0100	0.00190	N/A	6125075
Octa CDD *	pg/g	0.504	0.118	10.0	0.000300	0.000151	N/A	6125075
Total Tetra CDD *	pg/g	<0.118	0.118	1.00	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.115	0.115	5.00	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.231 (1)	0.231	5.00	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.488	0.113	5.00	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	1.00	0.100	0.0110	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	5.00	0.0300	0.00351	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	5.00	0.300	0.0330	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	5.00	0.0100	0.00112	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6125075
Octa CDF **	pg/g	<0.105	0.105	10.0	0.000300	0.0000315	N/A	6125075
Total Tetra CDF **	pg/g	<0.110	0.110	1.00	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.105	0.105	5.00	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.360	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	150	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	135	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	156	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.144	0.144	0.998	1.00	0.144	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.146	0.146	4.99	1.00	0.146	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.133	0.133	4.99	0.100	0.0133	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.174	0.174	4.99	0.0100	0.00174	N/A	6048585
Octa CDD *	pg/g	<0.107	0.107	9.98	0.000300	0.0000321	N/A	6048585
Total Tetra CDD *	pg/g	<0.144	0.144	0.998	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.146	0.146	4.99	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.140	0.140	4.99	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.174	0.174	4.99	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.126	0.126	0.998	0.100	0.0126	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.164	0.164	4.99	0.0300	0.00492	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.153	0.153	4.99	0.300	0.0459	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.148	0.148	4.99	0.100	0.0148	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.154	0.154	4.99	0.100	0.0154	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.141	0.141	4.99	0.100	0.0141	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.151	0.151	4.99	0.100	0.0151	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.123	0.123	4.99	0.0100	0.00123	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	6048585
Octa CDF **	pg/g	<0.141	0.141	9.98	0.000300	0.0000423	N/A	6048585
Total Tetra CDF **	pg/g	<0.126	0.126	0.998	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	<0.159	0.159	4.99	N/A	N/A	0	6048585
Total Hexa CDF **	pg/g	<0.148	0.148	4.99	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.120	0.120	4.99	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.458	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	18	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.204	0.204	0.990	1.00	0.204	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.199	0.199	4.95	1.00	0.199	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.135	0.135	4.95	0.100	0.0135	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.95	0.100	0.0136	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.143	0.143	4.95	0.100	0.0143	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.220	0.220	4.95	0.0100	0.00220	N/A	6048585
Octa CDD *	pg/g	<0.445 (1)	0.445	9.90	0.000300	0.000134	N/A	6048585
Total Tetra CDD *	pg/g	<0.204	0.204	0.990	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.199	0.199	4.95	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.142	0.142	4.95	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.220	0.220	4.95	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.990	0.100	0.0117	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.203	0.203	4.95	0.0300	0.00609	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.189	0.189	4.95	0.300	0.0567	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.163	0.163	4.95	0.100	0.0163	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.171	0.171	4.95	0.100	0.0171	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.156	0.156	4.95	0.100	0.0156	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.167	0.167	4.95	0.100	0.0167	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.183	0.183	4.95	0.0100	0.00183	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.174	0.174	4.95	0.0100	0.00174	N/A	6048585
Octa CDF **	pg/g	<0.229	0.229	9.90	0.000300	0.0000687	N/A	6048585
Total Tetra CDF **	pg/g	<0.117	0.117	0.990	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	<0.196	0.196	4.95	N/A	N/A	0	6048585
Total Hexa CDF **	pg/g	<0.164	0.164	4.95	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.179	0.179	4.95	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.591	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	23	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	24 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	28 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	18	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.247	0.247	0.994	1.00	0.247	N/A	6048585
1,2,3,7,8-Penta CDD *	pg/g	<0.204	0.204	4.97	1.00	0.204	N/A	6048585
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.221	0.221	4.97	0.100	0.0221	N/A	6048585
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.223	0.223	4.97	0.100	0.0223	N/A	6048585
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.235	0.235	4.97	0.100	0.0235	N/A	6048585
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.245	0.245	4.97	0.0100	0.00245	N/A	6048585
Octa CDD *	pg/g	<0.619 (1)	0.619	9.94	0.000300	0.000186	N/A	6048585
Total Tetra CDD *	pg/g	<0.247	0.247	0.994	N/A	N/A	0	6048585
Total Penta CDD *	pg/g	<0.204	0.204	4.97	N/A	N/A	0	6048585
Total Hexa CDD *	pg/g	<0.233	0.233	4.97	N/A	N/A	0	6048585
Total Hepta CDD *	pg/g	<0.245	0.245	4.97	N/A	N/A	0	6048585
2,3,7,8-Tetra CDF **	pg/g	<0.148	0.148	0.994	0.100	0.0148	N/A	6048585
1,2,3,7,8-Penta CDF **	pg/g	<0.263	0.263	4.97	0.0300	0.00789	N/A	6048585
2,3,4,7,8-Penta CDF **	pg/g	<0.245	0.245	4.97	0.300	0.0735	N/A	6048585
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.169	0.169	4.97	0.100	0.0169	N/A	6048585
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.176	0.176	4.97	0.100	0.0176	N/A	6048585
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.161	0.161	4.97	0.100	0.0161	N/A	6048585
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.172	0.172	4.97	0.100	0.0172	N/A	6048585
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.220	0.220	4.97	0.0100	0.00220	N/A	6048585
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.209	0.209	4.97	0.0100	0.00209	N/A	6048585
Octa CDF **	pg/g	<0.186	0.186	9.94	0.000300	0.0000558	N/A	6048585
Total Tetra CDF **	pg/g	<0.148	0.148	0.994	N/A	N/A	0	6048585
Total Penta CDF **	pg/g	<0.254	0.254	4.97	N/A	N/A	0	6048585
Total Hexa CDF **	pg/g	<0.169	0.169	4.97	N/A	N/A	0	6048585
Total Hepta CDF **	pg/g	<0.214	0.214	4.97	N/A	N/A	0	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.690	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDD *	%	19 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234678 HeptaCDF **	%	20 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDD *	%	20 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123478 HexaCDF **	%	21 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-1234789 HeptaCDF **	%	20 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDD *	%	20 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123678 HexaCDF **	%	21 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDD *	%	22 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-12378 PentaCDF **	%	19 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-123789 HexaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-234678 HexaCDF **	%	24 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-23478 PentaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDD *	%	22 (1)	N/A	N/A	N/A	N/A	N/A	6048585
C13-2378 TetraCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6048585
C13-OCDD *	%	15 (1)	N/A	N/A	N/A	N/A	N/A	6048585

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.992	1.00	0.101	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.96	1.00	0.109	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.96	0.100	0.0115	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.96	0.0100	0.00104	N/A	6133366
Octa CDD *	pg/g	0.532	0.110	9.92	0.000300	0.000160	N/A	6133366
Total Tetra CDD *	pg/g	<0.101	0.101	0.992	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.109	0.109	4.96	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	<0.132 (1)	0.132	4.96	N/A	N/A	0	6133366
Total Hepta CDD *	pg/g	<0.104	0.104	4.96	N/A	N/A	0	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.992	0.100	0.0108	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.96	0.0300	0.00333	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.96	0.300	0.0312	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.96	0.100	0.0109	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.96	0.0100	0.00102	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.96	0.0100	0.00100	N/A	6133366
Octa CDF **	pg/g	<0.126 (1)	0.126	9.92	0.000300	0.0000378	N/A	6133366
Total Tetra CDF **	pg/g	<0.108	0.108	0.992	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6133366
Total Hexa CDF **	pg/g	<0.106	0.106	4.96	N/A	N/A	0	6133366
Total Hepta CDF **	pg/g	<0.101	0.101	4.96	N/A	N/A	0	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.334	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.970	1.00	0.108	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.85	1.00	0.118	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.85	0.100	0.0121	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.122	0.122	4.85	0.100	0.0122	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.129	0.129	4.85	0.100	0.0129	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.135	0.135	4.85	0.0100	0.00135	N/A	6053404
Octa CDD *	pg/g	<0.181	0.181	9.70	0.000300	0.0000543	N/A	6053404
Total Tetra CDD *	pg/g	<0.108	0.108	0.970	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.118	0.118	4.85	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.128	0.128	4.85	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	<0.135	0.135	4.85	N/A	N/A	0	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.0722	0.0722	0.970	0.100	0.00722	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.85	0.0300	0.00360	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.85	0.300	0.0336	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0848	0.0848	4.85	0.100	0.00848	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0885	0.0885	4.85	0.100	0.00885	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0808	0.0808	4.85	0.100	0.00808	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0866	0.0866	4.85	0.100	0.00866	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0931	0.0931	4.85	0.0100	0.000931	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0887	0.0887	4.85	0.0100	0.000887	N/A	6053404
Octa CDF **	pg/g	<0.128	0.128	9.70	0.000300	0.0000384	N/A	6053404
Total Tetra CDF **	pg/g	<0.0722	0.0722	0.970	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.116	0.116	4.85	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0851	0.0851	4.85	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0908	0.0908	4.85	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0940	0.0940	0.998	1.00	0.0940	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.99	1.00	0.119	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0870	0.0870	4.99	0.100	0.00870	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0877	0.0877	4.99	0.100	0.00877	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0927	0.0927	4.99	0.100	0.00927	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0960	0.0960	4.99	0.0100	0.000960	N/A	6053404
Octa CDD *	pg/g	<0.231	0.231	9.98	0.000300	0.0000693	N/A	6053404
Total Tetra CDD *	pg/g	<0.0940	0.0940	0.998	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.119	0.119	4.99	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.0917	0.0917	4.99	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	<0.0960	0.0960	4.99	N/A	N/A	0	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.0704	0.0704	0.998	0.100	0.00704	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.99	0.0300	0.00292	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.0906	0.0906	4.99	0.300	0.0272	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.99	0.0100	0.00119	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6053404
Octa CDF **	pg/g	<0.150	0.150	9.98	0.000300	0.0000450	N/A	6053404
Total Tetra CDF **	pg/g	<0.0704	0.0704	0.998	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.0938	0.0938	4.99	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.327	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0942	0.0942	0.979	1.00	0.0942	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.136	0.136	4.89	1.00	0.136	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.89	0.100	0.0103	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.89	0.100	0.0104	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.89	0.100	0.0110	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.123 (1)	0.123	4.89	0.0100	0.00123	N/A	6053404
Octa CDD *	pg/g	0.318	0.159	9.79	0.000300	0.0000954	N/A	6053404
Total Tetra CDD *	pg/g	<0.0942	0.0942	0.979	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.136	0.136	4.89	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.109	0.109	4.89	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	0.182	0.116	4.89	N/A	N/A	1	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.979	0.100	0.0108	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.0935	0.0935	4.89	0.0300	0.00281	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.0871	0.0871	4.89	0.300	0.0261	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0928	0.0928	4.89	0.100	0.00928	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0968	0.0968	4.89	0.100	0.00968	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0884	0.0884	4.89	0.100	0.00884	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0947	0.0947	4.89	0.100	0.00947	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0973	0.0973	4.89	0.0100	0.000973	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0927	0.0927	4.89	0.0100	0.000927	N/A	6053404
Octa CDF **	pg/g	<0.145	0.145	9.79	0.000300	0.0000435	N/A	6053404
Total Tetra CDF **	pg/g	<0.108	0.108	0.979	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.0902	0.0902	4.89	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0931	0.0931	4.89	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0950	0.0950	4.89	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.342	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0975	0.0975	0.961	1.00	0.0975	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.80	1.00	0.112	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0909	0.0909	4.80	0.100	0.00909	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0916	0.0916	4.80	0.100	0.00916	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0969	0.0969	4.80	0.100	0.00969	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.80	0.0100	0.00106	N/A	6053404
Octa CDD *	pg/g	<0.140	0.140	9.61	0.000300	0.0000420	N/A	6053404
Total Tetra CDD *	pg/g	<0.0975	0.0975	0.961	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.112	0.112	4.80	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.0958	0.0958	4.80	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	<0.106	0.106	4.80	N/A	N/A	0	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.961	0.100	0.0110	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.0904	0.0904	4.80	0.0300	0.00271	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.0842	0.0842	4.80	0.300	0.0253	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0848	0.0848	4.80	0.100	0.00848	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0885	0.0885	4.80	0.100	0.00885	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0808	0.0808	4.80	0.100	0.00808	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0866	0.0866	4.80	0.100	0.00866	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0845	0.0845	4.80	0.0100	0.000845	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0805	0.0805	4.80	0.0100	0.000805	N/A	6053404
Octa CDF **	pg/g	<0.113	0.113	9.61	0.000300	0.0000339	N/A	6053404
Total Tetra CDF **	pg/g	<0.110	0.110	0.961	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.0872	0.0872	4.80	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0850	0.0850	4.80	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0825	0.0825	4.80	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.313	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.972	1.00	0.116	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.86	1.00	0.121	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0890	0.0890	4.86	0.100	0.00890	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0897	0.0897	4.86	0.100	0.00897	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0948	0.0948	4.86	0.100	0.00948	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.176	0.176	4.86	0.0100	0.00176	N/A	6053404
Octa CDD *	pg/g	0.674	0.173	9.72	0.000300	0.000202	N/A	6053404
Total Tetra CDD *	pg/g	<0.116	0.116	0.972	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.121	0.121	4.86	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.0938	0.0938	4.86	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	<0.176	0.176	4.86	N/A	N/A	0	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.0966	0.0966	0.972	0.100	0.00966	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.0788	0.0788	4.86	0.0300	0.00236	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.0734	0.0734	4.86	0.300	0.0220	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0884	0.0884	4.86	0.100	0.00884	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0922	0.0922	4.86	0.100	0.00922	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0842	0.0842	4.86	0.100	0.00842	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0903	0.0903	4.86	0.100	0.00903	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0964	0.0964	4.86	0.0100	0.000964	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0919	0.0919	4.86	0.0100	0.000919	N/A	6053404
Octa CDF **	pg/g	<0.0987	0.0987	9.72	0.000300	0.0000296	N/A	6053404
Total Tetra CDF **	pg/g	<0.0966	0.0966	0.972	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.0760	0.0760	4.86	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0887	0.0887	4.86	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0941	0.0941	4.86	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.338	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.960	1.00	0.111	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.120	0.120	4.80	1.00	0.120	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.80	0.100	0.0103	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108 (1)	0.108	4.80	0.100	0.0108	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.80	0.100	0.0110	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.317	0.149	4.80	0.0100	0.00317	N/A	6053404
Octa CDD *	pg/g	<0.156	0.156	9.60	0.000300	0.0000468	N/A	6053404
Total Tetra CDD *	pg/g	<0.111	0.111	0.960	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.120	0.120	4.80	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	0.329	0.109	4.80	N/A	N/A	1	6053404
Total Hepta CDD *	pg/g	0.317	0.149	4.80	N/A	N/A	1	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.220 (1)	0.220	0.960	0.100	0.0220	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.80	0.0300	0.00348	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.80	0.300	0.0324	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0935	0.0935	4.80	0.100	0.00935	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0976	0.0976	4.80	0.100	0.00976	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0891	0.0891	4.80	0.100	0.00891	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0955	0.0955	4.80	0.100	0.00955	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0866	0.0866	4.80	0.0100	0.000866	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0825	0.0825	4.80	0.0100	0.000825	N/A	6053404
Octa CDF **	pg/g	<0.0963	0.0963	9.60	0.000300	0.0000289	N/A	6053404
Total Tetra CDF **	pg/g	<0.220 (1)	0.220	0.960	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.112	0.112	4.80	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0938	0.0938	4.80	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0845	0.0845	4.80	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.363	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0949	0.0949	0.981	1.00	0.0949	N/A	6053404
1,2,3,7,8-Penta CDD *	pg/g	<0.0939	0.0939	4.91	1.00	0.0939	N/A	6053404
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.91	0.100	0.0114	N/A	6053404
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.91	0.100	0.0115	N/A	6053404
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.121	0.121	4.91	0.100	0.0121	N/A	6053404
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.156	0.156	4.91	0.0100	0.00156	N/A	6053404
Octa CDD *	pg/g	<0.141	0.141	9.81	0.000300	0.0000423	N/A	6053404
Total Tetra CDD *	pg/g	<0.0949	0.0949	0.981	N/A	N/A	0	6053404
Total Penta CDD *	pg/g	<0.0939	0.0939	4.91	N/A	N/A	0	6053404
Total Hexa CDD *	pg/g	<0.120	0.120	4.91	N/A	N/A	0	6053404
Total Hepta CDD *	pg/g	<0.156	0.156	4.91	N/A	N/A	0	6053404
2,3,7,8-Tetra CDF **	pg/g	<0.0900	0.0900	0.981	0.100	0.00900	N/A	6053404
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.91	0.0300	0.00357	N/A	6053404
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.91	0.300	0.0330	N/A	6053404
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0723	0.0723	4.91	0.100	0.00723	N/A	6053404
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0755	0.0755	4.91	0.100	0.00755	N/A	6053404
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0689	0.0689	4.91	0.100	0.00689	N/A	6053404
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0739	0.0739	4.91	0.100	0.00739	N/A	6053404
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0812	0.0812	4.91	0.0100	0.000812	N/A	6053404
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0773	0.0773	4.91	0.0100	0.000773	N/A	6053404
Octa CDF **	pg/g	<0.115	0.115	9.81	0.000300	0.0000345	N/A	6053404
Total Tetra CDF **	pg/g	<0.0900	0.0900	0.981	N/A	N/A	0	6053404
Total Penta CDF **	pg/g	<0.114	0.114	4.91	N/A	N/A	0	6053404
Total Hexa CDF **	pg/g	<0.0726	0.0726	4.91	N/A	N/A	0	6053404
Total Hepta CDF **	pg/g	<0.0792	0.0792	4.91	N/A	N/A	0	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.302	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6053404
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6053404
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6053404
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6053404
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6053404
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6053404
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6053404
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6053404

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.148 (1)	0.148	0.996	1.00	0.148	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	0.516	0.106	4.98	1.00	0.516	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	0.477	0.103	4.98	0.100	0.0477	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	0.424	0.0984	4.98	0.100	0.0424	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.436	0.0961	4.98	0.100	0.0436	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.492	0.119	4.98	0.0100	0.00492	N/A	6133366
Octa CDD *	pg/g	1.55	0.109	9.96	0.000300	0.000465	N/A	6133366
Total Tetra CDD *	pg/g	<0.148 (1)	0.148	0.996	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	0.516	0.106	4.98	N/A	N/A	1	6133366
Total Hexa CDD *	pg/g	1.34	0.100	4.98	N/A	N/A	3	6133366
Total Hepta CDD *	pg/g	0.492	0.119	4.98	N/A	N/A	1	6133366
2,3,7,8-Tetra CDF **	pg/g	0.146	0.111	0.996	0.100	0.0146	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	0.586	0.118	4.98	0.0300	0.0176	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	0.482	0.110	4.98	0.300	0.145	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	0.491	0.121	4.98	0.100	0.0491	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	0.548	0.118	4.98	0.100	0.0548	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	0.450	0.114	4.98	0.100	0.0450	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	0.487	0.118	4.98	0.100	0.0487	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.367	0.110	4.98	0.0100	0.00367	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.393	0.107	4.98	0.0100	0.00393	N/A	6133366
Octa CDF **	pg/g	0.659	0.104	9.96	0.000300	0.000198	N/A	6133366
Total Tetra CDF **	pg/g	0.146	0.111	0.996	N/A	N/A	1	6133366
Total Penta CDF **	pg/g	1.07	0.114	4.98	N/A	N/A	2	6133366
Total Hexa CDF **	pg/g	1.98	0.118	4.98	N/A	N/A	4	6133366
Total Hepta CDF **	pg/g	0.760	0.108	4.98	N/A	N/A	2	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.19	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	130	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.991	1.00	0.104	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.161 (1)	0.161	4.95	1.00	0.161	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.198 (1)	0.198	4.95	0.100	0.0198	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	0.206	0.107	4.95	0.100	0.0206	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.215	0.104	4.95	0.100	0.0215	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.333	0.104	4.95	0.0100	0.00333	N/A	6133366
Octa CDD *	pg/g	0.811	0.102	9.91	0.000300	0.000243	N/A	6133366
Total Tetra CDD *	pg/g	<0.104	0.104	0.991	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.161 (1)	0.161	4.95	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	0.421	0.109	4.95	N/A	N/A	2	6133366
Total Hepta CDD *	pg/g	0.333	0.104	4.95	N/A	N/A	1	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.991	0.100	0.0104	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	0.224	0.119	4.95	0.0300	0.00672	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	0.185	0.111	4.95	0.300	0.0555	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	0.239	0.108	4.95	0.100	0.0239	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.213 (1)	0.213	4.95	0.100	0.0213	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	0.227	0.102	4.95	0.100	0.0227	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	0.305	0.106	4.95	0.100	0.0305	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.225	0.100	4.95	0.0100	0.00225	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.246	0.0982	4.95	0.0100	0.00246	N/A	6133366
Octa CDF **	pg/g	0.458	0.103	9.91	0.000300	0.000137	N/A	6133366
Total Tetra CDF **	pg/g	<0.104	0.104	0.991	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	0.409	0.115	4.95	N/A	N/A	2	6133366
Total Hexa CDF **	pg/g	0.771	0.105	4.95	N/A	N/A	3	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	0.471	0.0993	4.95	N/A	N/A	2	6133366
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.506	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	129	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0972	0.0972	0.994	1.00	0.0972	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.130	0.130	4.97	1.00	0.130	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.150	0.150	4.97	0.100	0.0150	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.151	0.151	4.97	0.100	0.0151	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.160	0.160	4.97	0.100	0.0160	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.179	0.179	4.97	0.0100	0.00179	N/A	6056927
Octa CDD *	pg/g	<0.185 (1)	0.185	9.94	0.000300	0.0000555	N/A	6056927
Total Tetra CDD *	pg/g	<0.0972	0.0972	0.994	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.130	0.130	4.97	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.158	0.158	4.97	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.179	0.179	4.97	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.154	0.154	0.994	0.100	0.0154	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.221	0.221	4.97	0.0300	0.00663	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.206	0.206	4.97	0.300	0.0618	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.97	0.100	0.0146	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.153	0.153	4.97	0.100	0.0153	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.139	0.139	4.97	0.100	0.0139	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.149	0.149	4.97	0.100	0.0149	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.139	0.139	4.97	0.0100	0.00139	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.132	0.132	4.97	0.0100	0.00132	N/A	6056927
Octa CDF **	pg/g	<0.172	0.172	9.94	0.000300	0.0000516	N/A	6056927
Total Tetra CDF **	pg/g	0.275	0.154	0.994	N/A	N/A	1	6056927
Total Penta CDF **	pg/g	0.386	0.213	4.97	N/A	N/A	1	6056927
Total Hexa CDF **	pg/g	<0.147	0.147	4.97	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.136	0.136	4.97	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.420	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.224	0.224	0.997	1.00	0.224	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.193	0.193	4.99	1.00	0.193	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.152	0.152	4.99	0.100	0.0152	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.154	0.154	4.99	0.100	0.0154	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.162	0.162	4.99	0.100	0.0162	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.232	0.232	4.99	0.0100	0.00232	N/A	6056927
Octa CDD *	pg/g	<0.366 (1)	0.366	9.97	0.000300	0.000110	N/A	6056927
Total Tetra CDD *	pg/g	<0.224	0.224	0.997	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.193	0.193	4.99	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.161	0.161	4.99	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.232	0.232	4.99	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.296	0.296	0.997	0.100	0.0296	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.227	0.227	4.99	0.0300	0.00681	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.211	0.211	4.99	0.300	0.0633	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.147	0.147	4.99	0.100	0.0147	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.153	0.153	4.99	0.100	0.0153	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.150	0.150	4.99	0.100	0.0150	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.191	0.191	4.99	0.0100	0.00191	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.182	0.182	4.99	0.0100	0.00182	N/A	6056927
Octa CDF **	pg/g	<0.280	0.280	9.97	0.000300	0.0000840	N/A	6056927
Total Tetra CDF **	pg/g	<0.296	0.296	0.997	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.482 (2)	0.482	4.99	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.147	0.147	4.99	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.187	0.187	4.99	N/A	N/A	0	6056927
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.629	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.260	0.260	0.996	1.00	0.260	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.205	0.205	4.98	1.00	0.205	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.206	0.206	4.98	0.100	0.0206	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.208	0.208	4.98	0.100	0.0208	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.220	0.220	4.98	0.100	0.0220	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.266	0.266	4.98	0.0100	0.00266	N/A	6056927
Octa CDD *	pg/g	<0.276	0.276	9.96	0.000300	0.0000828	N/A	6056927
Total Tetra CDD *	pg/g	<0.260	0.260	0.996	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.205	0.205	4.98	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.217	0.217	4.98	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.266	0.266	4.98	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.382	0.382	0.996	0.100	0.0382	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.469	0.469	4.98	0.0300	0.0141	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.437	0.437	4.98	0.300	0.131	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.253	0.253	4.98	0.100	0.0253	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.264	0.264	4.98	0.100	0.0264	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.241	0.241	4.98	0.100	0.0241	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.258	0.258	4.98	0.100	0.0258	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.228	0.228	4.98	0.0100	0.00228	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.217	0.217	4.98	0.0100	0.00217	N/A	6056927
Octa CDF **	pg/g	<0.261	0.261	9.96	0.000300	0.0000783	N/A	6056927
Total Tetra CDF **	pg/g	<0.382	0.382	0.996	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.452	0.452	4.98	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.254	0.254	4.98	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.222	0.222	4.98	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.821	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.247	0.247	0.996	1.00	0.247	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.192	0.192	4.98	1.00	0.192	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.310	0.310	4.98	0.100	0.0310	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.312	0.312	4.98	0.100	0.0312	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.330	0.330	4.98	0.100	0.0330	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.462	0.462	4.98	0.0100	0.00462	N/A	6056927
Octa CDD *	pg/g	<0.397	0.397	9.96	0.000300	0.000119	N/A	6056927
Total Tetra CDD *	pg/g	<0.247	0.247	0.996	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.192	0.192	4.98	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.326	0.326	4.98	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.462	0.462	4.98	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.250	0.250	0.996	0.100	0.0250	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.376	0.376	4.98	0.0300	0.0113	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.351	0.351	4.98	0.300	0.105	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.357	0.357	4.98	0.100	0.0357	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.373	0.373	4.98	0.100	0.0373	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.341	0.341	4.98	0.100	0.0341	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.365	0.365	4.98	0.100	0.0365	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.263	0.263	4.98	0.0100	0.00263	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.250	0.250	4.98	0.0100	0.00250	N/A	6056927
Octa CDF **	pg/g	0.480	0.222	9.96	0.000300	0.000144	N/A	6056927
Total Tetra CDF **	pg/g	<0.333 (1)	0.333	0.996	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.363	0.363	4.98	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.359	0.359	4.98	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.257	0.257	4.98	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.829	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.276	0.276	1.00	1.00	0.276	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.214	0.214	5.00	1.00	0.214	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.228	0.228	5.00	0.100	0.0228	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.230	0.230	5.00	0.100	0.0230	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.244	0.244	5.00	0.100	0.0244	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.338	0.338	5.00	0.0100	0.00338	N/A	6056927
Octa CDD *	pg/g	0.909	0.391	10.0	0.000300	0.000273	N/A	6056927
Total Tetra CDD *	pg/g	<0.276	0.276	1.00	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.214	0.214	5.00	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.241	0.241	5.00	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.338	0.338	5.00	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.219	0.219	1.00	0.100	0.0219	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.321	0.321	5.00	0.0300	0.00963	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.299	0.299	5.00	0.300	0.0897	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.264	0.264	5.00	0.100	0.0264	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.276	0.276	5.00	0.100	0.0276	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.252	0.252	5.00	0.100	0.0252	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.270	0.270	5.00	0.100	0.0270	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.230	0.230	5.00	0.0100	0.00230	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.219	0.219	5.00	0.0100	0.00219	N/A	6056927
Octa CDF **	pg/g	<0.360	0.360	10.0	0.000300	0.000108	N/A	6056927
Total Tetra CDF **	pg/g	<0.341 (1)	0.341	1.00	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.406 (1)	0.406	5.00	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.265	0.265	5.00	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.224	0.224	5.00	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.796	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	96	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.183	0.183	0.981	1.00	0.183	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.179	0.179	4.91	1.00	0.179	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.210	0.210	4.91	0.100	0.0210	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.211	0.211	4.91	0.100	0.0211	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.224	0.224	4.91	0.100	0.0224	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.56	0.392	4.91	0.0100	0.0156	N/A	6056927
Octa CDD *	pg/g	7.77	0.498	9.81	0.000300	0.00233	N/A	6056927
Total Tetra CDD *	pg/g	<0.183	0.183	0.981	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.179	0.179	4.91	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.221	0.221	4.91	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	2.93	0.392	4.91	N/A	N/A	2	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.267	0.267	0.981	0.100	0.0267	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.228	0.228	4.91	0.0300	0.00684	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.213	0.213	4.91	0.300	0.0639	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.309	0.309	4.91	0.100	0.0309	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.322	0.322	4.91	0.100	0.0322	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.294	0.294	4.91	0.100	0.0294	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.315	0.315	4.91	0.100	0.0315	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.370 (1)	0.370	4.91	0.0100	0.00370	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.171	0.171	4.91	0.0100	0.00171	N/A	6056927
Octa CDF **	pg/g	1.14	0.319	9.81	0.000300	0.000342	N/A	6056927
Total Tetra CDF **	pg/g	<0.267	0.267	0.981	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	0.423	0.220	4.91	N/A	N/A	1	6056927
Total Hexa CDF **	pg/g	<0.310	0.310	4.91	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	0.724	0.175	4.91	N/A	N/A	1	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.672	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	90	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.191	0.191	0.986	1.00	0.191	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.128	0.128	4.93	1.00	0.128	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.163	0.163	4.93	0.100	0.0163	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.164	0.164	4.93	0.100	0.0164	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.174	0.174	4.93	0.100	0.0174	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.194	0.194	4.93	0.0100	0.00194	N/A	6056927
Octa CDD *	pg/g	<0.434 (1)	0.434	9.86	0.000300	0.000130	N/A	6056927
Total Tetra CDD *	pg/g	<0.191	0.191	0.986	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.128	0.128	4.93	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.172	0.172	4.93	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.194	0.194	4.93	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.225	0.225	0.986	0.100	0.0225	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.159	0.159	4.93	0.0300	0.00477	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.148	0.148	4.93	0.300	0.0444	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.93	0.100	0.0140	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.93	0.100	0.0146	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.93	0.100	0.0133	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.93	0.100	0.0143	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.131	0.131	4.93	0.0100	0.00131	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.125	0.125	4.93	0.0100	0.00125	N/A	6056927
Octa CDF **	pg/g	<0.186	0.186	9.86	0.000300	0.0000558	N/A	6056927
Total Tetra CDF **	pg/g	<0.426 (1)	0.426	0.986	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.608 (2)	0.608	4.93	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.140	0.140	4.93	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.128	0.128	4.93	N/A	N/A	0	6056927
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.502	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0980	0.0980	0.993	1.00	0.0980	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.134	0.134	4.96	1.00	0.134	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.133	0.133	4.96	0.100	0.0133	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.96	0.100	0.0134	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.142	0.142	4.96	0.100	0.0142	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.163	0.163	4.96	0.0100	0.00163	N/A	6056927
Octa CDD *	pg/g	<0.339 (1)	0.339	9.93	0.000300	0.000102	N/A	6056927
Total Tetra CDD *	pg/g	<0.0980	0.0980	0.993	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.134	0.134	4.96	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.140	0.140	4.96	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.163	0.163	4.96	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.144	0.144	0.993	0.100	0.0144	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.159	0.159	4.96	0.0300	0.00477	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.148	0.148	4.96	0.300	0.0444	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.179	0.179	4.96	0.100	0.0179	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.187	0.187	4.96	0.100	0.0187	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.171	0.171	4.96	0.100	0.0171	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.183	0.183	4.96	0.100	0.0183	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.237	0.237	4.96	0.0100	0.00237	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.226	0.226	4.96	0.0100	0.00226	N/A	6056927
Octa CDF **	pg/g	<0.264 (1)	0.264	9.93	0.000300	0.0000792	N/A	6056927
Total Tetra CDF **	pg/g	<0.252 (1)	0.252	0.993	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	0.347	0.153	4.96	N/A	N/A	1	6056927
Total Hexa CDF **	pg/g	<0.180	0.180	4.96	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.231	0.231	4.96	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.415	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.142	0.142	0.999	1.00	0.142	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.141	0.141	4.99	1.00	0.141	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.149	0.149	4.99	0.0100	0.00149	N/A	6056927
Octa CDD *	pg/g	<0.272	0.272	9.99	0.000300	0.0000816	N/A	6056927
Total Tetra CDD *	pg/g	<0.142	0.142	0.999	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.141	0.141	4.99	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.124	0.124	4.99	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.149	0.149	4.99	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.147	0.147	0.999	0.100	0.0147	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.162	0.162	4.99	0.0300	0.00486	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.150	0.150	4.99	0.300	0.0450	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	4.99	0.100	0.0131	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.99	0.100	0.0137	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.146	0.146	4.99	0.0100	0.00146	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.139	0.139	4.99	0.0100	0.00139	N/A	6056927
Octa CDF **	pg/g	<0.218	0.218	9.99	0.000300	0.0000654	N/A	6056927
Total Tetra CDF **	pg/g	<0.470 (1)	0.470	0.999	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.583 (1)	0.583	4.99	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.132	0.132	4.99	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.142	0.142	4.99	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.441	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.186	0.186	0.996	1.00	0.186	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.149	0.149	4.98	1.00	0.149	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.148	0.148	4.98	0.100	0.0148	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.149	0.149	4.98	0.100	0.0149	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.158	0.158	4.98	0.100	0.0158	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.205	0.205	4.98	0.0100	0.00205	N/A	6056927
Octa CDD *	pg/g	1.67	0.274	9.96	0.000300	0.000501	N/A	6056927
Total Tetra CDD *	pg/g	<0.186	0.186	0.996	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.149	0.149	4.98	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.156	0.156	4.98	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.205	0.205	4.98	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.149	0.149	0.996	0.100	0.0149	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.161	0.161	4.98	0.0300	0.00483	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.150	0.150	4.98	0.300	0.0450	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.172	0.172	4.98	0.100	0.0172	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.179	0.179	4.98	0.100	0.0179	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.164	0.164	4.98	0.100	0.0164	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.175	0.175	4.98	0.100	0.0175	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6056927
Octa CDF **	pg/g	<0.245	0.245	9.96	0.000300	0.0000735	N/A	6056927
Total Tetra CDF **	pg/g	0.572	0.149	0.996	N/A	N/A	1	6056927
Total Penta CDF **	pg/g	<0.652 (1)	0.652	4.98	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	<0.172	0.172	4.98	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6056927
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.519	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	23	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) Recovery outside method acceptance criteria
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.98	1.00	0.109	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.336	0.102	4.98	0.0100	0.00336	N/A	6133366
Octa CDD *	pg/g	2.63	0.110	9.96	0.000300	0.000789	N/A	6133366
Total Tetra CDD *	pg/g	<0.109	0.109	0.996	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.109	0.109	4.98	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	<0.164 (1)	0.164	4.98	N/A	N/A	0	6133366
Total Hepta CDD *	pg/g	0.626	0.102	4.98	N/A	N/A	2	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.996	0.100	0.0114	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.98	0.0300	0.00318	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	<0.0991	0.0991	4.98	0.300	0.0297	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	0.154	0.116	4.98	0.100	0.0154	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.146	0.117	4.98	0.0100	0.00146	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.98	0.0100	0.00114	N/A	6133366
Octa CDF **	pg/g	0.474	0.118	9.96	0.000300	0.000142	N/A	6133366
Total Tetra CDF **	pg/g	<0.145 (1)	0.145	0.996	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	<0.103	0.103	4.98	N/A	N/A	0	6133366
Total Hexa CDF **	pg/g	0.154	0.115	4.98	N/A	N/A	1	6133366
Total Hepta CDF **	pg/g	0.146	0.115	4.98	N/A	N/A	1	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.353	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	122	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	31 (1)	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery does not meet method criteria

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.196	0.196	0.998	1.00	0.196	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.198	0.198	4.99	1.00	0.198	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.158	0.158	4.99	0.100	0.0158	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.159	0.159	4.99	0.100	0.0159	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.169	0.169	4.99	0.100	0.0169	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.183	0.183	4.99	0.0100	0.00183	N/A	6056927
Octa CDD *	pg/g	<0.410 (1)	0.410	9.98	0.000300	0.000123	N/A	6056927
Total Tetra CDD *	pg/g	<0.196	0.196	0.998	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.198	0.198	4.99	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.167	0.167	4.99	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.183	0.183	4.99	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.180	0.180	0.998	0.100	0.0180	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.160	0.160	4.99	0.0300	0.00480	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.149	0.149	4.99	0.300	0.0447	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.147	0.147	4.99	0.100	0.0147	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.153	0.153	4.99	0.100	0.0153	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.150	0.150	4.99	0.100	0.0150	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.167	0.167	4.99	0.0100	0.00167	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.159	0.159	4.99	0.0100	0.00159	N/A	6056927
Octa CDF **	pg/g	<0.200	0.200	9.98	0.000300	0.0000600	N/A	6056927
Total Tetra CDF **	pg/g	0.511	0.180	0.998	N/A	N/A	1	6056927
Total Penta CDF **	pg/g	0.887	0.154	4.99	N/A	N/A	1	6056927
Total Hexa CDF **	pg/g	<0.147	0.147	4.99	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.163	0.163	4.99	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.574	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.991	1.00	0.112	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.96	1.00	0.116	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.96	0.100	0.0101	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0988	0.0988	4.96	0.100	0.00988	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.324	0.106	4.96	0.0100	0.00324	N/A	6125075
Octa CDD *	pg/g	1.46	0.111	9.91	0.000300	0.000438	N/A	6125075
Total Tetra CDD *	pg/g	<0.112	0.112	0.991	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.116	0.116	4.96	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.180 (1)	0.180	4.96	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.834	0.106	4.96	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.116	0.102	0.991	0.100	0.0116	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.96	0.0300	0.00363	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	4.96	0.300	0.0339	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.96	0.100	0.0100	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.96	0.0100	0.00107	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.96	0.0100	0.00104	N/A	6125075
Octa CDF **	pg/g	<0.130 (1)	0.130	9.91	0.000300	0.0000390	N/A	6125075
Total Tetra CDF **	pg/g	0.241	0.102	0.991	N/A	N/A	2	6125075
Total Penta CDF **	pg/g	<0.346 (1)	0.346	4.96	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.105	0.105	4.96	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.997	1.00	0.110	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.99	1.00	0.118	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.324	0.112	4.99	0.0100	0.00324	N/A	6125075
Octa CDD *	pg/g	1.93	0.114	9.97	0.000300	0.000579	N/A	6125075
Total Tetra CDD *	pg/g	<0.110	0.110	0.997	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.230 (1)	0.230	4.99	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.324	0.112	4.99	N/A	N/A	1	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.997	0.100	0.0112	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.0300	0.00318	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.0992	0.0992	4.99	0.300	0.0298	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0981	0.0981	4.99	0.100	0.00981	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.99	0.0100	0.00116	N/A	6125075
Octa CDF **	pg/g	0.219	0.114	9.97	0.000300	0.0000657	N/A	6125075
Total Tetra CDF **	pg/g	0.122	0.112	0.997	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.267 (1)	0.267	4.99	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.101	0.101	4.99	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	120	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	128	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	173	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	159	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	163	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.996	1.00	0.112	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0998	0.0998	4.98	0.100	0.00998	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0975	0.0975	4.98	0.100	0.00975	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.252	0.104	4.98	0.0100	0.00252	N/A	6125075
Octa CDD *	pg/g	1.23	0.106	9.96	0.000300	0.000369	N/A	6125075
Total Tetra CDD *	pg/g	<0.112	0.112	0.996	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.116	0.102	4.98	N/A	N/A	1	6125075
Total Hepta CDD *	pg/g	0.667	0.104	4.98	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.996	0.100	0.0104	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.98	0.0300	0.00369	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.300	0.0342	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0998	0.0998	4.98	0.100	0.00998	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.98	0.0100	0.00111	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6125075
Octa CDF **	pg/g	<0.109	0.109	9.96	0.000300	0.0000327	N/A	6125075
Total Tetra CDF **	pg/g	<0.104	0.104	0.996	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.233 (1)	0.233	4.98	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.103	0.103	4.98	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.109	0.109	4.98	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	121	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	118	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	123	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.994	1.00	0.108	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	4.97	1.00	0.113	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.331 (1)	0.331	4.97	0.0100	0.00331	N/A	6125075
Octa CDD *	pg/g	1.98	0.110	9.94	0.000300	0.000594	N/A	6125075
Total Tetra CDD *	pg/g	<0.108	0.108	0.994	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.113	0.113	4.97	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.249 (1)	0.249	4.97	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.687	0.113	4.97	N/A	N/A	1	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.994	0.100	0.0115	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.97	0.0300	0.00348	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.300	0.0324	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.97	0.0100	0.00107	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.97	0.0100	0.00104	N/A	6125075
Octa CDF **	pg/g	<0.110	0.110	9.94	0.000300	0.0000330	N/A	6125075
Total Tetra CDF **	pg/g	<0.115	0.115	0.994	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.219 (1)	0.219	4.97	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.111	0.111	4.97	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.350	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	145	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	139	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	144	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.997	1.00	0.112	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.164	0.116	4.98	0.0100	0.00164	N/A	6133366
Octa CDD *	pg/g	1.04	0.117	9.97	0.000300	0.000312	N/A	6133366
Total Tetra CDD *	pg/g	<0.112	0.112	0.997	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	<0.184 (1)	0.184	4.98	N/A	N/A	0	6133366
Total Hepta CDD *	pg/g	0.164	0.116	4.98	N/A	N/A	1	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.997	0.100	0.0102	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.98	0.0300	0.00366	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.300	0.0342	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.98	0.0100	0.00107	N/A	6133366
Octa CDF **	pg/g	<0.143 (1)	0.143	9.97	0.000300	0.0000429	N/A	6133366
Total Tetra CDF **	pg/g	<0.106 (1)	0.106	0.997	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6133366
Total Hexa CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6133366
Total Hepta CDF **	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.361	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.206	0.206	0.997	1.00	0.206	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.172	0.172	4.98	0.100	0.0172	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.173	0.173	4.98	0.100	0.0173	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.183	0.183	4.98	0.100	0.0183	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.218	0.218	4.98	0.0100	0.00218	N/A	6056927
Octa CDD *	pg/g	<0.342	0.342	9.97	0.000300	0.000103	N/A	6056927
Total Tetra CDD *	pg/g	<0.206	0.206	0.997	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.181	0.181	4.98	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.218	0.218	4.98	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.294	0.294	0.997	0.100	0.0294	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.188	0.188	4.98	0.0300	0.00564	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.175	0.175	4.98	0.300	0.0525	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.169	0.169	4.98	0.100	0.0169	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.176	0.176	4.98	0.100	0.0176	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.161	0.161	4.98	0.100	0.0161	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.172	0.172	4.98	0.100	0.0172	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.98	0.0100	0.00120	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	6056927
Octa CDF **	pg/g	<0.237	0.237	9.97	0.000300	0.0000711	N/A	6056927
Total Tetra CDF **	pg/g	<0.294	0.294	0.997	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	0.332	0.181	4.98	N/A	N/A	1	6056927
Total Hexa CDF **	pg/g	<0.169	0.169	4.98	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.534	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.255	0.255	0.989	1.00	0.255	N/A	6056927
1,2,3,7,8-Penta CDD *	pg/g	<0.305	0.305	4.95	1.00	0.305	N/A	6056927
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.228	0.228	4.95	0.100	0.0228	N/A	6056927
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.230	0.230	4.95	0.100	0.0230	N/A	6056927
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.243	0.243	4.95	0.100	0.0243	N/A	6056927
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.231	0.231	4.95	0.0100	0.00231	N/A	6056927
Octa CDD *	pg/g	<0.377	0.377	9.89	0.000300	0.000113	N/A	6056927
Total Tetra CDD *	pg/g	<0.255	0.255	0.989	N/A	N/A	0	6056927
Total Penta CDD *	pg/g	<0.305	0.305	4.95	N/A	N/A	0	6056927
Total Hexa CDD *	pg/g	<0.240	0.240	4.95	N/A	N/A	0	6056927
Total Hepta CDD *	pg/g	<0.231	0.231	4.95	N/A	N/A	0	6056927
2,3,7,8-Tetra CDF **	pg/g	<0.324	0.324	0.989	0.100	0.0324	N/A	6056927
1,2,3,7,8-Penta CDF **	pg/g	<0.250	0.250	4.95	0.0300	0.00750	N/A	6056927
2,3,4,7,8-Penta CDF **	pg/g	<0.233	0.233	4.95	0.300	0.0699	N/A	6056927
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.192	0.192	4.95	0.100	0.0192	N/A	6056927
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.201	0.201	4.95	0.100	0.0201	N/A	6056927
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.183	0.183	4.95	0.100	0.0183	N/A	6056927
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.197	0.197	4.95	0.100	0.0197	N/A	6056927
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.208	0.208	4.95	0.0100	0.00208	N/A	6056927
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.198	0.198	4.95	0.0100	0.00198	N/A	6056927
Octa CDF **	pg/g	<0.311	0.311	9.89	0.000300	0.0000933	N/A	6056927
Total Tetra CDF **	pg/g	<0.324	0.324	0.989	N/A	N/A	0	6056927
Total Penta CDF **	pg/g	<0.307 (1)	0.307	4.95	N/A	N/A	0	6056927
Total Hexa CDF **	pg/g	<0.193	0.193	4.95	N/A	N/A	0	6056927
Total Hepta CDF **	pg/g	<0.203	0.203	4.95	N/A	N/A	0	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.824	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	114	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234678 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-123478 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6056927
C13-1234789 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6056927
C13-123678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-12378 PentaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6056927
C13-123789 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6056927
C13-234678 HexaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6056927
C13-23478 PentaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6056927
C13-2378 TetraCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6056927
C13-OCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6056927

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.185	0.185	0.996	1.00	0.185	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.234	0.234	4.98	1.00	0.234	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.273	0.273	4.98	0.100	0.0273	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.276	0.276	4.98	0.100	0.0276	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.292	0.292	4.98	0.100	0.0292	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.477	0.477	4.98	0.0100	0.00477	N/A	6065797
Octa CDD *	pg/g	1.36	0.327	9.96	0.000300	0.000408	N/A	6065797
Total Tetra CDD *	pg/g	<0.185	0.185	0.996	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.234	0.234	4.98	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.288	0.288	4.98	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.477	0.477	4.98	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.179	0.179	0.996	0.100	0.0179	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.159	0.159	4.98	0.0300	0.00477	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.148	0.148	4.98	0.300	0.0444	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.303	0.303	4.98	0.100	0.0303	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.316	0.316	4.98	0.100	0.0316	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.289	0.289	4.98	0.100	0.0289	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.309	0.309	4.98	0.100	0.0309	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.371	0.371	4.98	0.0100	0.00371	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.354	0.354	4.98	0.0100	0.00354	N/A	6065797
Octa CDF **	pg/g	0.918	0.231	9.96	0.000300	0.000275	N/A	6065797
Total Tetra CDF **	pg/g	<0.179	0.179	0.996	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.153	0.153	4.98	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.304	0.304	4.98	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.362	0.362	4.98	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.705	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.270	0.270	0.988	1.00	0.270	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.319	0.319	4.94	1.00	0.319	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.247	0.247	4.94	0.100	0.0247	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.249	0.249	4.94	0.100	0.0249	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.263	0.263	4.94	0.100	0.0263	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.354	0.354	4.94	0.0100	0.00354	N/A	6065797
Octa CDD *	pg/g	<0.341	0.341	9.88	0.000300	0.000102	N/A	6065797
Total Tetra CDD *	pg/g	<0.270	0.270	0.988	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.319	0.319	4.94	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.261	0.261	4.94	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.354	0.354	4.94	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.288	0.288	0.988	0.100	0.0288	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.355	0.355	4.94	0.0300	0.0107	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.331	0.331	4.94	0.300	0.0993	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.325	0.325	4.94	0.100	0.0325	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.340	0.340	4.94	0.100	0.0340	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.310	0.310	4.94	0.100	0.0310	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.332	0.332	4.94	0.100	0.0332	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.286	0.286	4.94	0.0100	0.00286	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.272	0.272	4.94	0.0100	0.00272	N/A	6065797
Octa CDF **	pg/g	<0.316	0.316	9.88	0.000300	0.0000948	N/A	6065797
Total Tetra CDF **	pg/g	<0.288	0.288	0.988	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.342	0.342	4.94	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.326	0.326	4.94	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.279	0.279	4.94	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.944	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	61	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.177	0.177	0.982	1.00	0.177	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.165	0.165	4.91	1.00	0.165	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.234	0.234	4.91	0.100	0.0234	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.236	0.236	4.91	0.100	0.0236	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.249	0.249	4.91	0.100	0.0249	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.261	0.261	4.91	0.0100	0.00261	N/A	6065797
Octa CDD *	pg/g	<0.679 (1)	0.679	9.82	0.000300	0.000204	N/A	6065797
Total Tetra CDD *	pg/g	<0.177	0.177	0.982	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.165	0.165	4.91	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.247	0.247	4.91	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.261	0.261	4.91	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.282	0.282	0.982	0.100	0.0282	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.244	0.244	4.91	0.0300	0.00732	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.228	0.228	4.91	0.300	0.0684	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.257	0.257	4.91	0.100	0.0257	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.268	0.268	4.91	0.100	0.0268	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.245	0.245	4.91	0.100	0.0245	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.262	0.262	4.91	0.100	0.0262	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.231	0.231	4.91	0.0100	0.00231	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.220	0.220	4.91	0.0100	0.00220	N/A	6065797
Octa CDF **	pg/g	<0.241	0.241	9.82	0.000300	0.0000723	N/A	6065797
Total Tetra CDF **	pg/g	<0.282	0.282	0.982	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.236	0.236	4.91	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.258	0.258	4.91	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.226	0.226	4.91	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.628	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.153	0.153	0.997	1.00	0.153	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.162	0.162	4.98	1.00	0.162	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.187	0.187	4.98	0.100	0.0187	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.189	0.189	4.98	0.100	0.0189	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.200	0.200	4.98	0.100	0.0200	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.175	0.175	4.98	0.0100	0.00175	N/A	6065797
Octa CDD *	pg/g	<0.348	0.348	9.97	0.000300	0.000104	N/A	6065797
Total Tetra CDD *	pg/g	<0.153	0.153	0.997	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.162	0.162	4.98	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.197	0.197	4.98	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.175	0.175	4.98	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.192	0.192	0.997	0.100	0.0192	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.170	0.170	4.98	0.0300	0.00510	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.159	0.159	4.98	0.300	0.0477	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.235	0.235	4.98	0.100	0.0235	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.245	0.245	4.98	0.100	0.0245	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.224	0.224	4.98	0.100	0.0224	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.240	0.240	4.98	0.100	0.0240	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.149	0.149	4.98	0.0100	0.00149	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.98	0.0100	0.00142	N/A	6065797
Octa CDF **	pg/g	<0.255	0.255	9.97	0.000300	0.0000765	N/A	6065797
Total Tetra CDF **	pg/g	<0.192	0.192	0.997	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.164	0.164	4.98	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.236	0.236	4.98	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.145	0.145	4.98	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.544	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.222	0.222	0.982	1.00	0.222	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.224	0.224	4.91	1.00	0.224	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.181	0.181	4.91	0.100	0.0181	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.182	0.182	4.91	0.100	0.0182	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.193	0.193	4.91	0.100	0.0193	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.281	0.281	4.91	0.0100	0.00281	N/A	6065797
Octa CDD *	pg/g	<0.219	0.219	9.82	0.000300	0.0000657	N/A	6065797
Total Tetra CDD *	pg/g	<0.222	0.222	0.982	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.224	0.224	4.91	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.191	0.191	4.91	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.281	0.281	4.91	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.264	0.264	0.982	0.100	0.0264	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.208	0.208	4.91	0.0300	0.00624	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.194	0.194	4.91	0.300	0.0582	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.177	0.177	4.91	0.100	0.0177	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.185	0.185	4.91	0.100	0.0185	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.169	0.169	4.91	0.100	0.0169	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.181	0.181	4.91	0.100	0.0181	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.231	0.231	4.91	0.0100	0.00231	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.221	0.221	4.91	0.0100	0.00221	N/A	6065797
Octa CDF **	pg/g	<0.229	0.229	9.82	0.000300	0.0000687	N/A	6065797
Total Tetra CDF **	pg/g	<0.264	0.264	0.982	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.201	0.201	4.91	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.178	0.178	4.91	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.226	0.226	4.91	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.671	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.989	1.00	0.111	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.94	1.00	0.112	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.94	0.100	0.0105	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.94	0.100	0.0107	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.94	0.100	0.0106	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.94	0.0100	0.00104	N/A	5976161
Octa CDD *	pg/g	<0.107	0.107	9.89	0.000300	0.0000321	N/A	5976161
Total Tetra CDD *	pg/g	<0.111	0.111	0.989	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.112	0.112	4.94	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.106	0.106	4.94	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.104	0.104	4.94	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.989	0.100	0.0117	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.94	0.0300	0.00357	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.94	0.300	0.0312	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.94	0.100	0.0110	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.94	0.100	0.0116	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.94	0.100	0.0107	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.94	0.100	0.0116	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0880	0.0880	4.94	0.0100	0.000880	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0853	0.0853	4.94	0.0100	0.000853	N/A	5976161
Octa CDF **	pg/g	<0.109	0.109	9.89	0.000300	0.0000327	N/A	5976161
Total Tetra CDF **	pg/g	<0.117	0.117	0.989	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.111	0.111	4.94	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.112	0.112	4.94	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.0866	0.0866	4.94	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.963	1.00	0.102	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.82	1.00	0.105	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.82	0.100	0.0111	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.82	0.100	0.0113	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.82	0.100	0.0112	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.605	0.110	4.82	0.0100	0.00605	N/A	5976161
Octa CDD *	pg/g	2.86	0.107	9.63	0.000300	0.000858	N/A	5976161
Total Tetra CDD *	pg/g	<0.102	0.102	0.963	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.105	0.105	4.82	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.113	0.113	4.82	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	0.932	0.110	4.82	N/A	N/A	2	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.963	0.100	0.0102	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.82	0.0300	0.00342	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.82	0.300	0.0303	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.82	0.100	0.0103	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.82	0.100	0.0109	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.82	0.100	0.0101	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.82	0.100	0.0108	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.148 (1)	0.148	4.82	0.0100	0.00148	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.82	0.0100	0.00104	N/A	5976161
Octa CDF **	pg/g	0.451	0.105	9.63	0.000300	0.000135	N/A	5976161
Total Tetra CDF **	pg/g	<0.102	0.102	0.963	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.107	0.107	4.82	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.105	0.105	4.82	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.252 (1)	0.252	4.82	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.336	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	83	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.963	1.00	0.113	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.81	1.00	0.110	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0975	0.0975	4.81	0.100	0.00975	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0988	0.0988	4.81	0.100	0.00988	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0979	0.0979	4.81	0.100	0.00979	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0985	0.0985	4.81	0.0100	0.000985	N/A	5976161
Octa CDD *	pg/g	0.477	0.105	9.63	0.000300	0.000143	N/A	5976161
Total Tetra CDD *	pg/g	<0.113	0.113	0.963	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.110	0.110	4.81	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.0986	0.0986	4.81	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.0985	0.0985	4.81	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.963	0.100	0.0102	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.81	0.0300	0.00354	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.81	0.300	0.0312	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.81	0.100	0.0111	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.81	0.100	0.0102	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.81	0.100	0.0110	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.81	0.0100	0.00110	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.81	0.0100	0.00107	N/A	5976161
Octa CDF **	pg/g	<0.104	0.104	9.63	0.000300	0.0000312	N/A	5976161
Total Tetra CDF **	pg/g	<0.102	0.102	0.963	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.111	0.111	4.81	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.107	0.107	4.81	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.108	0.108	4.81	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	69	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.984	1.00	0.117	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.92	1.00	0.108	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.92	0.100	0.0109	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.92	0.100	0.0110	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.92	0.100	0.0109	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.92	0.0100	0.00105	N/A	5976161
Octa CDD *	pg/g	<0.109	0.109	9.84	0.000300	0.0000327	N/A	5976161
Total Tetra CDD *	pg/g	<0.117	0.117	0.984	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.108	0.108	4.92	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.110	0.110	4.92	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.105	0.105	4.92	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.984	0.100	0.0112	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.92	0.0300	0.00363	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.92	0.300	0.0321	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.92	0.100	0.0113	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.92	0.100	0.0120	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.92	0.100	0.0111	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.92	0.100	0.0120	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.92	0.0100	0.00118	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.92	0.0100	0.00114	N/A	5976161
Octa CDF **	pg/g	<0.106	0.106	9.84	0.000300	0.0000318	N/A	5976161
Total Tetra CDF **	pg/g	<0.112	0.112	0.984	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.113	0.113	4.92	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.116	0.116	4.92	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.116	0.116	4.92	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	77	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.986	1.00	0.110	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.93	1.00	0.109	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0978	0.0978	4.93	0.100	0.00978	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0991	0.0991	4.93	0.100	0.00991	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0982	0.0982	4.93	0.100	0.00982	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.114	0.114	4.93	0.0100	0.00114	N/A	5976161
Octa CDD *	pg/g	<0.111	0.111	9.86	0.000300	0.0000333	N/A	5976161
Total Tetra CDD *	pg/g	<0.110	0.110	0.986	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.109	0.109	4.93	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.0989	0.0989	4.93	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.114	0.114	4.93	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.986	0.100	0.0115	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.93	0.0300	0.00363	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.93	0.300	0.0321	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.93	0.100	0.0112	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.93	0.100	0.0119	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.93	0.100	0.0110	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.93	0.100	0.0119	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0690	0.0690	4.93	0.0100	0.000690	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0669	0.0669	4.93	0.0100	0.000669	N/A	5976161
Octa CDF **	pg/g	<0.100	0.100	9.86	0.000300	0.0000300	N/A	5976161
Total Tetra CDF **	pg/g	<0.115	0.115	0.986	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.114	0.114	4.93	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.115	0.115	4.93	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.0680	0.0680	4.93	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.344	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	50	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	43	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	67	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.996	1.00	0.119	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.98	1.00	0.111	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0997	0.0997	4.98	0.100	0.00997	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.98	0.100	0.0100	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	5976161
Octa CDD *	pg/g	0.483	0.112	9.96	0.000300	0.000145	N/A	5976161
Total Tetra CDD *	pg/g	<0.119	0.119	0.996	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.101	0.101	4.98	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<1.04	1.04	0.996	0.100	0.104	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.127	0.127	4.98	0.0300	0.00381	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.98	0.300	0.0336	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0909	0.0909	4.98	0.100	0.00909	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0964	0.0964	4.98	0.100	0.00964	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0891	0.0891	4.98	0.100	0.00891	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0959	0.0959	4.98	0.100	0.00959	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.105	0.105	4.98	0.0100	0.00105	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.98	0.0100	0.00102	N/A	5976161
Octa CDF **	pg/g	<0.107	0.107	9.96	0.000300	0.0000321	N/A	5976161
Total Tetra CDF **	pg/g	<0.103	0.103	0.996	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.0929	0.0929	4.98	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.103	0.103	4.98	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.442	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	91	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.976	1.00	0.116	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	4.88	1.00	0.113	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.88	0.100	0.0101	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.88	0.100	0.0102	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.88	0.100	0.0101	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.102	0.102	4.88	0.0100	0.00102	N/A	5976161
Octa CDD *	pg/g	<0.104	0.104	9.76	0.000300	0.0000312	N/A	5976161
Total Tetra CDD *	pg/g	<0.116	0.116	0.976	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.113	0.113	4.88	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.102	0.102	4.88	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.102	0.102	4.88	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.976	0.100	0.0103	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.88	0.0300	0.00321	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.0941	0.0941	4.88	0.300	0.0282	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.88	0.100	0.0105	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.88	0.100	0.0112	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.88	0.100	0.0103	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.88	0.100	0.0111	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.88	0.0100	0.00102	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0987	0.0987	4.88	0.0100	0.000987	N/A	5976161
Octa CDF **	pg/g	<0.104	0.104	9.76	0.000300	0.0000312	N/A	5976161
Total Tetra CDF **	pg/g	<0.103	0.103	0.976	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.100	0.100	4.88	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.108	0.108	4.88	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.100	0.100	4.88	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.347	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.994	1.00	0.101	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.137	0.137	4.97	1.00	0.137	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.143	0.143	4.97	0.0100	0.00143	N/A	5976161
Octa CDD *	pg/g	<0.127	0.127	9.94	0.000300	0.0000381	N/A	5976161
Total Tetra CDD *	pg/g	<0.101	0.101	0.994	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.137	0.137	4.97	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.117	0.117	4.97	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.143	0.143	4.97	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.149	0.149	0.994	0.100	0.0149	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.153	0.153	4.97	0.0300	0.00459	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.135	0.135	4.97	0.300	0.0405	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.97	0.100	0.00989	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0969	0.0969	4.97	0.100	0.00969	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.125	0.125	4.97	0.0100	0.00125	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.121	0.121	4.97	0.0100	0.00121	N/A	5976161
Octa CDF **	pg/g	<0.142	0.142	9.94	0.000300	0.0000426	N/A	5976161
Total Tetra CDF **	pg/g	<0.149	0.149	0.994	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.144	0.144	4.97	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.101	0.101	4.97	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.123	0.123	4.97	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.377	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	50	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	44	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	64	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.139	0.139	0.984	1.00	0.139	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.92	1.00	0.112	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.92	0.100	0.0115	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.92	0.100	0.0116	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.92	0.100	0.0115	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.214	0.136	4.92	0.0100	0.00214	N/A	5976161
Octa CDD *	pg/g	0.353	0.141	9.84	0.000300	0.000106	N/A	5976161
Total Tetra CDD *	pg/g	<0.139	0.139	0.984	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.112	0.112	4.92	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.116	0.116	4.92	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	0.214	0.136	4.92	N/A	N/A	1	5976161
2,3,7,8-Tetra CDF **	pg/g	0.264	0.127	0.984	0.100	0.0264	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.161	0.161	4.92	0.0300	0.00483	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.141	0.141	4.92	0.300	0.0423	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.166 (1)	0.166	4.92	0.100	0.0166	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.92	0.100	0.0122	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.92	0.100	0.0113	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.92	0.100	0.0122	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.203 (2)	0.203	4.92	0.0100	0.00203	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.125	0.125	4.92	0.0100	0.00125	N/A	5976161
Octa CDF **	pg/g	<0.234 (1)	0.234	9.84	0.000300	0.0000702	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Tetra CDF **	pg/g	0.264	0.127	0.984	N/A	N/A	1	5976161
Total Penta CDF **	pg/g	<0.192 (1)	0.192	4.92	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.170 (1)	0.170	4.92	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.227 (2)	0.227	4.92	N/A	N/A	0	5976161
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.417	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.133	0.133	0.967	1.00	0.133	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.131	0.131	4.84	1.00	0.131	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.84	0.100	0.0114	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.84	0.100	0.0115	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.114	0.114	4.84	0.100	0.0114	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.84	0.0100	0.00103	N/A	5976161
Octa CDD *	pg/g	<0.128	0.128	9.67	0.000300	0.0000384	N/A	5976161
Total Tetra CDD *	pg/g	<0.133	0.133	0.967	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.131	0.131	4.84	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.115	0.115	4.84	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.103	0.103	4.84	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	0.183	0.136	0.967	0.100	0.0183	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.84	0.0300	0.00339	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.0992	0.0992	4.84	0.300	0.0298	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.84	0.100	0.0106	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.84	0.100	0.0113	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.84	0.100	0.0104	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.84	0.100	0.0112	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0768	0.0768	4.84	0.0100	0.000768	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0744	0.0744	4.84	0.0100	0.000744	N/A	5976161
Octa CDF **	pg/g	<0.121	0.121	9.67	0.000300	0.0000363	N/A	5976161
Total Tetra CDF **	pg/g	0.183	0.136	0.967	N/A	N/A	1	5976161
Total Penta CDF **	pg/g	<0.106	0.106	4.84	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.109	0.109	4.84	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.0756	0.0756	4.84	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.396	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.979	1.00	0.115	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.101	0.101	4.89	1.00	0.101	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0969	0.0969	4.89	0.100	0.00969	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0981	0.0981	4.89	0.100	0.00981	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0972	0.0972	4.89	0.100	0.00972	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0829	0.0829	4.89	0.0100	0.000829	N/A	5976161
Octa CDD *	pg/g	<0.116	0.116	9.79	0.000300	0.0000348	N/A	5976161
Total Tetra CDD *	pg/g	<0.115	0.115	0.979	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.101	0.101	4.89	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.0979	0.0979	4.89	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.0829	0.0829	4.89	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.127	0.127	0.979	0.100	0.0127	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.89	0.0300	0.00339	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.0994	0.0994	4.89	0.300	0.0298	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0788	0.0788	4.89	0.100	0.00788	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0836	0.0836	4.89	0.100	0.00836	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0772	0.0772	4.89	0.100	0.00772	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0832	0.0832	4.89	0.100	0.00832	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.89	0.0100	0.00102	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0985	0.0985	4.89	0.0100	0.000985	N/A	5976161
Octa CDF **	pg/g	<0.112	0.112	9.79	0.000300	0.0000336	N/A	5976161
Total Tetra CDF **	pg/g	<0.127	0.127	0.979	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.106	0.106	4.89	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.0806	0.0806	4.89	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.100	0.100	4.89	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.326	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	79	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.969	1.00	0.107	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.84	1.00	0.106	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.84	0.100	0.0114	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	0.126	0.112	4.84	0.100	0.0126	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.127 (1)	0.127	4.84	0.100	0.0127	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.137 (1)	0.137	4.84	0.0100	0.00137	N/A	5976161
Octa CDD *	pg/g	0.374	0.110	9.69	0.000300	0.000112	N/A	5976161
Total Tetra CDD *	pg/g	<0.282 (1)	0.282	0.969	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.206 (1)	0.206	4.84	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	0.126	0.115	4.84	N/A	N/A	1	5976161
Total Hepta CDD *	pg/g	<0.137 (1)	0.137	4.84	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.969	0.100	0.0108	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.84	0.0300	0.00339	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.84	0.300	0.0318	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	0.114	0.108	4.84	0.100	0.0114	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	0.114	0.108	4.84	0.100	0.0114	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.84	0.100	0.0101	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.132 (1)	0.132	4.84	0.100	0.0132	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.84	0.0100	0.00108	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.84	0.0100	0.00105	N/A	5976161
Octa CDF **	pg/g	0.181	0.115	9.69	0.000300	0.0000543	N/A	5976161
Total Tetra CDF **	pg/g	<0.108	0.108	0.969	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.109	0.109	4.84	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	0.228	0.106	4.84	N/A	N/A	2	5976161
Total Hepta CDF **	pg/g	<0.106	0.106	4.84	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	95	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.973	1.00	0.102	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.87	1.00	0.115	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.87	0.100	0.0102	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.87	0.100	0.0100	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.87	0.100	0.0102	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107	0.107	4.87	0.0100	0.00107	N/A	5976161
Octa CDD *	pg/g	<0.279	0.279	9.73	0.000300	0.0000837	N/A	5976161
Total Tetra CDD *	pg/g	<0.279 (1)	0.279	0.973	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.115	0.115	4.87	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.597 (1)	0.597	4.87	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.107	0.107	4.87	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	0.152	0.103	0.973	0.100	0.0152	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.87	0.0300	0.00312	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.0975	0.0975	4.87	0.300	0.0293	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.87	0.100	0.0116	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.87	0.100	0.0116	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.87	0.100	0.0109	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.87	0.100	0.0118	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.87	0.0100	0.00116	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.87	0.0100	0.00112	N/A	5976161
Octa CDF **	pg/g	<0.139	0.139	9.73	0.000300	0.0000417	N/A	5976161
Total Tetra CDF **	pg/g	0.152	0.103	0.973	N/A	N/A	1	5976161
Total Penta CDF **	pg/g	<0.101	0.101	4.87	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.115	0.115	4.87	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.114	0.114	4.87	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.344	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	57	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	57	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	62	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.972	1.00	0.102	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.86	1.00	0.106	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0996	0.0996	4.86	0.100	0.00996	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.86	0.100	0.0101	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.86	0.100	0.0100	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107	0.107	4.86	0.0100	0.00107	N/A	5976161
Octa CDD *	pg/g	<0.107	0.107	9.72	0.000300	0.0000321	N/A	5976161
Total Tetra CDD *	pg/g	<0.102	0.102	0.972	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.106	0.106	4.86	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.101	0.101	4.86	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.107	0.107	4.86	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.972	0.100	0.0112	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.86	0.0300	0.00360	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.86	0.300	0.0315	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.86	0.100	0.0107	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.86	0.100	0.0113	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.86	0.100	0.0105	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.86	0.100	0.0113	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.86	0.0100	0.00113	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.86	0.0100	0.00110	N/A	5976161
Octa CDF **	pg/g	<0.104	0.104	9.72	0.000300	0.0000312	N/A	5976161
Total Tetra CDF **	pg/g	<0.112	0.112	0.972	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.112	0.112	4.86	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.109	0.109	4.86	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.112	0.112	4.86	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.332	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.992	1.00	0.107	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.96	1.00	0.116	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.96	0.100	0.0100	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0983	0.0983	4.96	0.100	0.00983	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.96	0.100	0.0100	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.96	0.0100	0.00104	N/A	5976161
Octa CDD *	pg/g	0.336	0.115	9.92	0.000300	0.000101	N/A	5976161
Total Tetra CDD *	pg/g	<0.142	0.142	0.992	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.116	0.116	4.96	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.334	0.334	4.96	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.104	0.104	4.96	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	0.164	0.105	0.992	0.100	0.0164	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.96	0.0300	0.00354	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.96	0.300	0.0333	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.96	0.100	0.0114	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.96	0.0100	0.00108	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.96	0.0100	0.00104	N/A	5976161
Octa CDF **	pg/g	<0.109	0.109	9.92	0.000300	0.0000327	N/A	5976161
Total Tetra CDF **	pg/g	0.313	0.105	0.992	N/A	N/A	2	5976161
Total Penta CDF **	pg/g	<0.114	0.114	4.96	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.112	0.112	4.96	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.106	0.106	4.96	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.354	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	120	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	120	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	117	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.977	1.00	0.107	N/A	5976161
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.88	1.00	0.112	N/A	5976161
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.88	0.100	0.0106	N/A	5976161
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.88	0.100	0.0104	N/A	5976161
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.88	0.100	0.0106	N/A	5976161
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.88	0.0100	0.00106	N/A	5976161
Octa CDD *	pg/g	<0.114	0.114	9.77	0.000300	0.0000342	N/A	5976161
Total Tetra CDD *	pg/g	<0.189 (1)	0.189	0.977	N/A	N/A	0	5976161
Total Penta CDD *	pg/g	<0.112	0.112	4.88	N/A	N/A	0	5976161
Total Hexa CDD *	pg/g	<0.297 (1)	0.297	4.88	N/A	N/A	0	5976161
Total Hepta CDD *	pg/g	<0.106	0.106	4.88	N/A	N/A	0	5976161
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.977	0.100	0.0102	N/A	5976161
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.88	0.0300	0.00321	N/A	5976161
2,3,4,7,8-Penta CDF **	pg/g	<0.0998	0.0998	4.88	0.300	0.0299	N/A	5976161
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.88	0.100	0.0118	N/A	5976161
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.88	0.100	0.0118	N/A	5976161
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.88	0.100	0.0111	N/A	5976161
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.88	0.100	0.0119	N/A	5976161
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0937	0.0937	4.88	0.0100	0.000937	N/A	5976161
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0905	0.0905	4.88	0.0100	0.000905	N/A	5976161
Octa CDF **	pg/g	<0.116	0.116	9.77	0.000300	0.0000348	N/A	5976161
Total Tetra CDF **	pg/g	<0.102	0.102	0.977	N/A	N/A	0	5976161
Total Penta CDF **	pg/g	<0.103	0.103	4.88	N/A	N/A	0	5976161
Total Hexa CDF **	pg/g	<0.116	0.116	4.88	N/A	N/A	0	5976161
Total Hepta CDF **	pg/g	<0.0921	0.0921	4.88	N/A	N/A	0	5976161

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234678 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	5976161
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-1234789 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	5976161
C13-123678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	5976161
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5976161
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5976161
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	5976161
C13-23478 PentaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	5976161
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	5976161
C13-OCDD *	%	105	N/A	N/A	N/A	N/A	N/A	5976161

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.210	0.210	0.966	1.00	0.210	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.126	0.126	4.83	1.00	0.126	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.192	0.192	4.83	0.100	0.0192	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.193	0.193	4.83	0.100	0.0193	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.204	0.204	4.83	0.100	0.0204	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.234	0.234	4.83	0.0100	0.00234	N/A	6065797
Octa CDD *	pg/g	<0.262	0.262	9.66	0.000300	0.0000786	N/A	6065797
Total Tetra CDD *	pg/g	<0.210	0.210	0.966	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.126	0.126	4.83	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.202	0.202	4.83	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.234	0.234	4.83	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.148	0.148	0.966	0.100	0.0148	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.209	0.209	4.83	0.0300	0.00627	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.194	0.194	4.83	0.300	0.0582	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.158	0.158	4.83	0.100	0.0158	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.165	0.165	4.83	0.100	0.0165	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.150	0.150	4.83	0.100	0.0150	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.161	0.161	4.83	0.100	0.0161	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.159	0.159	4.83	0.0100	0.00159	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.152	0.152	4.83	0.0100	0.00152	N/A	6065797
Octa CDF **	pg/g	<0.116	0.116	9.66	0.000300	0.0000348	N/A	6065797
Total Tetra CDF **	pg/g	<0.148	0.148	0.966	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.201	0.201	4.83	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.158	0.158	4.83	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.155	0.155	4.83	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.543	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.998	1.00	0.112	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.99	1.00	0.117	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	0.131	0.113	4.99	0.100	0.0131	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.196	0.109	4.99	0.0100	0.00196	N/A	6125075
Octa CDD *	pg/g	0.373	0.103	9.98	0.000300	0.000112	N/A	6125075
Total Tetra CDD *	pg/g	<0.112	0.112	0.998	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.319	0.115	4.99	N/A	N/A	2	6125075
Total Hepta CDD *	pg/g	0.336	0.109	4.99	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.157	0.108	0.998	0.100	0.0157	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.0300	0.00324	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.99	0.300	0.0303	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.99	0.0100	0.00114	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6125075
Octa CDF **	pg/g	0.157	0.104	9.98	0.000300	0.0000471	N/A	6125075
Total Tetra CDF **	pg/g	0.157	0.108	0.998	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.104	0.104	4.99	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.362	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	144	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	137	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	140	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.999	1.00	0.106	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	0.132	0.115	4.99	0.100	0.0132	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.188	0.118	4.99	0.0100	0.00188	N/A	6125075
Octa CDD *	pg/g	0.341	0.104	9.99	0.000300	0.000102	N/A	6125075
Total Tetra CDD *	pg/g	<0.106	0.106	0.999	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.286	0.118	4.99	N/A	N/A	2	6125075
Total Hepta CDD *	pg/g	0.317	0.118	4.99	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.224	0.111	0.999	0.100	0.0224	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	0.181	0.123	4.99	0.0300	0.00543	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.115	0.115	4.99	0.300	0.0345	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	0.120	0.110	4.99	0.100	0.0120	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.122	0.115	4.99	0.0100	0.00122	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6125075
Octa CDF **	pg/g	0.192	0.111	9.99	0.000300	0.0000576	N/A	6125075
Total Tetra CDF **	pg/g	0.420	0.111	0.999	N/A	N/A	2	6125075
Total Penta CDF **	pg/g	0.341	0.119	4.99	N/A	N/A	2	6125075
Total Hexa CDF **	pg/g	0.120	0.107	4.99	N/A	N/A	1	6125075
Total Hepta CDF **	pg/g	0.122	0.114	4.99	N/A	N/A	1	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.364	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.996	1.00	0.111	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.98	1.00	0.103	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	0.163	0.103	4.98	0.100	0.0163	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.226	0.110	4.98	0.0100	0.00226	N/A	6125075
Octa CDD *	pg/g	0.365	0.110	9.96	0.000300	0.000110	N/A	6125075
Total Tetra CDD *	pg/g	0.118	0.111	0.996	N/A	N/A	1	6125075
Total Penta CDD *	pg/g	<0.103	0.103	4.98	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.415	0.105	4.98	N/A	N/A	2	6125075
Total Hepta CDD *	pg/g	0.424	0.110	4.98	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.168	0.119	0.996	0.100	0.0168	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.98	0.0300	0.00360	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.98	0.300	0.0336	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	6125075
Octa CDF **	pg/g	0.126	0.103	9.96	0.000300	0.0000378	N/A	6125075
Total Tetra CDF **	pg/g	0.437	0.119	0.996	N/A	N/A	3	6125075
Total Penta CDF **	pg/g	<0.116	0.116	4.98	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.116	0.116	4.98	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	144	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	132	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	151	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.270	0.270	0.999	1.00	0.270	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.331	0.331	4.99	1.00	0.331	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.321	0.321	4.99	0.100	0.0321	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.324	0.324	4.99	0.100	0.0324	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.342	0.342	4.99	0.100	0.0342	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.259	0.259	4.99	0.0100	0.00259	N/A	6065797
Octa CDD *	pg/g	<0.353	0.353	9.99	0.000300	0.000106	N/A	6065797
Total Tetra CDD *	pg/g	<0.270	0.270	0.999	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.331	0.331	4.99	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.338	0.338	4.99	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.259	0.259	4.99	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.229	0.229	0.999	0.100	0.0229	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.160	0.160	4.99	0.0300	0.00480	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.149	0.149	4.99	0.300	0.0447	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.268	0.268	4.99	0.100	0.0268	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.279	0.279	4.99	0.100	0.0279	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.255	0.255	4.99	0.100	0.0255	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.273	0.273	4.99	0.100	0.0273	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.282	0.282	4.99	0.0100	0.00282	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.269	0.269	4.99	0.0100	0.00269	N/A	6065797
Octa CDF **	pg/g	<0.265	0.265	9.99	0.000300	0.0000795	N/A	6065797
Total Tetra CDF **	pg/g	<0.229	0.229	0.999	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.154	0.154	4.99	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.269	0.269	4.99	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.275	0.275	4.99	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.888	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.994	1.00	0.108	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.97	1.00	0.116	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0992	0.0992	4.97	0.100	0.00992	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.197	0.110	4.97	0.0100	0.00197	N/A	6125075
Octa CDD *	pg/g	0.350	0.106	9.94	0.000300	0.000105	N/A	6125075
Total Tetra CDD *	pg/g	<0.108	0.108	0.994	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.116	0.116	4.97	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.141	0.104	4.97	N/A	N/A	1	6125075
Total Hepta CDD *	pg/g	0.395	0.110	4.97	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.115	0.108	0.994	0.100	0.0115	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.97	0.0300	0.00342	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.97	0.300	0.0321	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.97	0.0100	0.00111	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.97	0.0100	0.00108	N/A	6125075
Octa CDF **	pg/g	<0.106	0.106	9.94	0.000300	0.0000318	N/A	6125075
Total Tetra CDF **	pg/g	0.115	0.108	0.994	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.117	0.117	4.97	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.353	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	117	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	127	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	1.00	1.00	0.104	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	5.00	1.00	0.113	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	5.00	0.100	0.0115	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.217	0.118	5.00	0.0100	0.00217	N/A	6125075
Octa CDD *	pg/g	0.329	0.117	10.0	0.000300	0.0000987	N/A	6125075
Total Tetra CDD *	pg/g	<0.104	0.104	1.00	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.514	0.118	5.00	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	0.104	0.104	1.00	0.100	0.0104	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	5.00	0.0300	0.00318	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.0992	0.0992	5.00	0.300	0.0298	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	5.00	0.100	0.0112	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	5.00	0.0100	0.00114	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	5.00	0.0100	0.00112	N/A	6125075
Octa CDF **	pg/g	0.166	0.104	10.0	0.000300	0.0000498	N/A	6125075
Total Tetra CDF **	pg/g	0.104	0.104	1.00	N/A	N/A	1	6125075
Total Penta CDF **	pg/g	<0.103	0.103	5.00	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.109	0.109	5.00	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.342	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	137	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	123	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	134	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.266	0.266	0.995	1.00	0.266	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.322	0.322	4.97	1.00	0.322	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.234	0.234	4.97	0.100	0.0234	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.236	0.236	4.97	0.100	0.0236	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.249	0.249	4.97	0.100	0.0249	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.346	0.346	4.97	0.0100	0.00346	N/A	6065797
Octa CDD *	pg/g	<0.620	0.620	9.95	0.000300	0.000186	N/A	6065797
Total Tetra CDD *	pg/g	<0.266	0.266	0.995	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.322	0.322	4.97	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.246	0.246	4.97	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.346	0.346	4.97	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.436	0.436	0.995	0.100	0.0436	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.628	0.628	4.97	0.0300	0.0188	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.585	0.585	4.97	0.300	0.176	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.303	0.303	4.97	0.100	0.0303	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.316	0.316	4.97	0.100	0.0316	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.289	0.289	4.97	0.100	0.0289	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.309	0.309	4.97	0.100	0.0309	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.489 (1)	0.489	4.97	0.0100	0.00489	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.137	0.137	4.97	0.0100	0.00137	N/A	6065797
Octa CDF **	pg/g	<0.612	0.612	9.95	0.000300	0.000184	N/A	6065797
Total Tetra CDF **	pg/g	<0.436	0.436	0.995	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.606	0.606	4.97	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.304	0.304	4.97	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.553 (1)	0.553	4.97	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.03	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	23	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	28 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	22 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	28 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	19	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery is below method criteria

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.138	0.138	0.959	1.00	0.138	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.219	0.219	4.80	1.00	0.219	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.150	0.150	4.80	0.100	0.0150	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.151	0.151	4.80	0.100	0.0151	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.160	0.160	4.80	0.100	0.0160	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.269	0.269	4.80	0.0100	0.00269	N/A	6065797
Octa CDD *	pg/g	<1.93 (1)	1.93	9.59	0.000300	0.000579	N/A	6065797
Total Tetra CDD *	pg/g	<0.138	0.138	0.959	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.219	0.219	4.80	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.158	0.158	4.80	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.269	0.269	4.80	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.224	0.224	0.959	0.100	0.0224	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.347	0.347	4.80	0.0300	0.0104	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.324	0.324	4.80	0.300	0.0972	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.193	0.193	4.80	0.100	0.0193	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.201	0.201	4.80	0.100	0.0201	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.184	0.184	4.80	0.100	0.0184	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.197	0.197	4.80	0.100	0.0197	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.240	0.240	4.80	0.0100	0.00240	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.228	0.228	4.80	0.0100	0.00228	N/A	6065797
Octa CDF **	pg/g	<0.401	0.401	9.59	0.000300	0.000120	N/A	6065797
Total Tetra CDF **	pg/g	<0.224	0.224	0.959	N/A	N/A	N/A	6065797
Total Penta CDF **	pg/g	<0.335	0.335	4.80	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.194	0.194	4.80	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.234	0.234	4.80	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.619	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	31 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery is below method criteria

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.205	0.205	0.927	1.00	0.205	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.260	0.260	4.63	1.00	0.260	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.122	0.122	4.63	0.100	0.0122	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.123	0.123	4.63	0.100	0.0123	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.130	0.130	4.63	0.100	0.0130	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.200	0.200	4.63	0.0100	0.00200	N/A	6065797
Octa CDD *	pg/g	<0.515	0.515	9.27	0.000300	0.000155	N/A	6065797
Total Tetra CDD *	pg/g	<0.205	0.205	0.927	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.260	0.260	4.63	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.128	0.128	4.63	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.200	0.200	4.63	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.162	0.162	0.927	0.100	0.0162	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.282	0.282	4.63	0.0300	0.00846	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.262	0.262	4.63	0.300	0.0786	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.187	0.187	4.63	0.100	0.0187	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.196	0.196	4.63	0.100	0.0196	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.179	0.179	4.63	0.100	0.0179	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.191	0.191	4.63	0.100	0.0191	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.239	0.239	4.63	0.0100	0.00239	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.227	0.227	4.63	0.0100	0.00227	N/A	6065797
Octa CDF **	pg/g	<0.400	0.400	9.27	0.000300	0.000120	N/A	6065797
Total Tetra CDF **	pg/g	<0.162	0.162	0.927	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.272	0.272	4.63	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.188	0.188	4.63	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.233	0.233	4.63	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.688	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.999	1.00	0.113	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	5.00	1.00	0.112	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.193	0.116	5.00	0.0100	0.00193	N/A	6125075
Octa CDD *	pg/g	0.404	0.116	9.99	0.000300	0.000121	N/A	6125075
Total Tetra CDD *	pg/g	<0.113	0.113	0.999	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	0.224	0.108	5.00	N/A	N/A	1	6125075
Total Hepta CDD *	pg/g	0.384	0.116	5.00	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.999	0.100	0.0115	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	5.00	0.0300	0.00348	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	5.00	0.300	0.0324	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	5.00	0.0100	0.00120	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	5.00	0.0100	0.00118	N/A	6125075
Octa CDF **	pg/g	<0.117	0.117	9.99	0.000300	0.0000351	N/A	6125075
Total Tetra CDF **	pg/g	<0.115	0.115	0.999	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.105	0.105	5.00	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.119	0.119	5.00	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.351	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.992	1.00	0.105	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.96	1.00	0.117	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0995	0.0995	4.96	0.100	0.00995	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.152	0.108	4.96	0.0100	0.00152	N/A	6125075
Octa CDD *	pg/g	0.341	0.103	9.92	0.000300	0.000102	N/A	6125075
Total Tetra CDD *	pg/g	<0.105	0.105	0.992	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.117	0.117	4.96	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.108 (1)	0.108	4.96	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.289	0.108	4.96	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.992	0.100	0.0104	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.96	0.0300	0.00336	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.300	0.0315	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0995	0.0995	4.96	0.100	0.00995	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0962	0.0962	4.96	0.100	0.00962	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0999	0.0999	4.96	0.100	0.00999	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.96	0.0100	0.00110	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.96	0.0100	0.00107	N/A	6125075
Octa CDF **	pg/g	<0.115	0.115	9.92	0.000300	0.0000345	N/A	6125075
Total Tetra CDF **	pg/g	<0.104	0.104	0.992	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.0993	0.0993	4.96	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.342	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	154	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	138	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	146	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.139	0.139	0.991	1.00	0.139	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.310	0.310	4.95	1.00	0.310	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.157	0.157	4.95	0.100	0.0157	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.158	0.158	4.95	0.100	0.0158	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.167	0.167	4.95	0.100	0.0167	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.198	0.198	4.95	0.0100	0.00198	N/A	6065797
Octa CDD *	pg/g	<0.318	0.318	9.91	0.000300	0.0000954	N/A	6065797
Total Tetra CDD *	pg/g	<0.139	0.139	0.991	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.310	0.310	4.95	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.165	0.165	4.95	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.198	0.198	4.95	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.169	0.169	0.991	0.100	0.0169	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.361	0.361	4.95	0.0300	0.0108	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.336	0.336	4.95	0.300	0.101	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.221	0.221	4.95	0.100	0.0221	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.231	0.231	4.95	0.100	0.0231	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.211	0.211	4.95	0.100	0.0211	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.226	0.226	4.95	0.100	0.0226	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.157	0.157	4.95	0.0100	0.00157	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.149	0.149	4.95	0.0100	0.00149	N/A	6065797
Octa CDF **	pg/g	<0.304	0.304	9.91	0.000300	0.0000912	N/A	6065797
Total Tetra CDF **	pg/g	<0.169	0.169	0.991	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.348	0.348	4.95	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.222	0.222	4.95	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.153	0.153	4.95	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.720	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	72	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.279	0.279	0.988	1.00	0.279	N/A	6065797
1,2,3,7,8-Penta CDD *	pg/g	<0.340	0.340	4.94	1.00	0.340	N/A	6065797
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.157	0.157	4.94	0.100	0.0157	N/A	6065797
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.158	0.158	4.94	0.100	0.0158	N/A	6065797
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.167	0.167	4.94	0.100	0.0167	N/A	6065797
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.253	0.253	4.94	0.0100	0.00253	N/A	6065797
Octa CDD *	pg/g	<0.466	0.466	9.88	0.000300	0.000140	N/A	6065797
Total Tetra CDD *	pg/g	<0.279	0.279	0.988	N/A	N/A	0	6065797
Total Penta CDD *	pg/g	<0.340	0.340	4.94	N/A	N/A	0	6065797
Total Hexa CDD *	pg/g	<0.165	0.165	4.94	N/A	N/A	0	6065797
Total Hepta CDD *	pg/g	<0.253	0.253	4.94	N/A	N/A	0	6065797
2,3,7,8-Tetra CDF **	pg/g	<0.379	0.379	0.988	0.100	0.0379	N/A	6065797
1,2,3,7,8-Penta CDF **	pg/g	<0.432	0.432	4.94	0.0300	0.0130	N/A	6065797
2,3,4,7,8-Penta CDF **	pg/g	<0.402	0.402	4.94	0.300	0.121	N/A	6065797
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.226	0.226	4.94	0.100	0.0226	N/A	6065797
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.236	0.236	4.94	0.100	0.0236	N/A	6065797
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.215	0.215	4.94	0.100	0.0215	N/A	6065797
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.231	0.231	4.94	0.100	0.0231	N/A	6065797
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.167	0.167	4.94	0.0100	0.00167	N/A	6065797
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.159	0.159	4.94	0.0100	0.00159	N/A	6065797
Octa CDF **	pg/g	<0.381	0.381	9.88	0.000300	0.000114	N/A	6065797
Total Tetra CDF **	pg/g	<0.379	0.379	0.988	N/A	N/A	0	6065797
Total Penta CDF **	pg/g	<0.417	0.417	4.94	N/A	N/A	0	6065797
Total Hexa CDF **	pg/g	<0.227	0.227	4.94	N/A	N/A	0	6065797
Total Hepta CDF **	pg/g	<0.163	0.163	4.94	N/A	N/A	0	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.936	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	71	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234678 HeptaCDF **	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDD *	%	30 (1)	N/A	N/A	N/A	N/A	N/A	6065797
C13-123478 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-1234789 HeptaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6065797
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6065797
C13-12378 PentaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6065797
C13-123789 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6065797
C13-234678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-23478 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6065797
C13-2378 TetraCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6065797
C13-OCDD *	%	24	N/A	N/A	N/A	N/A	N/A	6065797

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery is below method criteria

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.990	1.00	0.112	N/A	6125075
1,2,3,7,8-Penta CDD *	pg/g	<0.0997	0.0997	4.95	1.00	0.0997	N/A	6125075
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6125075
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.95	0.100	0.0109	N/A	6125075
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.95	0.100	0.0106	N/A	6125075
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.157	0.109	4.95	0.0100	0.00157	N/A	6125075
Octa CDD *	pg/g	0.308	0.104	9.90	0.000300	0.0000924	N/A	6125075
Total Tetra CDD *	pg/g	<0.112	0.112	0.990	N/A	N/A	0	6125075
Total Penta CDD *	pg/g	<0.0997	0.0997	4.95	N/A	N/A	0	6125075
Total Hexa CDD *	pg/g	<0.122 (1)	0.122	4.95	N/A	N/A	0	6125075
Total Hepta CDD *	pg/g	0.305	0.109	4.95	N/A	N/A	2	6125075
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.990	0.100	0.0112	N/A	6125075
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.95	0.0300	0.00330	N/A	6125075
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.95	0.300	0.0309	N/A	6125075
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.95	0.100	0.0119	N/A	6125075
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6125075
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6125075
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.95	0.100	0.0117	N/A	6125075
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.103	0.103	4.95	0.0100	0.00103	N/A	6125075
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.95	0.0100	0.00101	N/A	6125075
Octa CDF **	pg/g	<0.105	0.105	9.90	0.000300	0.0000315	N/A	6125075
Total Tetra CDF **	pg/g	<0.112	0.112	0.990	N/A	N/A	0	6125075
Total Penta CDF **	pg/g	<0.107	0.107	4.95	N/A	N/A	0	6125075
Total Hexa CDF **	pg/g	<0.116	0.116	4.95	N/A	N/A	0	6125075
Total Hepta CDF **	pg/g	<0.102	0.102	4.95	N/A	N/A	0	6125075

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.340	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	114	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234678 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDD *	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-123478 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6125075
C13-1234789 HeptaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-123678 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDD *	%	112	N/A	N/A	N/A	N/A	N/A	6125075
C13-12378 PentaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6125075
C13-123789 HexaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6125075
C13-234678 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6125075
C13-23478 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6125075
C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6125075
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6125075

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.980	1.00	0.108	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	4.90	1.00	0.107	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.90	0.100	0.0107	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.90	0.100	0.0105	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.90	0.100	0.0107	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.90	0.0100	0.00109	N/A	5979289
Octa CDD *	pg/g	0.249	0.117	9.80	0.000300	0.0000747	N/A	5979289
Total Tetra CDD *	pg/g	<0.206 (1)	0.206	0.980	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.246 (1)	0.246	4.90	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.580 (1)	0.580	4.90	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.109	0.109	4.90	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.980	0.100	0.0109	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.90	0.0300	0.00336	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.90	0.300	0.0315	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.90	0.100	0.0106	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.90	0.100	0.0106	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0994	0.0994	4.90	0.100	0.00994	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.90	0.100	0.0107	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.101	0.101	4.90	0.0100	0.00101	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0979	0.0979	4.90	0.0100	0.000979	N/A	5979289
Octa CDF **	pg/g	<0.102	0.102	9.80	0.000300	0.0000306	N/A	5979289
Total Tetra CDF **	pg/g	<0.109 (1)	0.109	0.980	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.108 (1)	0.108	4.90	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.104	0.104	4.90	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.0996	0.0996	4.90	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.338	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	98	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	1.00	1.00	0.112	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.0914	0.0914	5.00	1.00	0.0914	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0891	0.0891	5.00	0.100	0.00891	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0903	0.0903	5.00	0.100	0.00903	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0895	0.0895	5.00	0.100	0.00895	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.128	0.128	5.00	0.0100	0.00128	N/A	5971767
Octa CDD *	pg/g	<0.262 (1)	0.262	10.0	0.000300	0.0000786	N/A	5971767
Total Tetra CDD *	pg/g	<0.112	0.112	1.00	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.0914	0.0914	5.00	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.0901	0.0901	5.00	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.128	0.128	5.00	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	1.00	0.100	0.0105	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.157	0.157	5.00	0.0300	0.00471	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.138	0.138	5.00	0.300	0.0414	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	5.00	0.100	0.0131	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.138	0.138	5.00	0.100	0.0138	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.128	0.128	5.00	0.100	0.0128	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.138	0.138	5.00	0.100	0.0138	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.135	0.135	5.00	0.0100	0.00135	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.131	0.131	5.00	0.0100	0.00131	N/A	5971767
Octa CDF **	pg/g	0.210	0.148	10.0	0.000300	0.0000630	N/A	5971767
Total Tetra CDF **	pg/g	<0.105	0.105	1.00	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.147	0.147	5.00	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.134	0.134	5.00	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.133	0.133	5.00	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.344	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.972	1.00	0.101	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	4.86	1.00	0.107	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.86	0.100	0.0106	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.86	0.100	0.0104	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.86	0.100	0.0106	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.86	0.0100	0.00103	N/A	5979289
Octa CDD *	pg/g	<0.115	0.115	9.72	0.000300	0.0000345	N/A	5979289
Total Tetra CDD *	pg/g	<0.320 (1)	0.320	0.972	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.192 (1)	0.192	4.86	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.639 (1)	0.639	4.86	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.103	0.103	4.86	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.972	0.100	0.0109	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.86	0.0300	0.00333	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.86	0.300	0.0312	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.86	0.100	0.0105	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.86	0.100	0.0105	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0990	0.0990	4.86	0.100	0.00990	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.86	0.100	0.0106	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.100	0.100	4.86	0.0100	0.00100	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0971	0.0971	4.86	0.0100	0.000971	N/A	5979289
Octa CDF **	pg/g	<0.106	0.106	9.72	0.000300	0.0000318	N/A	5979289
Total Tetra CDF **	pg/g	<0.110 (1)	0.110	0.972	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.120 (1)	0.120	4.86	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.104	0.104	4.86	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.0988	0.0988	4.86	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.330	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	96	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	94	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	1.00	1.00	0.116	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.154	0.154	5.00	1.00	0.154	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	5.00	0.100	0.0120	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.121	0.121	5.00	0.100	0.0121	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.120	0.120	5.00	0.100	0.0120	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.166	0.166	5.00	0.0100	0.00166	N/A	5971767
Octa CDD *	pg/g	<0.208	0.208	10.0	0.000300	0.0000624	N/A	5971767
Total Tetra CDD *	pg/g	<0.116	0.116	1.00	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.154	0.154	5.00	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.121	0.121	5.00	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.166	0.166	5.00	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.132	0.132	1.00	0.100	0.0132	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	5.00	0.0300	0.00318	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.0938	0.0938	5.00	0.300	0.0281	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	5.00	0.100	0.0140	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.148	0.148	5.00	0.100	0.0148	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	5.00	0.100	0.0137	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.147	0.147	5.00	0.100	0.0147	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0977	0.0977	5.00	0.0100	0.000977	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0947	0.0947	5.00	0.0100	0.000947	N/A	5971767
Octa CDF **	pg/g	<0.154	0.154	10.0	0.000300	0.0000462	N/A	5971767
Total Tetra CDF **	pg/g	<0.132	0.132	1.00	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.0997	0.0997	5.00	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.143	0.143	5.00	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.0962	0.0962	5.00	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.411	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	59	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	43	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0777	0.0777	0.999	1.00	0.0777	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.0865	0.0865	4.99	1.00	0.0865	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.167	0.167	4.99	0.0100	0.00167	N/A	5971767
Octa CDD *	pg/g	<0.256 (1)	0.256	9.99	0.000300	0.0000768	N/A	5971767
Total Tetra CDD *	pg/g	<0.0777	0.0777	0.999	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.0865	0.0865	4.99	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.106	0.106	4.99	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.167	0.167	4.99	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.0823	0.0823	0.999	0.100	0.00823	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.0300	0.00333	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.0977	0.0977	4.99	0.300	0.0293	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.123	0.123	4.99	0.100	0.0123	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.99	0.100	0.0122	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.127	0.127	4.99	0.0100	0.00127	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.123	0.123	4.99	0.0100	0.00123	N/A	5971767
Octa CDF **	pg/g	0.189	0.122	9.99	0.000300	0.0000567	N/A	5971767
Total Tetra CDF **	pg/g	<0.0823	0.0823	0.999	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.104	0.104	4.99	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.118	0.118	4.99	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.125	0.125	4.99	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.289	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	69	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.994	1.00	0.113	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.97	1.00	0.116	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.152	0.152	4.97	0.100	0.0152	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.153	0.153	4.97	0.100	0.0153	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.152	0.152	4.97	0.100	0.0152	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.149	0.149	4.97	0.0100	0.00149	N/A	5971767
Octa CDD *	pg/g	<0.111	0.111	9.94	0.000300	0.0000333	N/A	5971767
Total Tetra CDD *	pg/g	<0.113	0.113	0.994	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.116	0.116	4.97	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.153	0.153	4.97	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.149	0.149	4.97	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.0954	0.0954	0.994	0.100	0.00954	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.97	0.0300	0.00369	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.300	0.0324	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.124	0.124	4.97	0.100	0.0124	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.132	0.132	4.97	0.100	0.0132	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.97	0.100	0.0122	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.131	0.131	4.97	0.100	0.0131	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.97	0.0100	0.00117	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.97	0.0100	0.00113	N/A	5971767
Octa CDF **	pg/g	<0.129	0.129	9.94	0.000300	0.0000387	N/A	5971767
Total Tetra CDF **	pg/g	<0.0954	0.0954	0.994	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.115	0.115	4.97	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.127	0.127	4.97	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.115	0.115	4.97	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.375	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	70	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	55	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.997	1.00	0.101	N/A	5975799
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.98	1.00	0.110	N/A	5975799
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.135	0.135	4.98	0.100	0.0135	N/A	5975799
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.98	0.100	0.0136	N/A	5975799
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.135	0.135	4.98	0.100	0.0135	N/A	5975799
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.132	0.132	4.98	0.0100	0.00132	N/A	5975799
Octa CDD *	pg/g	<0.225	0.225	9.97	0.000300	0.0000675	N/A	5975799
Total Tetra CDD *	pg/g	<0.101	0.101	0.997	N/A	N/A	0	5975799
Total Penta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	5975799
Total Hexa CDD *	pg/g	<0.136	0.136	4.98	N/A	N/A	0	5975799
Total Hepta CDD *	pg/g	<0.132	0.132	4.98	N/A	N/A	0	5975799
2,3,7,8-Tetra CDF **	pg/g	<0.164	0.164	0.997	0.100	0.0164	N/A	5975799
1,2,3,7,8-Penta CDF **	pg/g	<0.143	0.143	4.98	0.0300	0.00429	N/A	5975799
2,3,4,7,8-Penta CDF **	pg/g	<0.126	0.126	4.98	0.300	0.0378	N/A	5975799
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	5975799
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	5975799
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0995	0.0995	4.98	0.100	0.00995	N/A	5975799
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	5975799
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0860	0.0860	4.98	0.0100	0.000860	N/A	5975799
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0834	0.0834	4.98	0.0100	0.000834	N/A	5975799
Octa CDF **	pg/g	<0.159	0.159	9.97	0.000300	0.0000477	N/A	5975799
Total Tetra CDF **	pg/g	<0.164	0.164	0.997	N/A	N/A	0	5975799
Total Penta CDF **	pg/g	<0.134	0.134	4.98	N/A	N/A	0	5975799
Total Hexa CDF **	pg/g	<0.104	0.104	4.98	N/A	N/A	0	5975799
Total Hepta CDF **	pg/g	<0.0847	0.0847	4.98	N/A	N/A	0	5975799

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234678 HeptaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234678 HeptaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	5975799
C13-123478 HexaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	5975799
C13-123478 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234789 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	5975799
C13-123678 HexaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	5975799
C13-123678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	5975799
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	5975799
C13-12378 PentaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	5975799
C13-123789 HexaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	5975799
C13-234678 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	5975799
C13-23478 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	5975799
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5975799
C13-2378 TetraCDF **	%	47	N/A	N/A	N/A	N/A	N/A	5975799
C13-OCDD *	%	33	N/A	N/A	N/A	N/A	N/A	5975799

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0913	0.0913	0.993	1.00	0.0913	N/A	5975799
1,2,3,7,8-Penta CDD *	pg/g	<0.0973	0.0973	4.96	1.00	0.0973	N/A	5975799
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	5975799
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	5975799
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	5975799
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.177	0.177	4.96	0.0100	0.00177	N/A	5975799
Octa CDD *	pg/g	<0.418 (1)	0.418	9.93	0.000300	0.000125	N/A	5975799
Total Tetra CDD *	pg/g	<0.0913	0.0913	0.993	N/A	N/A	0	5975799
Total Penta CDD *	pg/g	<0.0973	0.0973	4.96	N/A	N/A	0	5975799
Total Hexa CDD *	pg/g	<0.105	0.105	4.96	N/A	N/A	0	5975799
Total Hepta CDD *	pg/g	<0.177	0.177	4.96	N/A	N/A	0	5975799
2,3,7,8-Tetra CDF **	pg/g	<0.0961	0.0961	0.993	0.100	0.00961	N/A	5975799
1,2,3,7,8-Penta CDF **	pg/g	<0.179	0.179	4.96	0.0300	0.00537	N/A	5975799
2,3,4,7,8-Penta CDF **	pg/g	<0.158	0.158	4.96	0.300	0.0474	N/A	5975799
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0912	0.0912	4.96	0.100	0.00912	N/A	5975799
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0967	0.0967	4.96	0.100	0.00967	N/A	5975799
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0894	0.0894	4.96	0.100	0.00894	N/A	5975799
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0963	0.0963	4.96	0.100	0.00963	N/A	5975799
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.96	0.0100	0.00108	N/A	5975799
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.96	0.0100	0.00105	N/A	5975799
Octa CDF **	pg/g	<0.173	0.173	9.93	0.000300	0.0000519	N/A	5975799
Total Tetra CDF **	pg/g	<0.0961	0.0961	0.993	N/A	N/A	0	5975799
Total Penta CDF **	pg/g	<0.168	0.168	4.96	N/A	N/A	0	5975799
Total Hexa CDF **	pg/g	<0.0933	0.0933	4.96	N/A	N/A	0	5975799

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.106	0.106	4.96	N/A	N/A	0	5975799
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.324	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234678 HeptaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234678 HeptaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	5975799
C13-123478 HexaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	5975799
C13-123478 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	5975799
C13-1234789 HeptaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	5975799
C13-123678 HexaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	5975799
C13-123678 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	5975799
C13-12378 PentaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	5975799
C13-12378 PentaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	5975799
C13-123789 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	5975799
C13-234678 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	5975799
C13-23478 PentaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	5975799
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5975799
C13-2378 TetraCDF **	%	51	N/A	N/A	N/A	N/A	N/A	5975799
C13-OCDD *	%	32	N/A	N/A	N/A	N/A	N/A	5975799

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.979	1.00	0.113	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.101	0.101	4.89	1.00	0.101	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.89	0.100	0.0103	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.89	0.100	0.0101	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.89	0.100	0.0103	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.89	0.0100	0.00106	N/A	5979289
Octa CDD *	pg/g	<0.131	0.131	9.79	0.000300	0.0000393	N/A	5979289
Total Tetra CDD *	pg/g	<0.246 (1)	0.246	0.979	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.125 (1)	0.125	4.89	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.464 (1)	0.464	4.89	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.106	0.106	4.89	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.979	0.100	0.0113	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.89	0.0300	0.00342	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.89	0.300	0.0318	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0926	0.0926	4.89	0.100	0.00926	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0927	0.0927	4.89	0.100	0.00927	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0871	0.0871	4.89	0.100	0.00871	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0937	0.0937	4.89	0.100	0.00937	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0891	0.0891	4.89	0.0100	0.000891	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0861	0.0861	4.89	0.0100	0.000861	N/A	5979289
Octa CDF **	pg/g	<0.152	0.152	9.79	0.000300	0.0000456	N/A	5979289
Total Tetra CDF **	pg/g	<0.113	0.113	0.979	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.181 (1)	0.181	4.89	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.0914	0.0914	4.89	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.0876	0.0876	4.89	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.331	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.954	1.00	0.112	N/A	5988747
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.77	1.00	0.121	N/A	5988747
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.77	0.100	0.0100	N/A	5988747
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0979	0.0979	4.77	0.100	0.00979	N/A	5988747
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.77	0.100	0.0100	N/A	5988747
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.77	0.0100	0.00106	N/A	5988747
Octa CDD *	pg/g	<0.152	0.152	9.54	0.000300	0.0000456	N/A	5988747
Total Tetra CDD *	pg/g	<0.148 (1)	0.148	0.954	N/A	N/A	0	5988747
Total Penta CDD *	pg/g	<0.121	0.121	4.77	N/A	N/A	0	5988747
Total Hexa CDD *	pg/g	<0.202 (1)	0.202	4.77	N/A	N/A	0	5988747
Total Hepta CDD *	pg/g	<0.106	0.106	4.77	N/A	N/A	0	5988747
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.954	0.100	0.0112	N/A	5988747
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.77	0.0300	0.00321	N/A	5988747
2,3,4,7,8-Penta CDF **	pg/g	<0.100	0.100	4.77	0.300	0.0300	N/A	5988747
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.77	0.100	0.0105	N/A	5988747
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.77	0.100	0.0105	N/A	5988747
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0982	0.0982	4.77	0.100	0.00982	N/A	5988747
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.77	0.100	0.0106	N/A	5988747
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.77	0.0100	0.00117	N/A	5988747
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.77	0.0100	0.00113	N/A	5988747
Octa CDF **	pg/g	<0.123	0.123	9.54	0.000300	0.0000369	N/A	5988747
Total Tetra CDF **	pg/g	<0.112	0.112	0.954	N/A	N/A	0	5988747
Total Penta CDF **	pg/g	<0.150 (2)	0.150	4.77	N/A	N/A	0	5988747

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	<0.103	0.103	4.77	N/A	N/A	0	5988747
Total Hepta CDF **	pg/g	<0.115	0.115	4.77	N/A	N/A	0	5988747
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	5988747
C13-1234678 HeptaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	5988747
C13-1234678 HeptaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5988747
C13-123478 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	5988747
C13-123478 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5988747
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	5988747
C13-123678 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	5988747
C13-123678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	5988747
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5988747
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	5988747
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5988747
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5988747
C13-23478 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	5988747
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	5988747
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5988747
C13-OCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5988747

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.124	0.124	0.999	1.00	0.124	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.150	0.150	4.99	1.00	0.150	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.141	0.141	4.99	0.100	0.0141	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.150	0.150	4.99	0.0100	0.00150	N/A	5971767
Octa CDD *	pg/g	<0.183	0.183	9.99	0.000300	0.0000549	N/A	5971767
Total Tetra CDD *	pg/g	<0.124	0.124	0.999	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.150	0.150	4.99	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.142	0.142	4.99	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.150	0.150	4.99	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.122	0.122	0.999	0.100	0.0122	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.160	0.160	4.99	0.0300	0.00480	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.141	0.141	4.99	0.300	0.0423	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.148	0.148	4.99	0.100	0.0148	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.99	0.100	0.0137	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.148	0.148	4.99	0.100	0.0148	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	4.99	0.0100	0.00121	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	5971767
Octa CDF **	pg/g	<0.287	0.287	9.99	0.000300	0.0000861	N/A	5971767
Total Tetra CDF **	pg/g	<0.122	0.122	0.999	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.150	0.150	4.99	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.143	0.143	4.99	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.120	0.120	4.99	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.437	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	41	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	32	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.976	1.00	0.109	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.88	1.00	0.108	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.88	0.100	0.0101	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0992	0.0992	4.88	0.100	0.00992	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.88	0.100	0.0101	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0989	0.0989	4.88	0.0100	0.000989	N/A	5979289
Octa CDD *	pg/g	<0.106	0.106	9.76	0.000300	0.0000318	N/A	5979289
Total Tetra CDD *	pg/g	<0.292 (1)	0.292	0.976	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.216 (1)	0.216	4.88	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.696 (1)	0.696	4.88	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.0989	0.0989	4.88	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.976	0.100	0.0105	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.88	0.0300	0.00312	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.0971	0.0971	4.88	0.300	0.0291	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.88	0.100	0.0116	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.88	0.100	0.0116	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.88	0.100	0.0109	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.88	0.100	0.0117	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.105	0.105	4.88	0.0100	0.00105	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.88	0.0100	0.00102	N/A	5979289
Octa CDF **	pg/g	<0.115	0.115	9.76	0.000300	0.0000345	N/A	5979289
Total Tetra CDF **	pg/g	0.130	0.105	0.976	N/A	N/A	1	5979289
Total Penta CDF **	pg/g	<0.100	0.100	4.88	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.115	0.115	4.88	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.104	0.104	4.88	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.339	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	118	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	103	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.980	1.00	0.117	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.90	1.00	0.112	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111 (1)	0.111	4.90	0.100	0.0111	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	0.126	0.0965	4.90	0.100	0.0126	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	0.137	0.0985	4.90	0.100	0.0137	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.136 (1)	0.136	4.90	0.0100	0.00136	N/A	5979289
Octa CDD *	pg/g	0.378	0.135	9.80	0.000300	0.000113	N/A	5979289
Total Tetra CDD *	pg/g	<0.262 (1)	0.262	0.980	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.210 (1)	0.210	4.90	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	0.262	0.0990	4.90	N/A	N/A	2	5979289
Total Hepta CDD *	pg/g	<0.136 (1)	0.136	4.90	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.980	0.100	0.0110	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.90	0.0300	0.00312	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.90	0.300	0.0292	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	0.117	0.109	4.90	0.100	0.0117	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	0.115	0.109	4.90	0.100	0.0115	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.90	0.100	0.0103	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	0.166	0.110	4.90	0.100	0.0166	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.90	0.0100	0.00110	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.90	0.0100	0.00106	N/A	5979289
Octa CDF **	pg/g	0.183	0.117	9.80	0.000300	0.0000549	N/A	5979289
Total Tetra CDF **	pg/g	<0.110	0.110	0.980	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.101	0.101	4.90	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	0.398	0.108	4.90	N/A	N/A	3	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.108	0.108	4.90	N/A	N/A	0	5979289
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.364	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	96	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.997	1.00	0.111	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.99	1.00	0.115	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	5979289
Octa CDD *	pg/g	<0.305	0.305	9.97	0.000300	0.0000915	N/A	5979289
Total Tetra CDD *	pg/g	<0.219 (1)	0.219	0.997	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.155 (1)	0.155	4.99	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.449 (1)	0.449	4.99	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.112	0.112	4.99	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.997	0.100	0.0113	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.99	0.0300	0.00339	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.99	0.300	0.0315	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.99	0.0100	0.00109	N/A	5979289
Octa CDF **	pg/g	<0.159	0.159	9.97	0.000300	0.0000477	N/A	5979289
Total Tetra CDF **	pg/g	<0.142 (1)	0.142	0.997	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.109	0.109	4.99	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.111	0.111	4.99	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	74	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	59	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	56	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	59	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	1.00	1.00	0.100	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	5.00	1.00	0.114	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.126	0.126	5.00	0.100	0.0126	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.128	0.128	5.00	0.100	0.0128	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.127	0.127	5.00	0.100	0.0127	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.129	0.129	5.00	0.0100	0.00129	N/A	5971767
Octa CDD *	pg/g	<0.144	0.144	10.0	0.000300	0.0000432	N/A	5971767
Total Tetra CDD *	pg/g	<0.100	0.100	1.00	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.114	0.114	5.00	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.128	0.128	5.00	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.129	0.129	5.00	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.137	0.137	1.00	0.100	0.0137	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.152	0.152	5.00	0.0300	0.00456	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.134	0.134	5.00	0.300	0.0402	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	5.00	0.100	0.0131	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.139	0.139	5.00	0.100	0.0139	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.129	0.129	5.00	0.100	0.0129	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.139	0.139	5.00	0.100	0.0139	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	5.00	0.0100	0.00104	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	5.00	0.0100	0.00101	N/A	5971767
Octa CDF **	pg/g	<0.125	0.125	10.0	0.000300	0.0000375	N/A	5971767
Total Tetra CDF **	pg/g	<0.137	0.137	1.00	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.142	0.142	5.00	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.134	0.134	5.00	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.102	0.102	5.00	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.368	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	51	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	39	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0710	0.0710	0.995	1.00	0.0710	N/A	5971767
1,2,3,7,8-Penta CDD *	pg/g	<0.127	0.127	4.97	1.00	0.127	N/A	5971767
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.126	0.126	4.97	0.100	0.0126	N/A	5971767
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.127	0.127	4.97	0.100	0.0127	N/A	5971767
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.126	0.126	4.97	0.100	0.0126	N/A	5971767
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	5971767
Octa CDD *	pg/g	<0.166	0.166	9.95	0.000300	0.0000498	N/A	5971767
Total Tetra CDD *	pg/g	<0.0710	0.0710	0.995	N/A	N/A	0	5971767
Total Penta CDD *	pg/g	<0.127	0.127	4.97	N/A	N/A	0	5971767
Total Hexa CDD *	pg/g	<0.127	0.127	4.97	N/A	N/A	0	5971767
Total Hepta CDD *	pg/g	<0.116	0.116	4.97	N/A	N/A	0	5971767
2,3,7,8-Tetra CDF **	pg/g	<0.100	0.100	0.995	0.100	0.0100	N/A	5971767
1,2,3,7,8-Penta CDF **	pg/g	<0.164	0.164	4.97	0.0300	0.00492	N/A	5971767
2,3,4,7,8-Penta CDF **	pg/g	<0.144	0.144	4.97	0.300	0.0432	N/A	5971767
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0811	0.0811	4.97	0.100	0.00811	N/A	5971767
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0860	0.0860	4.97	0.100	0.00860	N/A	5971767
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0795	0.0795	4.97	0.100	0.00795	N/A	5971767
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0856	0.0856	4.97	0.100	0.00856	N/A	5971767
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.97	0.0100	0.00117	N/A	5971767
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.97	0.0100	0.00113	N/A	5971767
Octa CDF **	pg/g	<0.126	0.126	9.95	0.000300	0.0000378	N/A	5971767
Total Tetra CDF **	pg/g	<0.100	0.100	0.995	N/A	N/A	0	5971767
Total Penta CDF **	pg/g	<0.153	0.153	4.97	N/A	N/A	0	5971767
Total Hexa CDF **	pg/g	<0.0830	0.0830	4.97	N/A	N/A	0	5971767
Total Hepta CDF **	pg/g	<0.115	0.115	4.97	N/A	N/A	0	5971767

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.331	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	114	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234678 HeptaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	5971767
C13-123478 HexaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	5971767
C13-1234789 HeptaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	5971767
C13-123678 HexaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	5971767
C13-12378 PentaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	5971767
C13-123789 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	5971767
C13-234678 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	5971767
C13-23478 PentaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	5971767
C13-2378 TetraCDF **	%	65	N/A	N/A	N/A	N/A	N/A	5971767
C13-OCDD *	%	45	N/A	N/A	N/A	N/A	N/A	5971767

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.987	1.00	0.105	N/A	5979289
1,2,3,7,8-Penta CDD *	pg/g	<0.104	0.104	4.94	1.00	0.104	N/A	5979289
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.94	0.100	0.0107	N/A	5979289
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.94	0.100	0.0105	N/A	5979289
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.94	0.100	0.0107	N/A	5979289
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.94	0.0100	0.00106	N/A	5979289
Octa CDD *	pg/g	0.347	0.110	9.87	0.000300	0.000104	N/A	5979289
Total Tetra CDD *	pg/g	<0.214 (1)	0.214	0.987	N/A	N/A	0	5979289
Total Penta CDD *	pg/g	<0.184 (1)	0.184	4.94	N/A	N/A	0	5979289
Total Hexa CDD *	pg/g	<0.640 (1)	0.640	4.94	N/A	N/A	0	5979289
Total Hepta CDD *	pg/g	<0.106	0.106	4.94	N/A	N/A	0	5979289
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.987	0.100	0.0109	N/A	5979289
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.94	0.0300	0.00345	N/A	5979289
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.94	0.300	0.0321	N/A	5979289
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.94	0.100	0.0111	N/A	5979289
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.94	0.100	0.0111	N/A	5979289
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.94	0.100	0.0104	N/A	5979289
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.94	0.100	0.0112	N/A	5979289
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.101	0.101	4.94	0.0100	0.00101	N/A	5979289
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0973	0.0973	4.94	0.0100	0.000973	N/A	5979289
Octa CDF **	pg/g	<0.107	0.107	9.87	0.000300	0.0000321	N/A	5979289
Total Tetra CDF **	pg/g	<0.109	0.109	0.987	N/A	N/A	0	5979289
Total Penta CDF **	pg/g	<0.111	0.111	4.94	N/A	N/A	0	5979289
Total Hexa CDF **	pg/g	<0.110	0.110	4.94	N/A	N/A	0	5979289
Total Hepta CDF **	pg/g	<0.0990	0.0990	4.94	N/A	N/A	0	5979289

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.334	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234678 HeptaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	5979289
C13-123478 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	5979289
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	5979289
C13-123678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	5979289
C13-12378 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	5979289
C13-123789 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	5979289
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	5979289
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDD *	%	80	N/A	N/A	N/A	N/A	N/A	5979289
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	5979289
C13-OCDD *	%	98	N/A	N/A	N/A	N/A	N/A	5979289

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.167	0.167	1.00	1.00	0.167	N/A	6075060
1,2,3,7,8-Penta CDD *	pg/g	<0.178	0.178	5.00	1.00	0.178	N/A	6075060
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0927	0.0927	5.00	0.100	0.00927	N/A	6075060
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0925	0.0925	5.00	0.100	0.00925	N/A	6075060
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0974	0.0974	5.00	0.100	0.00974	N/A	6075060
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.152	0.152	5.00	0.0100	0.00152	N/A	6075060
Octa CDD *	pg/g	<0.226	0.226	10.0	0.000300	0.0000678	N/A	6075060
Total Tetra CDD *	pg/g	<0.167	0.167	1.00	N/A	N/A	0	6075060
Total Penta CDD *	pg/g	<0.178	0.178	5.00	N/A	N/A	0	6075060
Total Hexa CDD *	pg/g	<0.0953	0.0953	5.00	N/A	N/A	0	6075060
Total Hepta CDD *	pg/g	<0.152	0.152	5.00	N/A	N/A	0	6075060
2,3,7,8-Tetra CDF **	pg/g	<0.0916	0.0916	1.00	0.100	0.00916	N/A	6075060
1,2,3,7,8-Penta CDF **	pg/g	<0.200	0.200	5.00	0.0300	0.00600	N/A	6075060
2,3,4,7,8-Penta CDF **	pg/g	<0.187	0.187	5.00	0.300	0.0561	N/A	6075060
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0728	0.0728	5.00	0.100	0.00728	N/A	6075060
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0762	0.0762	5.00	0.100	0.00762	N/A	6075060
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0702	0.0702	5.00	0.100	0.00702	N/A	6075060
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0738	0.0738	5.00	0.100	0.00738	N/A	6075060
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.126	0.126	5.00	0.0100	0.00126	N/A	6075060
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.122	0.122	5.00	0.0100	0.00122	N/A	6075060
Octa CDF **	pg/g	<0.195	0.195	10.0	0.000300	0.0000585	N/A	6075060
Total Tetra CDF **	pg/g	<0.0916	0.0916	1.00	N/A	N/A	0	6075060
Total Penta CDF **	pg/g	<0.193	0.193	5.00	N/A	N/A	0	6075060
Total Hexa CDF **	pg/g	<0.0732	0.0732	5.00	N/A	N/A	0	6075060
Total Hepta CDF **	pg/g	<0.124	0.124	5.00	N/A	N/A	0	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.478	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDD *	%	123	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234789 HeptaCDF **	%	129	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6075060
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6075060
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6075060
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6075060
C13-OCDD *	%	117	N/A	N/A	N/A	N/A	N/A	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.991	1.00	0.116	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.96	1.00	0.115	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.123	0.123	4.96	0.100	0.0123	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.96	0.100	0.0119	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	0.138	0.117	4.96	0.100	0.0138	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.178	0.178	4.96	0.0100	0.00178	N/A	6058195
Octa CDD *	pg/g	<0.217	0.217	9.91	0.000300	0.0000651	N/A	6058195
Total Tetra CDD *	pg/g	<0.116	0.116	0.991	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	0.138	0.119	4.96	N/A	N/A	1	6058195
Total Hepta CDD *	pg/g	<0.178	0.178	4.96	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.991	0.100	0.0107	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.96	0.0300	0.00357	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.96	0.300	0.0330	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.96	0.100	0.0117	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.96	0.100	0.0116	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.128 (1)	0.128	4.96	0.100	0.0128	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117 (1)	0.117	4.96	0.0100	0.00117	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6058195
Octa CDF **	pg/g	<0.198 (1)	0.198	9.91	0.000300	0.0000594	N/A	6058195
Total Tetra CDF **	pg/g	0.181	0.107	0.991	N/A	N/A	1	6058195
Total Penta CDF **	pg/g	<0.114	0.114	4.96	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.119 (1)	0.119	4.96	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.128 (1)	0.128	4.96	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.368	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.992	1.00	0.115	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.96	1.00	0.109	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.144	0.144	4.96	0.100	0.0144	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.139	0.139	4.96	0.100	0.0139	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.137	0.137	4.96	0.100	0.0137	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	4.96	0.0100	0.00118	N/A	6058195
Octa CDD *	pg/g	<0.177	0.177	9.92	0.000300	0.0000531	N/A	6058195
Total Tetra CDD *	pg/g	<0.115	0.115	0.992	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.109	0.109	4.96	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.195 (1)	0.195	4.96	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.118	0.118	4.96	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.992	0.100	0.0109	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.96	0.0300	0.00333	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.96	0.300	0.0309	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.96	0.100	0.0116	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.96	0.100	0.0115	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.96	0.100	0.0118	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.96	0.0100	0.00117	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6058195
Octa CDF **	pg/g	<0.145	0.145	9.92	0.000300	0.0000435	N/A	6058195
Total Tetra CDF **	pg/g	<0.109	0.109	0.992	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.107	0.107	4.96	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.114	0.114	4.96	N/A	N/A	0	6058195
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.361	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	121	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.990	1.00	0.112	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	4.95	1.00	0.113	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.95	0.100	0.0119	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.95	0.0100	0.00111	N/A	6058195
Octa CDD *	pg/g	<0.170	0.170	9.90	0.000300	0.0000510	N/A	6058195
Total Tetra CDD *	pg/g	<0.112	0.112	0.990	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.113	0.113	4.95	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.175 (1)	0.175	4.95	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.111	0.111	4.95	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.990	0.100	0.0108	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.95	0.0300	0.00318	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.0977	0.0977	4.95	0.300	0.0293	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.95	0.100	0.0117	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.95	0.100	0.0119	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.95	0.0100	0.00114	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.95	0.0100	0.00109	N/A	6058195
Octa CDF **	pg/g	<0.156	0.156	9.90	0.000300	0.0000468	N/A	6058195
Total Tetra CDF **	pg/g	<0.108	0.108	0.990	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.102	0.102	4.95	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.116	0.116	4.95	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.111	0.111	4.95	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.353	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	124	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.126	0.126	0.994	1.00	0.126	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.125	0.125	4.97	1.00	0.125	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.119	0.119	4.97	0.0100	0.00119	N/A	6058195
Octa CDD *	pg/g	1.87	0.258	9.94	0.000300	0.000561	N/A	6058195
Total Tetra CDD *	pg/g	<0.126	0.126	0.994	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.125	0.125	4.97	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.212 (1)	0.212	4.97	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	0.288	0.119	4.97	N/A	N/A	1	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.994	0.100	0.0104	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.97	0.0300	0.00330	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.97	0.300	0.0303	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.97	0.100	0.0115	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.97	0.100	0.0114	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.97	0.0100	0.00111	N/A	6058195
Octa CDF **	pg/g	<0.164	0.164	9.94	0.000300	0.0000492	N/A	6058195
Total Tetra CDF **	pg/g	<0.131 (1)	0.131	0.994	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.113	0.113	4.97	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.113	0.113	4.97	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.378	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.995	1.00	0.119	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	0.277	0.226	4.97	1.00	0.277	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.166	0.166	4.97	0.100	0.0166	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.161	0.161	4.97	0.100	0.0161	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.180 (1)	0.180	4.97	0.100	0.0180	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.200	0.109	4.97	0.0100	0.00200	N/A	6058195
Octa CDD *	pg/g	1.64	0.300	9.95	0.000300	0.000492	N/A	6058195
Total Tetra CDD *	pg/g	<0.119	0.119	0.995	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	0.277	0.226	4.97	N/A	N/A	1	6058195
Total Hexa CDD *	pg/g	<0.205 (1)	0.205	4.97	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	0.200	0.109	4.97	N/A	N/A	1	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.122 (1)	0.122	0.995	0.100	0.0122	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.269	0.269	4.97	0.0300	0.00807	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.248	0.248	4.97	0.300	0.0744	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.264 (1)	0.264	4.97	0.100	0.0264	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	0.185	0.120	4.97	0.100	0.0185	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.140 (1)	0.140	4.97	0.100	0.0140	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	0.237	0.122	4.97	0.100	0.0237	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.165 (1)	0.165	4.97	0.0100	0.00165	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.135	0.135	4.97	0.0100	0.00135	N/A	6058195
Octa CDF **	pg/g	<0.457 (1)	0.457	9.95	0.000300	0.000137	N/A	6058195
Total Tetra CDF **	pg/g	<0.122 (1)	0.122	0.995	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.258	0.258	4.97	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	0.422	0.119	4.97	N/A	N/A	2	6058195
Total Hepta CDF **	pg/g	<0.196 (1)	0.196	4.97	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.630	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	130	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.136	0.136	0.991	1.00	0.136	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.131	0.131	4.95	1.00	0.131	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.186 (1)	0.186	4.95	0.100	0.0186	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.235 (1)	0.235	4.95	0.100	0.0235	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.221 (1)	0.221	4.95	0.100	0.0221	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.215 (1)	0.215	4.95	0.0100	0.00215	N/A	6058195
Octa CDD *	pg/g	0.521	0.213	9.91	0.000300	0.000156	N/A	6058195
Total Tetra CDD *	pg/g	<0.136	0.136	0.991	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.131	0.131	4.95	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.347 (1)	0.347	4.95	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.215 (1)	0.215	4.95	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.130 (2)	0.130	0.991	0.100	0.0130	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.95	0.0300	0.00357	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.113 (1)	0.113	4.95	0.300	0.0339	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	0.226	0.107	4.95	0.100	0.0226	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.122 (1)	0.122	4.95	0.100	0.0122	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	0.200	0.101	4.95	0.100	0.0200	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.129 (1)	0.129	4.95	0.100	0.0129	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.192 (1)	0.192	4.95	0.0100	0.00192	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.95	0.0100	0.00111	N/A	6058195
Octa CDF **	pg/g	0.422	0.153	9.91	0.000300	0.000127	N/A	6058195
Total Tetra CDF **	pg/g	<0.204 (1)	0.204	0.991	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Penta CDF **	pg/g	<0.130 (1)	0.130	4.95	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	0.426	0.106	4.95	N/A	N/A	2	6058195
Total Hepta CDF **	pg/g	<0.216 (1)	0.216	4.95	N/A	N/A	0	6058195
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.455	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.998	1.00	0.108	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.146	0.146	4.99	1.00	0.146	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.99	0.0100	0.00105	N/A	6058195
Octa CDD *	pg/g	<0.221	0.221	9.98	0.000300	0.0000663	N/A	6058195
Total Tetra CDD *	pg/g	<0.108	0.108	0.998	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.146	0.146	4.99	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.160 (1)	0.160	4.99	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.998	0.100	0.0107	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.99	0.0300	0.00348	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.99	0.300	0.0321	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.99	0.0100	0.00102	N/A	6058195
Octa CDF **	pg/g	<0.216	0.216	9.98	0.000300	0.0000648	N/A	6058195
Total Tetra CDF **	pg/g	<0.107	0.107	0.998	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.104	0.104	4.99	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.382	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.147	0.147	0.992	1.00	0.147	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.203	0.203	4.96	1.00	0.203	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.128	0.128	4.96	0.100	0.0128	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.125	0.125	4.96	0.100	0.0125	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.123	0.123	4.96	0.100	0.0123	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.96	0.0100	0.00115	N/A	6058195
Octa CDD *	pg/g	<0.402	0.402	9.92	0.000300	0.000121	N/A	6058195
Total Tetra CDD *	pg/g	<0.147	0.147	0.992	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.203	0.203	4.96	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.124	0.124	4.96	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.992	0.100	0.0115	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.149	0.149	4.96	0.0300	0.00447	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.137	0.137	4.96	0.300	0.0411	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0993	0.0993	4.96	0.100	0.00993	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.186	0.186	4.96	0.0100	0.00186	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.179	0.179	4.96	0.0100	0.00179	N/A	6058195
Octa CDF **	pg/g	<0.369	0.369	9.92	0.000300	0.000111	N/A	6058195
Total Tetra CDF **	pg/g	0.180	0.115	0.992	N/A	N/A	1	6058195
Total Penta CDF **	pg/g	<0.143	0.143	4.96	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.104	0.104	4.96	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.182	0.182	4.96	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.491	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.991	1.00	0.111	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.200	0.200	4.96	1.00	0.200	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.143	0.143	4.96	0.100	0.0143	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.138	0.138	4.96	0.100	0.0138	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.136	0.136	4.96	0.100	0.0136	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.96	0.0100	0.00110	N/A	6058195
Octa CDD *	pg/g	<0.303	0.303	9.91	0.000300	0.0000909	N/A	6058195
Total Tetra CDD *	pg/g	<0.111	0.111	0.991	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.200	0.200	4.96	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.138	0.138	4.96	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.991	0.100	0.0115	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.131	0.131	4.96	0.0300	0.00393	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.120	0.120	4.96	0.300	0.0360	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.124	0.124	4.96	0.100	0.0124	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.123	0.123	4.96	0.100	0.0123	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.96	0.100	0.0118	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.126	0.126	4.96	0.100	0.0126	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.96	0.0100	0.00114	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.96	0.0100	0.00109	N/A	6058195
Octa CDF **	pg/g	<0.186	0.186	9.91	0.000300	0.0000558	N/A	6058195
Total Tetra CDF **	pg/g	<0.115	0.115	0.991	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.125	0.125	4.96	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.123	0.123	4.96	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.111	0.111	4.96	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.457	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.255	0.255	0.992	1.00	0.255	N/A	6063796
1,2,3,7,8-Penta CDD *	pg/g	<0.340	0.340	4.96	1.00	0.340	N/A	6063796
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.158	0.158	4.96	0.100	0.0158	N/A	6063796
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.159	0.159	4.96	0.100	0.0159	N/A	6063796
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.168	0.168	4.96	0.100	0.0168	N/A	6063796
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.234	0.234	4.96	0.0100	0.00234	N/A	6063796
Octa CDD *	pg/g	0.761	0.339	9.92	0.000300	0.000228	N/A	6063796
Total Tetra CDD *	pg/g	<0.255	0.255	0.992	N/A	N/A	0	6063796
Total Penta CDD *	pg/g	<0.340	0.340	4.96	N/A	N/A	0	6063796
Total Hexa CDD *	pg/g	<0.166	0.166	4.96	N/A	N/A	0	6063796
Total Hepta CDD *	pg/g	<0.234	0.234	4.96	N/A	N/A	0	6063796
2,3,7,8-Tetra CDF **	pg/g	<0.230	0.230	0.992	0.100	0.0230	N/A	6063796
1,2,3,7,8-Penta CDF **	pg/g	<0.236	0.236	4.96	0.0300	0.00708	N/A	6063796
2,3,4,7,8-Penta CDF **	pg/g	<0.220	0.220	4.96	0.300	0.0660	N/A	6063796
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.197	0.197	4.96	0.100	0.0197	N/A	6063796
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.206	0.206	4.96	0.100	0.0206	N/A	6063796
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.188	0.188	4.96	0.100	0.0188	N/A	6063796
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.202	0.202	4.96	0.100	0.0202	N/A	6063796
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.185	0.185	4.96	0.0100	0.00185	N/A	6063796
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.176	0.176	4.96	0.0100	0.00176	N/A	6063796
Octa CDF **	pg/g	<0.328	0.328	9.92	0.000300	0.0000984	N/A	6063796
Total Tetra CDF **	pg/g	<0.230	0.230	0.992	N/A	N/A	0	6063796
Total Penta CDF **	pg/g	<0.227	0.227	4.96	N/A	N/A	0	6063796
Total Hexa CDF **	pg/g	<0.198	0.198	4.96	N/A	N/A	0	6063796
Total Hepta CDF **	pg/g	<0.180	0.180	4.96	N/A	N/A	0	6063796

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.825	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234678 HeptaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234678 HeptaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6063796
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6063796
C13-123478 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234789 HeptaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6063796
C13-123678 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6063796
C13-123678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6063796
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6063796
C13-12378 PentaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6063796
C13-123789 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6063796
C13-234678 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6063796
C13-23478 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6063796
C13-2378 TetraCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6063796
C13-2378 TetraCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6063796
C13-OCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6063796

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.183	0.183	0.994	1.00	0.183	N/A	6063796
1,2,3,7,8-Penta CDD *	pg/g	<0.190	0.190	4.97	1.00	0.190	N/A	6063796
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.178	0.178	4.97	0.100	0.0178	N/A	6063796
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.180	0.180	4.97	0.100	0.0180	N/A	6063796
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.190	0.190	4.97	0.100	0.0190	N/A	6063796
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.97	0.0100	0.00110	N/A	6063796
Octa CDD *	pg/g	<0.183	0.183	9.94	0.000300	0.0000549	N/A	6063796
Total Tetra CDD *	pg/g	<0.183	0.183	0.994	N/A	N/A	0	6063796
Total Penta CDD *	pg/g	<0.190	0.190	4.97	N/A	N/A	0	6063796
Total Hexa CDD *	pg/g	<0.188	0.188	4.97	N/A	N/A	0	6063796
Total Hepta CDD *	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6063796
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.994	0.100	0.0106	N/A	6063796
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.97	0.0300	0.00330	N/A	6063796
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	4.97	0.300	0.0306	N/A	6063796
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6063796
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.97	0.100	0.0115	N/A	6063796
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6063796
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6063796
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.122	0.122	4.97	0.0100	0.00122	N/A	6063796
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.117	0.117	4.97	0.0100	0.00117	N/A	6063796
Octa CDF **	pg/g	<0.117	0.117	9.94	0.000300	0.0000351	N/A	6063796
Total Tetra CDF **	pg/g	<0.106	0.106	0.994	N/A	N/A	0	6063796
Total Penta CDF **	pg/g	<0.106	0.106	4.97	N/A	N/A	0	6063796
Total Hexa CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6063796
Total Hepta CDF **	pg/g	<0.119	0.119	4.97	N/A	N/A	0	6063796

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.520	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234678 HeptaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234678 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6063796
C13-123478 HexaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6063796
C13-123478 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6063796
C13-1234789 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6063796
C13-123678 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6063796
C13-123678 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6063796
C13-12378 PentaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6063796
C13-12378 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6063796
C13-123789 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6063796
C13-234678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6063796
C13-23478 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6063796
C13-2378 TetraCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6063796
C13-2378 TetraCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6063796
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6063796

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.999	1.00	0.118	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.158	0.158	5.00	1.00	0.158	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.211	0.211	5.00	0.100	0.0211	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.204	0.204	5.00	0.100	0.0204	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.201	0.201	5.00	0.100	0.0201	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.223 (1)	0.223	5.00	0.0100	0.00223	N/A	6058195
Octa CDD *	pg/g	1.19	0.372	9.99	0.000300	0.000357	N/A	6058195
Total Tetra CDD *	pg/g	<0.118	0.118	0.999	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.158	0.158	5.00	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.204	0.204	5.00	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.223 (1)	0.223	5.00	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.999	0.100	0.0106	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.192 (2)	0.192	5.00	0.0300	0.00576	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.132	0.132	5.00	0.300	0.0396	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.157 (1)	0.157	5.00	0.100	0.0157	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111 (1)	0.111	5.00	0.100	0.0111	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.170 (1)	0.170	5.00	0.0100	0.00170	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.166	0.116	5.00	0.0100	0.00166	N/A	6058195
Octa CDF **	pg/g	0.380	0.207	9.99	0.000300	0.000114	N/A	6058195
Total Tetra CDF **	pg/g	<0.167 (1)	0.167	0.999	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.163 (2)	0.163	5.00	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.136 (1)	0.136	5.00	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	0.166	0.118	5.00	N/A	N/A	1	6058195
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.448	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	118	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.134	0.134	0.993	1.00	0.134	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.133	0.133	4.96	1.00	0.133	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.122	0.122	4.96	0.100	0.0122	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.96	0.100	0.0119	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.96	0.100	0.0117	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.192	0.192	4.96	0.0100	0.00192	N/A	6058195
Octa CDD *	pg/g	1.73	0.248	9.93	0.000300	0.000519	N/A	6058195
Total Tetra CDD *	pg/g	<0.134	0.134	0.993	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.133	0.133	4.96	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.210 (1)	0.210	4.96	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	0.240	0.192	4.96	N/A	N/A	1	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.121	0.121	0.993	0.100	0.0121	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.131	0.131	4.96	0.0300	0.00393	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.121	0.121	4.96	0.300	0.0363	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.152	0.152	4.96	0.0100	0.00152	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.146	0.146	4.96	0.0100	0.00146	N/A	6058195
Octa CDF **	pg/g	0.399	0.203	9.93	0.000300	0.000120	N/A	6058195
Total Tetra CDF **	pg/g	<0.146 (1)	0.146	0.993	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.126	0.126	4.96	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.149	0.149	4.96	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.405	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.994	1.00	0.113	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.124	0.124	4.97	1.00	0.124	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.97	0.0100	0.00112	N/A	6058195
Octa CDD *	pg/g	<0.235	0.235	9.94	0.000300	0.0000705	N/A	6058195
Total Tetra CDD *	pg/g	<0.113	0.113	0.994	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.124	0.124	4.97	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.104	0.104	4.97	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.112	0.112	4.97	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.994	0.100	0.0106	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.97	0.0300	0.00345	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.97	0.300	0.0318	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.97	0.100	0.0115	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.97	0.0100	0.00112	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.97	0.0100	0.00108	N/A	6058195
Octa CDF **	pg/g	<0.192	0.192	9.94	0.000300	0.0000576	N/A	6058195
Total Tetra CDF **	pg/g	<0.176 (1)	0.176	0.994	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.114	0.114	4.97	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.363	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	122	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.281	0.281	0.997	1.00	0.281	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.237	0.237	4.99	1.00	0.237	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.257	0.257	4.99	0.100	0.0257	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.249	0.249	4.99	0.100	0.0249	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.245	0.245	4.99	0.100	0.0245	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.253	0.253	4.99	0.0100	0.00253	N/A	6058195
Octa CDD *	pg/g	<0.496 (1)	0.496	9.97	0.000300	0.000149	N/A	6058195
Total Tetra CDD *	pg/g	<0.281	0.281	0.997	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.237	0.237	4.99	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.248	0.248	4.99	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.253	0.253	4.99	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.197	0.197	0.997	0.100	0.0197	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.223	0.223	4.99	0.0300	0.00669	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.206	0.206	4.99	0.300	0.0618	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.234	0.234	4.99	0.100	0.0234	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.233	0.233	4.99	0.100	0.0233	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.222	0.222	4.99	0.100	0.0222	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.238	0.238	4.99	0.100	0.0238	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.282	0.282	4.99	0.0100	0.00282	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.271	0.271	4.99	0.0100	0.00271	N/A	6058195
Octa CDF **	pg/g	<0.336	0.336	9.97	0.000300	0.000101	N/A	6058195
Total Tetra CDF **	pg/g	<0.197	0.197	0.997	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.214	0.214	4.99	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.232	0.232	4.99	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.276	0.276	4.99	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.782	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	24 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	24 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	21	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.995	1.00	0.116	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.253 (1)	0.253	4.97	1.00	0.253	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.193	0.193	4.97	0.100	0.0193	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.172 (1)	0.172	4.97	0.100	0.0172	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.185	0.185	4.97	0.100	0.0185	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.333	0.333	4.97	0.0100	0.00333	N/A	6058195
Octa CDD *	pg/g	<0.412 (1)	0.412	9.95	0.000300	0.000124	N/A	6058195
Total Tetra CDD *	pg/g	<0.116	0.116	0.995	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.253 (1)	0.253	4.97	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.200 (1)	0.200	4.97	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.333	0.333	4.97	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	0.156	0.115	0.995	0.100	0.0156	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.273	0.273	4.97	0.0300	0.00819	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.251	0.251	4.97	0.300	0.0753	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.241 (1)	0.241	4.97	0.100	0.0241	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.133 (1)	0.133	4.97	0.100	0.0133	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.145 (1)	0.145	4.97	0.100	0.0145	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.136 (1)	0.136	4.97	0.100	0.0136	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.255	0.134	4.97	0.0100	0.00255	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.257 (1)	0.257	4.97	0.0100	0.00257	N/A	6058195
Octa CDF **	pg/g	<0.248 (1)	0.248	9.95	0.000300	0.0000744	N/A	6058195
Total Tetra CDF **	pg/g	0.156	0.115	0.995	N/A	N/A	1	6058195
Total Penta CDF **	pg/g	<0.262	0.262	4.97	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.207 (1)	0.207	4.97	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	0.255	0.131	4.97	N/A	N/A	1	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.597	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.228	0.228	0.999	1.00	0.228	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.210 (1)	0.210	5.00	1.00	0.210	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.257	0.257	5.00	0.100	0.0257	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.250	0.250	5.00	0.100	0.0250	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.246	0.246	5.00	0.100	0.0246	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.290	0.290	5.00	0.0100	0.00290	N/A	6058195
Octa CDD *	pg/g	<0.489 (2)	0.489	9.99	0.000300	0.000147	N/A	6058195
Total Tetra CDD *	pg/g	<0.228	0.228	0.999	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.210	0.210	5.00	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.249	0.249	5.00	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.290	0.290	5.00	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.260	0.260	0.999	0.100	0.0260	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.250	0.250	5.00	0.0300	0.00750	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.230	0.230	5.00	0.300	0.0690	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.217	0.217	5.00	0.100	0.0217	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.216	0.216	5.00	0.100	0.0216	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.206	0.206	5.00	0.100	0.0206	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.220	0.220	5.00	0.100	0.0220	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.237	0.237	5.00	0.0100	0.00237	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.228	0.228	5.00	0.0100	0.00228	N/A	6058195
Octa CDF **	pg/g	<0.299	0.299	9.99	0.000300	0.0000897	N/A	6058195
Total Tetra CDF **	pg/g	<0.260	0.260	0.999	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.239	0.239	5.00	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.215	0.215	5.00	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) No additional sample available for rework

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.232	0.232	5.00	N/A	N/A	0	6058195
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.709	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	23	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.994	1.00	0.103	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.97	1.00	0.103	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.97	0.100	0.0101	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.131	0.112	4.97	0.0100	0.00131	N/A	6133366
Octa CDD *	pg/g	0.672	0.107	9.94	0.000300	0.000202	N/A	6133366
Total Tetra CDD *	pg/g	<0.103	0.103	0.994	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.103	0.103	4.97	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	<0.153 (1)	0.153	4.97	N/A	N/A	0	6133366
Total Hepta CDD *	pg/g	0.131	0.112	4.97	N/A	N/A	1	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.994	0.100	0.0104	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.97	0.0300	0.00366	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.97	0.300	0.0342	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.97	0.0100	0.00114	N/A	6133366
Octa CDF **	pg/g	<0.152 (1)	0.152	9.94	0.000300	0.0000456	N/A	6133366
Total Tetra CDF **	pg/g	<0.104	0.104	0.994	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	<0.118	0.118	4.97	N/A	N/A	0	6133366
Total Hexa CDF **	pg/g	<0.106	0.106	4.97	N/A	N/A	0	6133366
Total Hepta CDF **	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.332	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	123	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	142	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	125	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	135	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.169	0.169	0.999	1.00	0.169	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.144	0.144	5.00	1.00	0.144	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.126	0.126	5.00	0.100	0.0126	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.127	0.127	5.00	0.100	0.0127	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.135	0.135	5.00	0.100	0.0135	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.170	0.170	5.00	0.0100	0.00170	N/A	6058195
Octa CDD *	pg/g	<2.56 (1)	2.56	9.99	0.000300	0.000768	N/A	6058195
Total Tetra CDD *	pg/g	<0.169	0.169	0.999	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.144	0.144	5.00	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.133	0.133	5.00	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	0.529	0.170	5.00	N/A	N/A	1	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.171	0.171	0.999	0.100	0.0171	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.158	0.158	5.00	0.0300	0.00474	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.147	0.147	5.00	0.300	0.0441	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.150	0.150	5.00	0.100	0.0150	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.156	0.156	5.00	0.100	0.0156	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.143	0.143	5.00	0.100	0.0143	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.153	0.153	5.00	0.100	0.0153	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	5.00	0.0100	0.00116	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6058195
Octa CDF **	pg/g	<0.191	0.191	9.99	0.000300	0.0000573	N/A	6058195
Total Tetra CDF **	pg/g	<0.171	0.171	0.999	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.152	0.152	5.00	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	<0.150	0.150	5.00	N/A	N/A	0	6058195
Total Hepta CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.483	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	131	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	23 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery outside method acceptance criteria.
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.202	0.202	0.999	1.00	0.202	N/A	6058195
1,2,3,7,8-Penta CDD *	pg/g	<0.194	0.194	4.99	1.00	0.194	N/A	6058195
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.144	0.144	4.99	0.100	0.0144	N/A	6058195
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.146	0.146	4.99	0.100	0.0146	N/A	6058195
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.154	0.154	4.99	0.100	0.0154	N/A	6058195
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.199	0.199	4.99	0.0100	0.00199	N/A	6058195
Octa CDD *	pg/g	<0.621 (1)	0.621	9.99	0.000300	0.000186	N/A	6058195
Total Tetra CDD *	pg/g	<0.202	0.202	0.999	N/A	N/A	0	6058195
Total Penta CDD *	pg/g	<0.194	0.194	4.99	N/A	N/A	0	6058195
Total Hexa CDD *	pg/g	<0.152	0.152	4.99	N/A	N/A	0	6058195
Total Hepta CDD *	pg/g	<0.199	0.199	4.99	N/A	N/A	0	6058195
2,3,7,8-Tetra CDF **	pg/g	<0.194	0.194	0.999	0.100	0.0194	N/A	6058195
1,2,3,7,8-Penta CDF **	pg/g	<0.161	0.161	4.99	0.0300	0.00483	N/A	6058195
2,3,4,7,8-Penta CDF **	pg/g	<0.150	0.150	4.99	0.300	0.0450	N/A	6058195
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6058195
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6058195
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0985	0.0985	4.99	0.100	0.00985	N/A	6058195
1,2,3,7,8,9-Hexa CDF **	pg/g	0.291	0.106	4.99	0.100	0.0291	N/A	6058195
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.141	0.141	4.99	0.0100	0.00141	N/A	6058195
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.135	0.135	4.99	0.0100	0.00135	N/A	6058195
Octa CDF **	pg/g	<0.195	0.195	9.99	0.000300	0.0000585	N/A	6058195
Total Tetra CDF **	pg/g	<0.194	0.194	0.999	N/A	N/A	0	6058195
Total Penta CDF **	pg/g	<0.155	0.155	4.99	N/A	N/A	0	6058195
Total Hexa CDF **	pg/g	0.291	0.104	4.99	N/A	N/A	1	6058195
Total Hepta CDF **	pg/g	<0.138	0.138	4.99	N/A	N/A	0	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.575	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	122	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234678 HeptaCDF **	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDD *	%	31 (1)	N/A	N/A	N/A	N/A	N/A	6058195
C13-123478 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6058195
C13-1234789 HeptaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123678 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-12378 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6058195
C13-123789 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6058195
C13-234678 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6058195
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6058195
C13-2378 TetraCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6058195
C13-OCDD *	%	27	N/A	N/A	N/A	N/A	N/A	6058195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery outside method acceptance criteria.
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.997	1.00	0.108	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.98	1.00	0.108	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6113141
Octa CDD *	pg/g	<0.109	0.109	9.97	0.000300	0.0000327	N/A	6113141
Total Tetra CDD *	pg/g	<0.108	0.108	0.997	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.997	0.100	0.0104	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.0300	0.00324	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.300	0.0303	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0812	0.0812	4.98	0.0100	0.000812	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0794	0.0794	4.98	0.0100	0.000794	N/A	6113141
Octa CDF **	pg/g	<0.107	0.107	9.97	0.000300	0.0000321	N/A	6113141
Total Tetra CDF **	pg/g	<0.104	0.104	0.997	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0803	0.0803	4.98	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.336	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	139	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	128	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	148	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.995	1.00	0.109	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.97	1.00	0.117	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.97	0.100	0.0100	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113 (1)	0.113	4.97	0.0100	0.00113	N/A	6113141
Octa CDD *	pg/g	0.737	0.103	9.95	0.000300	0.000221	N/A	6113141
Total Tetra CDD *	pg/g	<0.109	0.109	0.995	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.117	0.117	4.97	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.113 (1)	0.113	4.97	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.172 (1)	0.172	0.995	0.100	0.0172	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.97	0.0300	0.00318	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0990	0.0990	4.97	0.300	0.0297	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.97	0.100	0.0122	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.97	0.100	0.0115	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.97	0.100	0.0120	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.97	0.0100	0.00110	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.97	0.0100	0.00108	N/A	6113141
Octa CDF **	pg/g	<0.103	0.103	9.95	0.000300	0.0000309	N/A	6113141
Total Tetra CDF **	pg/g	<0.172 (1)	0.172	0.995	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.102	0.102	4.97	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.119	0.119	4.97	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.358	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	126	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	135	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	126	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	146	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.993	1.00	0.115	N/A	6133366
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.96	1.00	0.111	N/A	6133366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109	N/A	6133366
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6133366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6133366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.524	0.112	4.96	0.0100	0.00524	N/A	6133366
Octa CDD *	pg/g	2.78	0.118	9.93	0.000300	0.000834	N/A	6133366
Total Tetra CDD *	pg/g	<0.115	0.115	0.993	N/A	N/A	0	6133366
Total Penta CDD *	pg/g	<0.111	0.111	4.96	N/A	N/A	0	6133366
Total Hexa CDD *	pg/g	<0.176 (1)	0.176	4.96	N/A	N/A	0	6133366
Total Hepta CDD *	pg/g	0.524	0.112	4.96	N/A	N/A	1	6133366
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.993	0.100	0.0104	N/A	6133366
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.0300	0.00315	N/A	6133366
2,3,4,7,8-Penta CDF **	pg/g	<0.0981	0.0981	4.96	0.300	0.0294	N/A	6133366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6133366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6133366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6133366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6133366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.170	0.110	4.96	0.0100	0.00170	N/A	6133366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.96	0.0100	0.00107	N/A	6133366
Octa CDF **	pg/g	0.486	0.106	9.93	0.000300	0.000146	N/A	6133366
Total Tetra CDF **	pg/g	<0.124 (1)	0.124	0.993	N/A	N/A	0	6133366
Total Penta CDF **	pg/g	<0.101	0.101	4.96	N/A	N/A	0	6133366
Total Hexa CDF **	pg/g	<0.107	0.107	4.96	N/A	N/A	0	6133366
Total Hepta CDF **	pg/g	0.369	0.109	4.96	N/A	N/A	2	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234678 HeptaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6133366
C13-123478 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6133366
C13-1234789 HeptaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6133366
C13-123678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6133366
C13-12378 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6133366
C13-123789 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6133366
C13-234678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6133366
C13-23478 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6133366
C13-2378 TetraCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6133366
C13-OCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6133366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.992	1.00	0.109	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.96	1.00	0.115	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.119	0.119	4.96	0.0100	0.00119	N/A	6113141
Octa CDD *	pg/g	0.318	0.118	9.92	0.000300	0.0000954	N/A	6113141
Total Tetra CDD *	pg/g	<0.109	0.109	0.992	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.111	0.111	4.96	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.119	0.119	4.96	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.992	0.100	0.0106	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.96	0.0300	0.00321	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.100	0.100	4.96	0.300	0.0300	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0992	0.0992	4.96	0.100	0.00992	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.131	0.112	4.96	0.0100	0.00131	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.96	0.0100	0.00110	N/A	6113141
Octa CDF **	pg/g	1.32	0.117	9.92	0.000300	0.000396	N/A	6113141
Total Tetra CDF **	pg/g	<0.106	0.106	0.992	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.104	0.104	4.96	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.102	0.102	4.96	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	0.131	0.111	4.96	N/A	N/A	1	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.346	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.994	1.00	0.108	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.97	1.00	0.105	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.97	0.0100	0.00104	N/A	6113141
Octa CDD *	pg/g	<0.116	0.116	9.94	0.000300	0.0000348	N/A	6113141
Total Tetra CDD *	pg/g	<0.108	0.108	0.994	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.107	0.107	4.97	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.104	0.104	4.97	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	0.194	0.100	0.994	0.100	0.0194	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	0.221	0.108	4.97	0.0300	0.00663	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.97	0.300	0.0303	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.97	0.100	0.0115	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.105	0.105	4.97	0.0100	0.00105	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.97	0.0100	0.00103	N/A	6113141
Octa CDF **	pg/g	<0.111	0.111	9.94	0.000300	0.0000333	N/A	6113141
Total Tetra CDF **	pg/g	0.598	0.100	0.994	N/A	N/A	3	6113141
Total Penta CDF **	pg/g	0.798	0.104	4.97	N/A	N/A	3	6113141
Total Hexa CDF **	pg/g	<0.159 (1)	0.159	4.97	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.104	0.104	4.97	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	140	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	126	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	148	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.998	1.00	0.108	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.99	1.00	0.119	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6113141
Octa CDD *	pg/g	0.154	0.105	9.98	0.000300	0.0000462	N/A	6113141
Total Tetra CDD *	pg/g	<0.108	0.108	0.998	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.119	0.119	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.998	0.100	0.0115	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.0300	0.00324	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.99	0.300	0.0303	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0991	0.0991	4.99	0.0100	0.000991	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0968	0.0968	4.99	0.0100	0.000968	N/A	6113141
Octa CDF **	pg/g	<0.114	0.114	9.98	0.000300	0.0000342	N/A	6113141
Total Tetra CDF **	pg/g	<0.115	0.115	0.998	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.104	0.104	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0979	0.0979	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.354	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	121	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	134	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	132	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	136	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.998	1.00	0.102	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.99	1.00	0.114	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6113141
Octa CDD *	pg/g	0.195	0.101	9.98	0.000300	0.0000585	N/A	6113141
Total Tetra CDD *	pg/g	<0.102	0.102	0.998	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.998	0.100	0.0104	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.0300	0.00342	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.300	0.0318	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.99	0.0100	0.00103	N/A	6113141
Octa CDF **	pg/g	<0.135 (1)	0.135	9.98	0.000300	0.0000405	N/A	6113141
Total Tetra CDF **	pg/g	<0.104	0.104	0.998	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.991	1.00	0.114	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.101	0.101	4.95	1.00	0.101	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.95	0.100	0.0106	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.95	0.100	0.0103	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.95	0.0100	0.00104	N/A	6113141
Octa CDD *	pg/g	0.179	0.110	9.91	0.000300	0.0000537	N/A	6113141
Total Tetra CDD *	pg/g	<0.114	0.114	0.991	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.101	0.101	4.95	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.116 (1)	0.116	4.95	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.104	0.104	4.95	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.991	0.100	0.0110	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.103	0.103	4.95	0.0300	0.00309	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0965	0.0965	4.95	0.300	0.0290	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.95	0.100	0.0112	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.95	0.100	0.0109	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.95	0.100	0.0106	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0779	0.0779	4.95	0.0100	0.000779	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0761	0.0761	4.95	0.0100	0.000761	N/A	6113141
Octa CDF **	pg/g	<0.110	0.110	9.91	0.000300	0.0000330	N/A	6113141
Total Tetra CDF **	pg/g	<0.110	0.110	0.991	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.0998	0.0998	4.95	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.109	0.109	4.95	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0770	0.0770	4.95	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.336	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.999	1.00	0.111	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	5.00	1.00	0.112	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6113141
Octa CDD *	pg/g	0.212	0.107	9.99	0.000300	0.0000636	N/A	6113141
Total Tetra CDD *	pg/g	<0.111	0.111	0.999	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.121 (1)	0.121	5.00	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.110	0.110	5.00	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.118	0.118	0.999	0.100	0.0118	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	5.00	0.0300	0.00321	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0994	0.0994	5.00	0.300	0.0298	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	5.00	0.100	0.0100	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0881	0.0881	5.00	0.0100	0.000881	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0861	0.0861	5.00	0.0100	0.000861	N/A	6113141
Octa CDF **	pg/g	<0.108	0.108	9.99	0.000300	0.0000324	N/A	6113141
Total Tetra CDF **	pg/g	<0.118	0.118	0.999	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.103	0.103	5.00	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.103	0.103	5.00	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0871	0.0871	5.00	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	147	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	134	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	152	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.995	1.00	0.105	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.97	1.00	0.108	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.97	0.0100	0.00115	N/A	6113141
Octa CDD *	pg/g	<0.113	0.113	9.95	0.000300	0.0000339	N/A	6113141
Total Tetra CDD *	pg/g	<0.105	0.105	0.995	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.107	0.107	4.97	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.995	0.100	0.0116	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.0830	0.0830	4.97	0.0300	0.00249	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0775	0.0775	4.97	0.300	0.0233	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0672	0.0672	4.97	0.0100	0.000672	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0657	0.0657	4.97	0.0100	0.000657	N/A	6113141
Octa CDF **	pg/g	<0.0841	0.0841	9.95	0.000300	0.0000252	N/A	6113141
Total Tetra CDF **	pg/g	<0.116	0.116	0.995	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.0801	0.0801	4.97	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0664	0.0664	4.97	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.327	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.997	1.00	0.103	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6113141
Octa CDD *	pg/g	0.140	0.112	9.97	0.000300	0.0000420	N/A	6113141
Total Tetra CDD *	pg/g	<0.103	0.103	0.997	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	0.101	0.100	0.997	0.100	0.0101	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.0884	0.0884	4.98	0.0300	0.00265	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0825	0.0825	4.98	0.300	0.0248	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0558	0.0558	4.98	0.0100	0.000558	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0545	0.0545	4.98	0.0100	0.000545	N/A	6113141
Octa CDF **	pg/g	<0.0900	0.0900	9.97	0.000300	0.0000270	N/A	6113141
Total Tetra CDF **	pg/g	0.101	0.100	0.997	N/A	N/A	1	6113141
Total Penta CDF **	pg/g	<0.0854	0.0854	4.98	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0551	0.0551	4.98	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.337	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.994	1.00	0.106	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.97	1.00	0.103	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.97	0.0100	0.00115	N/A	6113141
Octa CDD *	pg/g	<0.103	0.103	9.94	0.000300	0.0000309	N/A	6113141
Total Tetra CDD *	pg/g	<0.106	0.106	0.994	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.103	0.103	4.97	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.994	0.100	0.0103	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.0300	0.00324	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.97	0.300	0.0303	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.97	0.100	0.0100	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0971	0.0971	4.97	0.100	0.00971	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.97	0.100	0.0101	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0553	0.0553	4.97	0.0100	0.000553	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0541	0.0541	4.97	0.0100	0.000541	N/A	6113141
Octa CDF **	pg/g	<0.110	0.110	9.94	0.000300	0.0000330	N/A	6113141
Total Tetra CDF **	pg/g	<0.103	0.103	0.994	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.104	0.104	4.97	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.100	0.100	4.97	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0547	0.0547	4.97	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.328	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	133	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	133	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.991	1.00	0.104	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.96	1.00	0.108	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.96	0.0100	0.00106	N/A	6113141
Octa CDD *	pg/g	<0.107	0.107	9.91	0.000300	0.0000321	N/A	6113141
Total Tetra CDD *	pg/g	<0.104	0.104	0.991	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.114 (1)	0.114	4.96	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.106	0.106	4.96	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.991	0.100	0.0110	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.0955	0.0955	4.96	0.0300	0.00287	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0891	0.0891	4.96	0.300	0.0267	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.96	0.100	0.0120	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.96	0.100	0.0117	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.96	0.100	0.0118	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0723	0.0723	4.96	0.0100	0.000723	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0707	0.0707	4.96	0.0100	0.000707	N/A	6113141
Octa CDF **	pg/g	<0.0973	0.0973	9.91	0.000300	0.0000292	N/A	6113141
Total Tetra CDF **	pg/g	<0.110	0.110	0.991	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.0922	0.0922	4.96	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.117	0.117	4.96	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0715	0.0715	4.96	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.334	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	125	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	141	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	131	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	138	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.120	0.120	0.999	1.00	0.120	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.99	1.00	0.116	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	0.112	0.112	4.99	0.100	0.0112	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6113141
Octa CDD *	pg/g	<0.117	0.117	9.99	0.000300	0.0000351	N/A	6113141
Total Tetra CDD *	pg/g	<0.120	0.120	0.999	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	0.122	0.114	4.99	N/A	N/A	1	6113141
Total Hepta CDD *	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	0.324	0.105	0.999	0.100	0.0324	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.0300	0.00312	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0972	0.0972	4.99	0.300	0.0292	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0558	0.0558	4.99	0.0100	0.000558	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0546	0.0546	4.99	0.0100	0.000546	N/A	6113141
Octa CDF **	pg/g	<0.0768	0.0768	9.99	0.000300	0.0000230	N/A	6113141
Total Tetra CDF **	pg/g	0.324	0.105	0.999	N/A	N/A	1	6113141
Total Penta CDF **	pg/g	<0.101	0.101	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0552	0.0552	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.384	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.998	1.00	0.103	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.99	1.00	0.103	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6113141
Octa CDD *	pg/g	0.131	0.103	9.98	0.000300	0.0000393	N/A	6113141
Total Tetra CDD *	pg/g	<0.103	0.103	0.998	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.125 (1)	0.125	4.99	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.998	0.100	0.0108	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.99	0.0300	0.00336	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.300	0.0312	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.99	0.0100	0.00102	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.99	0.0100	0.00100	N/A	6113141
Octa CDF **	pg/g	<0.104	0.104	9.98	0.000300	0.0000312	N/A	6113141
Total Tetra CDF **	pg/g	0.111	0.108	0.998	N/A	N/A	1	6113141
Total Penta CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.101	0.101	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.334	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	133	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	139	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0995	0.0995	0.991	1.00	0.0995	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.96	1.00	0.103	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0999	0.0999	4.96	0.100	0.00999	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0976	0.0976	4.96	0.100	0.00976	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.96	0.0100	0.00105	N/A	6113141
Octa CDD *	pg/g	<0.112	0.112	9.91	0.000300	0.0000336	N/A	6113141
Total Tetra CDD *	pg/g	<0.0995	0.0995	0.991	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.162 (1)	0.162	4.96	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.105	0.105	4.96	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.991	0.100	0.0113	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.96	0.0300	0.00369	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.115	0.115	4.96	0.300	0.0345	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.96	0.100	0.0100	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0971	0.0971	4.96	0.100	0.00971	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.96	0.100	0.0101	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.96	0.0100	0.00109	N/A	6113141
Octa CDF **	pg/g	<0.0999	0.0999	9.91	0.000300	0.0000300	N/A	6113141
Total Tetra CDF **	pg/g	<0.113	0.113	0.991	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.118	0.118	4.96	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.100	0.100	4.96	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.111	0.111	4.96	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.326	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	130	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	131	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	129	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	137	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.999	1.00	0.108	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	5.00	1.00	0.118	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	5.00	0.100	0.0112	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	5.00	0.0100	0.00104	N/A	6113141
Octa CDD *	pg/g	<0.103	0.103	9.99	0.000300	0.0000309	N/A	6113141
Total Tetra CDD *	pg/g	<0.108	0.108	0.999	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.118	0.118	5.00	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.120 (1)	0.120	5.00	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.104	0.104	5.00	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.999	0.100	0.0116	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	5.00	0.0300	0.00342	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	5.00	0.300	0.0318	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	5.00	0.100	0.0119	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	5.00	0.100	0.0112	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0590	0.0590	5.00	0.0100	0.000590	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0577	0.0577	5.00	0.0100	0.000577	N/A	6113141
Octa CDF **	pg/g	<0.0992	0.0992	9.99	0.000300	0.0000298	N/A	6113141
Total Tetra CDF **	pg/g	<0.116	0.116	0.999	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.110	0.110	5.00	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.116	0.116	5.00	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.0583	0.0583	5.00	N/A	N/A	0	6113141
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.999	1.00	0.112	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	5.00	1.00	0.111	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	5.00	0.0100	0.00111	N/A	6113141
Octa CDD *	pg/g	<0.109	0.109	9.99	0.000300	0.0000327	N/A	6113141
Total Tetra CDD *	pg/g	<0.112	0.112	0.999	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.134 (1)	0.134	5.00	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	0.246	0.112	0.999	0.100	0.0246	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	5.00	0.0300	0.00327	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	5.00	0.300	0.0306	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0975	0.0975	5.00	0.100	0.00975	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0927	0.0927	5.00	0.0100	0.000927	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0906	0.0906	5.00	0.0100	0.000906	N/A	6113141
Octa CDF **	pg/g	<0.114	0.114	9.99	0.000300	0.0000342	N/A	6113141
Total Tetra CDF **	pg/g	0.246	0.112	0.999	N/A	N/A	1	6113141
Total Penta CDF **	pg/g	<0.106	0.106	5.00	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.101	0.101	5.00	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0916	0.0916	5.00	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.357	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	126	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.998	1.00	0.102	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.102	0.102	4.99	1.00	0.102	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6113141
Octa CDD *	pg/g	<0.116	0.116	9.98	0.000300	0.0000348	N/A	6113141
Total Tetra CDD *	pg/g	<0.102	0.102	0.998	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.142 (1)	0.142	4.99	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.998	0.100	0.0110	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.102	0.102	4.99	0.0300	0.00306	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0951	0.0951	4.99	0.300	0.0285	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0632	0.0632	4.99	0.0100	0.000632	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0618	0.0618	4.99	0.0100	0.000618	N/A	6113141
Octa CDF **	pg/g	<0.0711	0.0711	9.98	0.000300	0.0000213	N/A	6113141
Total Tetra CDF **	pg/g	<0.110	0.110	0.998	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.0984	0.0984	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.113	0.113	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0625	0.0625	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.326	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	150	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	137	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	152	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.994	1.00	0.106	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.97	1.00	0.115	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.122	0.122	4.97	0.100	0.0122	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.114	0.114	4.97	0.100	0.0114	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.97	0.0100	0.00112	N/A	6113141
Octa CDD *	pg/g	<0.104	0.104	9.94	0.000300	0.0000312	N/A	6113141
Total Tetra CDD *	pg/g	<0.106	0.106	0.994	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.128 (1)	0.128	4.97	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.112	0.112	4.97	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.994	0.100	0.0105	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.97	0.0300	0.00315	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0982	0.0982	4.97	0.300	0.0295	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0993	0.0993	4.97	0.100	0.00993	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0622	0.0622	4.97	0.0100	0.000622	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0608	0.0608	4.97	0.0100	0.000608	N/A	6113141
Octa CDF **	pg/g	<0.0924	0.0924	9.94	0.000300	0.0000277	N/A	6113141
Total Tetra CDF **	pg/g	<0.105	0.105	0.994	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.102	0.102	4.97	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.103	0.103	4.97	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0615	0.0615	4.97	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.997	1.00	0.101	N/A	6113141
1,2,3,7,8-Penta CDD *	pg/g	<0.0992	0.0992	4.99	1.00	0.0992	N/A	6113141
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6113141
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0983	0.0983	4.99	0.100	0.00983	N/A	6113141
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0960	0.0960	4.99	0.100	0.00960	N/A	6113141
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.101	0.101	4.99	0.0100	0.00101	N/A	6113141
Octa CDD *	pg/g	<0.115	0.115	9.97	0.000300	0.0000345	N/A	6113141
Total Tetra CDD *	pg/g	<0.101	0.101	0.997	N/A	N/A	0	6113141
Total Penta CDD *	pg/g	<0.0992	0.0992	4.99	N/A	N/A	0	6113141
Total Hexa CDD *	pg/g	<0.136 (1)	0.136	4.99	N/A	N/A	0	6113141
Total Hepta CDD *	pg/g	<0.101	0.101	4.99	N/A	N/A	0	6113141
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.997	0.100	0.0104	N/A	6113141
1,2,3,7,8-Penta CDF **	pg/g	<0.100	0.100	4.99	0.0300	0.00300	N/A	6113141
2,3,4,7,8-Penta CDF **	pg/g	<0.0936	0.0936	4.99	0.300	0.0281	N/A	6113141
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6113141
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6113141
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6113141
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6113141
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0767	0.0767	4.99	0.0100	0.000767	N/A	6113141
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0750	0.0750	4.99	0.0100	0.000750	N/A	6113141
Octa CDF **	pg/g	<0.114	0.114	9.97	0.000300	0.0000342	N/A	6113141
Total Tetra CDF **	pg/g	<0.104	0.104	0.997	N/A	N/A	0	6113141
Total Penta CDF **	pg/g	<0.0968	0.0968	4.99	N/A	N/A	0	6113141
Total Hexa CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6113141
Total Hepta CDF **	pg/g	<0.0758	0.0758	4.99	N/A	N/A	0	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.320	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234678 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6113141
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6113141
C13-12378 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6113141
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6113141
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6113141
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6113141
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6113141
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6113141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.992	1.00	0.104	N/A	6075060
1,2,3,7,8-Penta CDD *	pg/g	<0.0962	0.0962	4.96	1.00	0.0962	N/A	6075060
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6075060
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6075060
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6075060
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.121	0.121	4.96	0.0100	0.00121	N/A	6075060
Octa CDD *	pg/g	0.215	0.0961	9.92	0.000300	0.0000645	N/A	6075060
Total Tetra CDD *	pg/g	<0.104	0.104	0.992	N/A	N/A	0	6075060
Total Penta CDD *	pg/g	<0.0962	0.0962	4.96	N/A	N/A	0	6075060
Total Hexa CDD *	pg/g	<0.106	0.106	4.96	N/A	N/A	0	6075060
Total Hepta CDD *	pg/g	<0.121	0.121	4.96	N/A	N/A	0	6075060
2,3,7,8-Tetra CDF **	pg/g	<0.0956	0.0956	0.992	0.100	0.00956	N/A	6075060
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.96	0.0300	0.00324	N/A	6075060
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.96	0.300	0.0303	N/A	6075060
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0985	0.0985	4.96	0.100	0.00985	N/A	6075060
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6075060
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0949	0.0949	4.96	0.100	0.00949	N/A	6075060
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0999	0.0999	4.96	0.100	0.00999	N/A	6075060
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0982	0.0982	4.96	0.0100	0.000982	N/A	6075060
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0944	0.0944	4.96	0.0100	0.000944	N/A	6075060
Octa CDF **	pg/g	<0.0985	0.0985	9.92	0.000300	0.0000296	N/A	6075060
Total Tetra CDF **	pg/g	<0.0956	0.0956	0.992	N/A	N/A	0	6075060
Total Penta CDF **	pg/g	<0.105	0.105	4.96	N/A	N/A	0	6075060
Total Hexa CDF **	pg/g	<0.0990	0.0990	4.96	N/A	N/A	0	6075060
Total Hepta CDF **	pg/g	<0.0963	0.0963	4.96	N/A	N/A	0	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.318	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234789 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6075060
C13-123789 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6075060
C13-234678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6075060
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6075060
C13-OCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0923	0.0923	0.994	1.00	0.0923	N/A	6075060
1,2,3,7,8-Penta CDD *	pg/g	<0.0948	0.0948	4.97	1.00	0.0948	N/A	6075060
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0975	0.0975	4.97	0.100	0.00975	N/A	6075060
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0973	0.0973	4.97	0.100	0.00973	N/A	6075060
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6075060
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.97	0.0100	0.00105	N/A	6075060
Octa CDD *	pg/g	<0.110	0.110	9.94	0.000300	0.0000330	N/A	6075060
Total Tetra CDD *	pg/g	<0.0923	0.0923	0.994	N/A	N/A	0	6075060
Total Penta CDD *	pg/g	<0.0948	0.0948	4.97	N/A	N/A	0	6075060
Total Hexa CDD *	pg/g	<0.100	0.100	4.97	N/A	N/A	0	6075060
Total Hepta CDD *	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6075060
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.994	0.100	0.0107	N/A	6075060
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.97	0.0300	0.00354	N/A	6075060
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.97	0.300	0.0330	N/A	6075060
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0773	0.0773	4.97	0.100	0.00773	N/A	6075060
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0809	0.0809	4.97	0.100	0.00809	N/A	6075060
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0745	0.0745	4.97	0.100	0.00745	N/A	6075060
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0784	0.0784	4.97	0.100	0.00784	N/A	6075060
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0742	0.0742	4.97	0.0100	0.000742	N/A	6075060
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0714	0.0714	4.97	0.0100	0.000714	N/A	6075060
Octa CDF **	pg/g	<0.107	0.107	9.94	0.000300	0.0000321	N/A	6075060
Total Tetra CDF **	pg/g	<0.107	0.107	0.994	N/A	N/A	0	6075060
Total Penta CDF **	pg/g	<0.114	0.114	4.97	N/A	N/A	0	6075060
Total Hexa CDF **	pg/g	<0.0777	0.0777	4.97	N/A	N/A	0	6075060
Total Hepta CDF **	pg/g	<0.0728	0.0728	4.97	N/A	N/A	0	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.298	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6075060
C13-123789 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6075060
C13-234678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6075060
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6075060
C13-OCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.164	0.164	0.998	1.00	0.164	N/A	6075060
1,2,3,7,8-Penta CDD *	pg/g	<0.133	0.133	4.99	1.00	0.133	N/A	6075060
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.181	0.181	4.99	0.100	0.0181	N/A	6075060
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.181	0.181	4.99	0.100	0.0181	N/A	6075060
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.190	0.190	4.99	0.100	0.0190	N/A	6075060
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.197	0.197	4.99	0.0100	0.00197	N/A	6075060
Octa CDD *	pg/g	<0.202	0.202	9.98	0.000300	0.0000606	N/A	6075060
Total Tetra CDD *	pg/g	<0.164	0.164	0.998	N/A	N/A	0	6075060
Total Penta CDD *	pg/g	<0.133	0.133	4.99	N/A	N/A	0	6075060
Total Hexa CDD *	pg/g	<0.186	0.186	4.99	N/A	N/A	0	6075060
Total Hepta CDD *	pg/g	<0.197	0.197	4.99	N/A	N/A	0	6075060
2,3,7,8-Tetra CDF **	pg/g	<0.168	0.168	0.998	0.100	0.0168	N/A	6075060
1,2,3,7,8-Penta CDF **	pg/g	<0.166	0.166	4.99	0.0300	0.00498	N/A	6075060
2,3,4,7,8-Penta CDF **	pg/g	<0.155	0.155	4.99	0.300	0.0465	N/A	6075060
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6075060
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	6075060
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6075060
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.136	0.136	4.99	0.100	0.0136	N/A	6075060
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.138	0.138	4.99	0.0100	0.00138	N/A	6075060
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.133	0.133	4.99	0.0100	0.00133	N/A	6075060
Octa CDF **	pg/g	<0.278	0.278	9.98	0.000300	0.0000834	N/A	6075060
Total Tetra CDF **	pg/g	<0.168	0.168	0.998	N/A	N/A	0	6075060
Total Penta CDF **	pg/g	<0.160	0.160	4.99	N/A	N/A	0	6075060
Total Hexa CDF **	pg/g	<0.135	0.135	4.99	N/A	N/A	0	6075060
Total Hepta CDF **	pg/g	<0.135	0.135	4.99	N/A	N/A	0	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.479	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234789 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6075060
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6075060
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6075060
C13-23478 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6075060
C13-OCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.257	0.257	0.998	1.00	0.257	N/A	6068347
1,2,3,7,8-Penta CDD *	pg/g	<0.219	0.219	4.99	1.00	0.219	N/A	6068347
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.197	0.197	4.99	0.100	0.0197	N/A	6068347
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.198	0.198	4.99	0.100	0.0198	N/A	6068347
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.210	0.210	4.99	0.100	0.0210	N/A	6068347
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.225	0.225	4.99	0.0100	0.00225	N/A	6068347
Octa CDD *	pg/g	<0.300	0.300	9.98	0.000300	0.0000900	N/A	6068347
Total Tetra CDD *	pg/g	<0.257	0.257	0.998	N/A	N/A	0	6068347
Total Penta CDD *	pg/g	<0.219	0.219	4.99	N/A	N/A	0	6068347
Total Hexa CDD *	pg/g	<0.207	0.207	4.99	N/A	N/A	0	6068347
Total Hepta CDD *	pg/g	<0.225	0.225	4.99	N/A	N/A	0	6068347
2,3,7,8-Tetra CDF **	pg/g	<0.142	0.142	0.998	0.100	0.0142	N/A	6068347
1,2,3,7,8-Penta CDF **	pg/g	<0.201	0.201	4.99	0.0300	0.00603	N/A	6068347
2,3,4,7,8-Penta CDF **	pg/g	<0.187	0.187	4.99	0.300	0.0561	N/A	6068347
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.224	0.224	4.99	0.100	0.0224	N/A	6068347
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.233	0.233	4.99	0.100	0.0233	N/A	6068347
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.213	0.213	4.99	0.100	0.0213	N/A	6068347
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.228	0.228	4.99	0.100	0.0228	N/A	6068347
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.149	0.149	4.99	0.0100	0.00149	N/A	6068347
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.99	0.0100	0.00142	N/A	6068347
Octa CDF **	pg/g	<0.271	0.271	9.98	0.000300	0.0000813	N/A	6068347
Total Tetra CDF **	pg/g	<0.142	0.142	0.998	N/A	N/A	0	6068347
Total Penta CDF **	pg/g	<0.194	0.194	4.99	N/A	N/A	0	6068347
Total Hexa CDF **	pg/g	<0.224	0.224	4.99	N/A	N/A	0	6068347
Total Hepta CDF **	pg/g	<0.145	0.145	4.99	N/A	N/A	0	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.708	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	121	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234789 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6068347
C13-123789 HexaCDF **	%	40	N/A	N/A	N/A	N/A	N/A	6068347
C13-234678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6068347
C13-23478 PentaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6068347
C13-OCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.184	0.184	0.996	1.00	0.184	N/A	6068347
1,2,3,7,8-Penta CDD *	pg/g	<0.327	0.327	4.98	1.00	0.327	N/A	6068347
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.212	0.212	4.98	0.100	0.0212	N/A	6068347
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.213	0.213	4.98	0.100	0.0213	N/A	6068347
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.226	0.226	4.98	0.100	0.0226	N/A	6068347
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.346	0.346	4.98	0.0100	0.00346	N/A	6068347
Octa CDD *	pg/g	0.758	0.313	9.96	0.000300	0.000227	N/A	6068347
Total Tetra CDD *	pg/g	<0.184	0.184	0.996	N/A	N/A	0	6068347
Total Penta CDD *	pg/g	<0.327	0.327	4.98	N/A	N/A	0	6068347
Total Hexa CDD *	pg/g	<0.223	0.223	4.98	N/A	N/A	0	6068347
Total Hepta CDD *	pg/g	<0.346	0.346	4.98	N/A	N/A	0	6068347
2,3,7,8-Tetra CDF **	pg/g	<0.363	0.363	0.996	0.100	0.0363	N/A	6068347
1,2,3,7,8-Penta CDF **	pg/g	<0.209	0.209	4.98	0.0300	0.00627	N/A	6068347
2,3,4,7,8-Penta CDF **	pg/g	<0.194	0.194	4.98	0.300	0.0582	N/A	6068347
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.253	0.253	4.98	0.100	0.0253	N/A	6068347
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.264	0.264	4.98	0.100	0.0264	N/A	6068347
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.241	0.241	4.98	0.100	0.0241	N/A	6068347
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.258	0.258	4.98	0.100	0.0258	N/A	6068347
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.240	0.240	4.98	0.0100	0.00240	N/A	6068347
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.229	0.229	4.98	0.0100	0.00229	N/A	6068347
Octa CDF **	pg/g	<0.343	0.343	9.96	0.000300	0.000103	N/A	6068347
Total Tetra CDF **	pg/g	<0.363	0.363	0.996	N/A	N/A	0	6068347
Total Penta CDF **	pg/g	<0.201	0.201	4.98	N/A	N/A	0	6068347
Total Hexa CDF **	pg/g	<0.254	0.254	4.98	N/A	N/A	0	6068347
Total Hepta CDF **	pg/g	<0.234	0.234	4.98	N/A	N/A	0	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.787	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDD *	%	29 (1)	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234789 HeptaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDF **	%	24	N/A	N/A	N/A	N/A	N/A	6068347
C13-123789 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6068347
C13-234678 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6068347
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDD *	%	25	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6068347
C13-OCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery outside method acceptance criteria.
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.162	0.162	0.996	1.00	0.162	N/A	6075060
1,2,3,7,8-Penta CDD *	pg/g	<0.122	0.122	4.98	1.00	0.122	N/A	6075060
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.98	0.100	0.0142	N/A	6075060
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.98	0.100	0.0142	N/A	6075060
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.149	0.149	4.98	0.100	0.0149	N/A	6075060
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6075060
Octa CDD *	pg/g	<0.190	0.190	9.96	0.000300	0.0000570	N/A	6075060
Total Tetra CDD *	pg/g	<0.162	0.162	0.996	N/A	N/A	0	6075060
Total Penta CDD *	pg/g	<0.122	0.122	4.98	N/A	N/A	0	6075060
Total Hexa CDD *	pg/g	<0.146	0.146	4.98	N/A	N/A	0	6075060
Total Hepta CDD *	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6075060
2,3,7,8-Tetra CDF **	pg/g	<0.171	0.171	0.996	0.100	0.0171	N/A	6075060
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.98	0.0300	0.00345	N/A	6075060
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.300	0.0324	N/A	6075060
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	4.98	0.100	0.0131	N/A	6075060
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.98	0.100	0.0137	N/A	6075060
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.98	0.100	0.0126	N/A	6075060
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.133	0.133	4.98	0.100	0.0133	N/A	6075060
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0853	0.0853	4.98	0.0100	0.000853	N/A	6075060
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0821	0.0821	4.98	0.0100	0.000821	N/A	6075060
Octa CDF **	pg/g	<0.150	0.150	9.96	0.000300	0.0000450	N/A	6075060
Total Tetra CDF **	pg/g	<0.171	0.171	0.996	N/A	N/A	0	6075060
Total Penta CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6075060
Total Hexa CDF **	pg/g	<0.131	0.131	4.98	N/A	N/A	0	6075060
Total Hepta CDF **	pg/g	<0.0837	0.0837	4.98	N/A	N/A	0	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.436	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDD *	%	139	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234678 HeptaCDF **	%	130	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6075060
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6075060
C13-1234789 HeptaCDF **	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6075060
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6075060
C13-12378 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6075060
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6075060
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6075060
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6075060
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6075060
C13-OCDD *	%	148	N/A	N/A	N/A	N/A	N/A	6075060

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) Recovery outside method acceptance criteria.
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.140	0.140	0.997	1.00	0.140	N/A	6068347
1,2,3,7,8-Penta CDD *	pg/g	<0.151	0.151	4.98	1.00	0.151	N/A	6068347
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.200	0.200	4.98	0.100	0.0200	N/A	6068347
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.201	0.201	4.98	0.100	0.0201	N/A	6068347
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.213	0.213	4.98	0.100	0.0213	N/A	6068347
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.275	0.275	4.98	0.0100	0.00275	N/A	6068347
Octa CDD *	pg/g	<0.236	0.236	9.97	0.000300	0.0000708	N/A	6068347
Total Tetra CDD *	pg/g	<0.140	0.140	0.997	N/A	N/A	0	6068347
Total Penta CDD *	pg/g	<0.151	0.151	4.98	N/A	N/A	0	6068347
Total Hexa CDD *	pg/g	<0.211	0.211	4.98	N/A	N/A	0	6068347
Total Hepta CDD *	pg/g	<0.275	0.275	4.98	N/A	N/A	0	6068347
2,3,7,8-Tetra CDF **	pg/g	<0.258	0.258	0.997	0.100	0.0258	N/A	6068347
1,2,3,7,8-Penta CDF **	pg/g	<0.369	0.369	4.98	0.0300	0.0111	N/A	6068347
2,3,4,7,8-Penta CDF **	pg/g	<0.344	0.344	4.98	0.300	0.103	N/A	6068347
1,2,3,4,7,8-Hexa CDF **	pg/g	0.245	0.120	4.98	0.100	0.0245	N/A	6068347
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.125	0.125	4.98	0.100	0.0125	N/A	6068347
2,3,4,6,7,8-Hexa CDF **	pg/g	0.153	0.115	4.98	0.100	0.0153	N/A	6068347
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.123	0.123	4.98	0.100	0.0123	N/A	6068347
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.278	0.151	4.98	0.0100	0.00278	N/A	6068347
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.144	0.144	4.98	0.0100	0.00144	N/A	6068347
Octa CDF **	pg/g	<0.108	0.108	9.97	0.000300	0.0000324	N/A	6068347
Total Tetra CDF **	pg/g	<0.258	0.258	0.997	N/A	N/A	0	6068347
Total Penta CDF **	pg/g	<0.356	0.356	4.98	N/A	N/A	0	6068347
Total Hexa CDF **	pg/g	0.399	0.121	4.98	N/A	N/A	2	6068347
Total Hepta CDF **	pg/g	0.278	0.147	4.98	N/A	N/A	1	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.564	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6068347
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6068347
C13-1234789 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6068347
C13-123678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6068347
C13-12378 PentaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6068347
C13-123789 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6068347
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6068347
C13-23478 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6068347
C13-2378 TetraCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6068347
C13-OCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6068347

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ469						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.957	1.00	0.111	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.393	0.107	4.79	1.00	0.393	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.79	0.100	0.0104	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.852	0.0996	4.79	0.100	0.0852	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.291 (1)	0.291	4.79	0.100	0.0291	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.09	0.109	4.79	0.0100	0.0209	N/A	6088450
Octa CDD *	pg/g	2.32	0.0982	9.57	0.000300	0.000696	N/A	6088450
Total Tetra CDD *	pg/g	<0.231 (1)	0.231	0.957	N/A	N/A	0	6088450
Total Penta CDD *	pg/g	0.393	0.107	4.79	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	2.65	0.102	4.79	N/A	N/A	2	6088450
Total Hepta CDD *	pg/g	5.30	0.109	4.79	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.08	0.111	0.957	0.100	0.108	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.79	0.0300	0.00333	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.156 (1)	0.156	4.79	0.300	0.0468	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.79	0.100	0.0111	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.79	0.100	0.0108	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.79	0.100	0.0105	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.79	0.100	0.0109	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.366	0.110	4.79	0.0100	0.00366	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.79	0.0100	0.00108	N/A	6088450
Octa CDF **	pg/g	<0.102	0.102	9.57	0.000300	0.0000306	N/A	6088450
Total Tetra CDF **	pg/g	3.60	0.111	0.957	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.491	0.107	4.79	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	0.962	0.108	4.79	N/A	N/A	2	6088450
Total Hepta CDF **	pg/g	0.366	0.109	4.79	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ469						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.910	0.064	0.96	0.100	0.0910	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.839	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ469						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0981	0.0981	0.962	1.00	0.0981	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.305 (1)	0.305	4.81	1.00	0.305	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.81	0.100	0.0101	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.842	0.0968	4.81	0.100	0.0842	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.246	0.0946	4.81	0.100	0.0246	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.14	0.105	4.81	0.0100	0.0214	N/A	6088450
Octa CDD *	pg/g	2.17	0.0996	9.62	0.000300	0.000651	N/A	6088450
Total Tetra CDD *	pg/g	0.192	0.0981	0.962	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.446 (1)	0.446	4.81	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	3.10	0.0987	4.81	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	5.32	0.105	4.81	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.01	0.112	0.962	0.100	0.101	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.81	0.0300	0.00345	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.81	0.300	0.0321	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.81	0.100	0.0106	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.81	0.100	0.0100	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.252 (1)	0.252	4.81	0.0100	0.00252	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.81	0.0100	0.00104	N/A	6088450
Octa CDF **	pg/g	<0.112	0.112	9.62	0.000300	0.0000336	N/A	6088450
Total Tetra CDF **	pg/g	3.39	0.112	0.962	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.566	0.111	4.81	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	0.853	0.104	4.81	N/A	N/A	3	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ469						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	0.120	0.105	4.81	N/A	N/A	1	6088450
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.849	0.058	0.96	0.100	0.0849	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.709	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ474						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.996	1.00	0.112	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.98	1.00	0.106	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.160	0.113	4.98	0.100	0.0160	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.305	0.102	4.98	0.0100	0.00305	N/A	6088450
Octa CDD *	pg/g	0.567	0.113	9.96	0.000300	0.000170	N/A	6088450
Total Tetra CDD *	pg/g	0.259	0.112	0.996	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	0.468	0.115	4.98	N/A	N/A	2	6088450
Total Hepta CDD *	pg/g	0.795	0.102	4.98	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	0.400	0.113	0.996	0.100	0.0400	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.98	0.0300	0.00333	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.98	0.300	0.0309	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.98	0.0100	0.00104	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.98	0.0100	0.00102	N/A	6088450
Octa CDF **	pg/g	<0.113	0.113	9.96	0.000300	0.0000339	N/A	6088450
Total Tetra CDF **	pg/g	1.53	0.113	0.996	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	<0.107	0.107	4.98	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	<0.103	0.103	4.98	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ474						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.378	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ475						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103 (1)	0.103	0.969	1.00	0.103	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.364 (1)	0.364	4.84	1.00	0.364	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.84	0.100	0.0113	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	1.01	0.109	4.84	0.100	0.101	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.288	0.106	4.84	0.100	0.0288	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.59	0.104	4.84	0.0100	0.0159	N/A	6088450
Octa CDD *	pg/g	2.15	0.0978	9.69	0.000300	0.000645	N/A	6088450
Total Tetra CDD *	pg/g	0.423	0.101	0.969	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.432 (1)	0.432	4.84	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	3.62	0.111	4.84	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	4.51	0.104	4.84	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.26	0.107	0.969	0.100	0.126	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.84	0.0300	0.00330	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.176	0.103	4.84	0.300	0.0528	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.84	0.100	0.0113	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.84	0.100	0.0110	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.84	0.100	0.0107	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.84	0.100	0.0111	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.192	0.107	4.84	0.0100	0.00192	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.84	0.0100	0.00105	N/A	6088450
Octa CDF **	pg/g	<0.151 (1)	0.151	9.69	0.000300	0.0000453	N/A	6088450
Total Tetra CDF **	pg/g	6.11	0.107	0.969	N/A	N/A	8	6088450
Total Penta CDF **	pg/g	0.804	0.106	4.84	N/A	N/A	3	6088450
Total Hexa CDF **	pg/g	0.243	0.110	4.84	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	0.367	0.106	4.84	N/A	N/A	2	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ475						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.03	0.10	0.97	0.100	0.103	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.831	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	118	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	123	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ476						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0967	0.0967	0.953	1.00	0.0967	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.318	0.114	4.76	1.00	0.318	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.76	0.100	0.0105	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.655	0.101	4.76	0.100	0.0655	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.159	0.0986	4.76	0.100	0.0159	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.853	0.0997	4.76	0.0100	0.00853	N/A	6088450
Octa CDD *	pg/g	1.45	0.110	9.53	0.000300	0.000435	N/A	6088450
Total Tetra CDD *	pg/g	0.207	0.0967	0.953	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.318	0.114	4.76	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	1.64	0.103	4.76	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	2.75	0.0997	4.76	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.19	0.111	0.953	0.100	0.119	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.76	0.0300	0.00348	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.179 (1)	0.179	4.76	0.300	0.0537	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.76	0.100	0.0109	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.76	0.100	0.0106	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.76	0.100	0.0103	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.76	0.100	0.0107	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.76	0.0100	0.00108	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.76	0.0100	0.00106	N/A	6088450
Octa CDF **	pg/g	<0.0973	0.0973	9.53	0.000300	0.0000292	N/A	6088450
Total Tetra CDF **	pg/g	2.72	0.111	0.953	N/A	N/A	6	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ476						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Penta CDF **	pg/g	<0.189 (1)	0.189	4.76	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	0.148	0.106	4.76	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	<0.107	0.107	4.76	N/A	N/A	0	6088450
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.14	0.079	0.95	0.100	0.114	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.731	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ476						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ478						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.986	1.00	0.115	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.252 (1)	0.252	4.93	1.00	0.252	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.93	0.100	0.0104	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.627	0.100	4.93	0.100	0.0627	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.203	0.0977	4.93	0.100	0.0203	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.63	0.115	4.93	0.0100	0.0163	N/A	6088450
Octa CDD *	pg/g	0.662	0.105	9.86	0.000300	0.000199	N/A	6088450
Total Tetra CDD *	pg/g	0.457	0.115	0.986	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.316	0.109	4.93	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	2.96	0.102	4.93	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	4.16	0.115	4.93	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.23	0.103	0.986	0.100	0.123	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.93	0.0300	0.00345	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.142	0.108	4.93	0.300	0.0426	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.93	0.100	0.0118	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.93	0.100	0.0116	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.93	0.100	0.0112	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.93	0.100	0.0116	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.154 (1)	0.154	4.93	0.0100	0.00154	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.93	0.0100	0.00113	N/A	6088450
Octa CDF **	pg/g	<0.108	0.108	9.86	0.000300	0.0000324	N/A	6088450
Total Tetra CDF **	pg/g	4.61	0.103	0.986	N/A	N/A	7	6088450
Total Penta CDF **	pg/g	0.142	0.111	4.93	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	0.492	0.116	4.93	N/A	N/A	2	6088450
Total Hepta CDF **	pg/g	<0.172 (1)	0.172	4.93	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ478						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.971	0.071	0.99	0.100	0.0971	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.669	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ483						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.304	0.111	4.98	1.00	0.304	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.139	0.139	4.98	0.100	0.0139	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.518	0.133	4.98	0.100	0.0518	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.150 (1)	0.150	4.98	0.100	0.0150	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.335	0.102	4.98	0.0100	0.00335	N/A	6088450
Octa CDD *	pg/g	<0.311 (1)	0.311	9.96	0.000300	0.0000933	N/A	6088450
Total Tetra CDD *	pg/g	0.718	0.109	0.996	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.548	0.111	4.98	N/A	N/A	2	6088450
Total Hexa CDD *	pg/g	1.54	0.136	4.98	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	0.744	0.102	4.98	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.74	0.105	0.996	0.100	0.174	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.98	0.0300	0.00345	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.187	0.107	4.98	0.300	0.0561	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.98	0.0100	0.00116	N/A	6088450
Octa CDF **	pg/g	<0.120	0.120	9.96	0.000300	0.0000360	N/A	6088450
Total Tetra CDF **	pg/g	6.74	0.105	0.996	N/A	N/A	8	6088450
Total Penta CDF **	pg/g	0.377	0.111	4.98	N/A	N/A	2	6088450
Total Hexa CDF **	pg/g	0.144	0.116	4.98	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ483						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.53	0.11	1.0	0.100	0.153	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.758	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ488						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.959	1.00	0.104	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.156 (1)	0.156	4.79	1.00	0.156	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.79	0.100	0.0109	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.513	0.105	4.79	0.100	0.0513	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.147 (1)	0.147	4.79	0.100	0.0147	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.10	0.112	4.79	0.0100	0.0110	N/A	6088450
Octa CDD *	pg/g	1.72	0.104	9.59	0.000300	0.000516	N/A	6088450
Total Tetra CDD *	pg/g	0.565	0.104	0.959	N/A	N/A	2	6088450
Total Penta CDD *	pg/g	0.331	0.103	4.79	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	0.513	0.107	4.79	N/A	N/A	1	6088450
Total Hepta CDD *	pg/g	3.35	0.112	4.79	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	<0.761	0.761	0.959	0.100	0.0761	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.79	0.0300	0.00330	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.79	0.300	0.0309	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.79	0.100	0.0106	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.79	0.100	0.0104	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.79	0.100	0.0101	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.79	0.100	0.0104	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110 (1)	0.110	4.79	0.0100	0.00110	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.79	0.0100	0.00103	N/A	6088450
Octa CDF **	pg/g	0.107	0.104	9.59	0.000300	0.0000321	N/A	6088450
Total Tetra CDF **	pg/g	3.65	0.0964	0.959	N/A	N/A	7	6088450
Total Penta CDF **	pg/g	<0.381 (1)	0.381	4.79	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	0.375	0.104	4.79	N/A	N/A	2	6088450
Total Hepta CDF **	pg/g	<0.135 (1)	0.135	4.79	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ488						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.73	0.14	0.96	0.100	0.0730	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.499	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ489						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C27 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.141	0.141	0.972	1.00	0.141	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.638	0.173	4.86	1.00	0.638	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.159 (1)	0.159	4.86	0.100	0.0159	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	1.63	0.139	4.86	0.100	0.163	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.541	0.136	4.86	0.100	0.0541	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	3.42	0.129	4.86	0.0100	0.0342	N/A	6088450
Octa CDD *	pg/g	10.8	0.135	9.72	0.000300	0.00324	N/A	6088450
Total Tetra CDD *	pg/g	1.19	0.141	0.972	N/A	N/A	2	6088450
Total Penta CDD *	pg/g	0.638	0.173	4.86	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	6.55	0.142	4.86	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	12.3	0.129	4.86	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	2.44	0.141	0.972	0.100	0.244	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.174 (1)	0.174	4.86	0.0300	0.00522	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.370	0.141	4.86	0.300	0.111	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	0.221	0.142	4.86	0.100	0.0221	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	0.177	0.139	4.86	0.100	0.0177	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.86	0.100	0.0134	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.139	0.139	4.86	0.100	0.0139	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.338	0.139	4.86	0.0100	0.00338	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.136	0.136	4.86	0.0100	0.00136	N/A	6088450
Octa CDF **	pg/g	0.403	0.143	9.72	0.000300	0.000121	N/A	6088450
Total Tetra CDF **	pg/g	11.8	0.141	0.972	N/A	N/A	12	6088450
Total Penta CDF **	pg/g	1.64	0.146	4.86	N/A	N/A	3	6088450
Total Hexa CDF **	pg/g	0.803	0.138	4.86	N/A	N/A	3	6088450
Total Hepta CDF **	pg/g	0.713	0.138	4.86	N/A	N/A	2	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ489						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C27 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.04	0.051	0.97	0.100	0.204	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.44	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6088450

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ496						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.146	0.146	0.997	1.00	0.146	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.375	0.148	4.99	1.00	0.375	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.147	0.147	4.99	0.100	0.0147	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.596	0.141	4.99	0.100	0.0596	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.210 (1)	0.210	4.99	0.100	0.0210	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.23	0.146	4.99	0.0100	0.0223	N/A	6088450
Octa CDD *	pg/g	6.89	0.135	9.97	0.000300	0.00207	N/A	6088450
Total Tetra CDD *	pg/g	0.654	0.146	0.997	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.375	0.148	4.99	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	2.25	0.144	4.99	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	7.52	0.146	4.99	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.50	0.145	0.997	0.100	0.150	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.193	0.193	4.99	0.0300	0.00579	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.181	0.181	4.99	0.300	0.0543	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.99	0.100	0.0146	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.138	0.138	4.99	0.100	0.0138	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.99	0.100	0.0143	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.184 (1)	0.184	4.99	0.0100	0.00184	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.141	0.141	4.99	0.0100	0.00141	N/A	6088450
Octa CDF **	pg/g	<0.307 (1)	0.307	9.97	0.000300	0.0000921	N/A	6088450
Total Tetra CDF **	pg/g	5.73	0.145	0.997	N/A	N/A	9	6088450
Total Penta CDF **	pg/g	<0.446 (1)	0.446	4.99	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	0.212	0.142	4.99	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	0.262	0.143	4.99	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ496						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.26	0.11	1.0	0.100	0.126	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.887	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ500						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.229	0.138	0.948	1.00	0.229	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.291 (1)	0.291	4.74	1.00	0.291	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	4.74	0.100	0.0140	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.508 (2)	0.508	4.74	0.100	0.0508	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.224	0.132	4.74	0.100	0.0224	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.552	0.552	4.74	0.0100	0.00552	N/A	6088450
Octa CDD *	pg/g	0.933	0.110	9.48	0.000300	0.000280	N/A	6088450
Total Tetra CDD *	pg/g	0.229	0.138	0.948	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.248	0.147	4.74	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	1.32	0.137	4.74	N/A	N/A	2	6088450
Total Hepta CDD *	pg/g	0.878	0.125	4.74	N/A	N/A	1	6088450
2,3,7,8-Tetra CDF **	pg/g	1.07	0.135	0.948	0.100	0.107	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.171	0.171	4.74	0.0300	0.00513	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.166	0.159	4.74	0.300	0.0498	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.74	0.100	0.0140	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.74	0.100	0.0137	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.132	0.132	4.74	0.100	0.0132	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.137	0.137	4.74	0.100	0.0137	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.149	0.115	4.74	0.0100	0.00149	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.74	0.0100	0.00112	N/A	6088450
Octa CDF **	pg/g	0.165	0.114	9.48	0.000300	0.0000495	N/A	6088450
Total Tetra CDF **	pg/g	3.30	0.135	0.948	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.620	0.165	4.74	N/A	N/A	2	6088450
Total Hexa CDF **	pg/g	0.333	0.136	4.74	N/A	N/A	2	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ500						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	0.149	0.114	4.74	N/A	N/A	1	6088450
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.776	0.073	0.95	0.100	0.0776	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.803	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ502						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.160	0.160	0.960	1.00	0.160	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.202 (1)	0.202	4.80	1.00	0.202	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	4.80	0.100	0.0140	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.776	0.134	4.80	0.100	0.0776	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.208	0.131	4.80	0.100	0.0208	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	4.44	0.117	4.80	0.0100	0.0444	N/A	6088450
Octa CDD *	pg/g	15.0	0.121	9.60	0.000300	0.00450	N/A	6088450
Total Tetra CDD *	pg/g	0.270	0.160	0.960	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.202	0.202	4.80	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	2.71	0.137	4.80	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	17.4	0.117	4.80	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	0.609	0.162	0.960	0.100	0.0609	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.148	0.148	4.80	0.0300	0.00444	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.138	0.138	4.80	0.300	0.0414	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.151	0.151	4.80	0.100	0.0151	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.148	0.148	4.80	0.100	0.0148	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.143	0.143	4.80	0.100	0.0143	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.149	0.149	4.80	0.100	0.0149	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.343	0.114	4.80	0.0100	0.00343	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.80	0.0100	0.00112	N/A	6088450
Octa CDF **	pg/g	1.10	0.135	9.60	0.000300	0.000330	N/A	6088450
Total Tetra CDF **	pg/g	2.83	0.162	0.960	N/A	N/A	8	6088450
Total Penta CDF **	pg/g	<0.218 (1)	0.218	4.80	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	0.760	0.148	4.80	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	1.41	0.113	4.80	N/A	N/A	2	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ502						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.694	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ505						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.161	0.148	0.980	1.00	0.161	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.235	0.235	4.90	1.00	0.235	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.141	0.141	4.90	0.100	0.0141	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.866	0.135	4.90	0.100	0.0866	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.226	0.132	4.90	0.100	0.0226	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.38	0.141	4.90	0.0100	0.0138	N/A	6088450
Octa CDD *	pg/g	5.50	0.114	9.80	0.000300	0.00165	N/A	6088450
Total Tetra CDD *	pg/g	0.822	0.148	0.980	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.273 (1)	0.273	4.90	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	2.83	0.138	4.90	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	6.12	0.141	4.90	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.57	0.158	0.980	0.100	0.157	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.224 (2)	0.224	4.90	0.0300	0.00672	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.144 (1)	0.144	4.90	0.300	0.0432	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	0.165	0.141	4.90	0.100	0.0165	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.138	0.138	4.90	0.100	0.0138	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.90	0.100	0.0134	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.139	0.139	4.90	0.100	0.0139	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.229	0.125	4.90	0.0100	0.00229	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.122	0.122	4.90	0.0100	0.00122	N/A	6088450
Octa CDF **	pg/g	<0.315 (1)	0.315	9.80	0.000300	0.0000945	N/A	6088450
Total Tetra CDF **	pg/g	6.69	0.158	0.980	N/A	N/A	7	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ505						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Penta CDF **	pg/g	0.923	0.141	4.90	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	0.659	0.138	4.90	N/A	N/A	2	6088450
Total Hepta CDF **	pg/g	0.528	0.124	4.90	N/A	N/A	2	6088450
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.33	0.070	0.98	0.100	0.133	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.779	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	118	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ506						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C55 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.147	0.147	0.977	1.00	0.147	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.272	0.144	4.88	1.00	0.272	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.88	0.100	0.0136	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.628	0.131	4.88	0.100	0.0628	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.207	0.127	4.88	0.100	0.0207	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.408	0.136	4.88	0.0100	0.00408	N/A	6088450
Octa CDD *	pg/g	0.610	0.146	9.77	0.000300	0.000183	N/A	6088450
Total Tetra CDD *	pg/g	<0.487 (1)	0.487	0.977	N/A	N/A	0	6088450
Total Penta CDD *	pg/g	0.515	0.144	4.88	N/A	N/A	2	6088450
Total Hexa CDD *	pg/g	2.16	0.133	4.88	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	0.408	0.136	4.88	N/A	N/A	1	6088450
2,3,7,8-Tetra CDF **	pg/g	1.23	0.145	0.977	0.100	0.123	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.148	0.148	4.88	0.0300	0.00444	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.138	0.138	4.88	0.300	0.0414	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.150	0.150	4.88	0.100	0.0150	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.146	0.146	4.88	0.100	0.0146	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.141	0.141	4.88	0.100	0.0141	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.147	0.147	4.88	0.100	0.0147	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.138	0.138	4.88	0.0100	0.00138	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.135	0.135	4.88	0.0100	0.00135	N/A	6088450
Octa CDF **	pg/g	<0.140	0.140	9.77	0.000300	0.0000420	N/A	6088450
Total Tetra CDF **	pg/g	5.27	0.145	0.977	N/A	N/A	7	6088450
Total Penta CDF **	pg/g	<0.313 (1)	0.313	4.88	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	<0.146	0.146	4.88	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	<0.137	0.137	4.88	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ506						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C55 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.03	0.066	0.98	0.100	0.103	N/A	6110763
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.730	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6110763
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ508						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C57 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.164	0.164	0.959	1.00	0.164	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.198	0.149	4.79	1.00	0.198	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.152	0.152	4.79	0.100	0.0152	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.350	0.146	4.79	0.100	0.0350	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.163 (1)	0.163	4.79	0.100	0.0163	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.15	0.128	4.79	0.0100	0.0115	N/A	6088450
Octa CDD *	pg/g	<1.04 (1)	1.04	9.59	0.000300	0.000312	N/A	6088450
Total Tetra CDD *	pg/g	<0.164	0.164	0.959	N/A	N/A	0	6088450
Total Penta CDD *	pg/g	0.198	0.149	4.79	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	1.29	0.148	4.79	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	3.62	0.128	4.79	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	0.503	0.141	0.959	0.100	0.0503	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.175	0.175	4.79	0.0300	0.00525	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.163	0.163	4.79	0.300	0.0489	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.79	0.100	0.0134	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.132	0.132	4.79	0.100	0.0132	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.127	0.127	4.79	0.100	0.0127	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.132	0.132	4.79	0.100	0.0132	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.135	0.127	4.79	0.0100	0.00135	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.125	0.125	4.79	0.0100	0.00125	N/A	6088450
Octa CDF **	pg/g	<0.146 (1)	0.146	9.59	0.000300	0.0000438	N/A	6088450
Total Tetra CDF **	pg/g	1.22	0.141	0.959	N/A	N/A	5	6088450
Total Penta CDF **	pg/g	<0.169	0.169	4.79	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	<0.131	0.131	4.79	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	0.135	0.126	4.79	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ508						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C57 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.600	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ509						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C59 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.161 (1)	0.161	0.978	1.00	0.161	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.382	0.142	4.89	1.00	0.382	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.142 (1)	0.142	4.89	0.100	0.0142	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.713	0.137	4.89	0.100	0.0713	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.206	0.206	4.89	0.100	0.0206	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.968	0.131	4.89	0.0100	0.00968	N/A	6088450
Octa CDD *	pg/g	1.00	0.108	9.78	0.000300	0.000300	N/A	6088450
Total Tetra CDD *	pg/g	0.585	0.146	0.978	N/A	N/A	2	6088450
Total Penta CDD *	pg/g	0.382	0.142	4.89	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	2.40	0.139	4.89	N/A	N/A	2	6088450
Total Hepta CDD *	pg/g	2.15	0.131	4.89	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	2.89	0.148	0.978	0.100	0.289	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	1.68	0.149	4.89	0.0300	0.0504	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.618	0.139	4.89	0.300	0.185	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	1.19	0.145	4.89	0.100	0.119	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	0.745	0.142	4.89	0.100	0.0745	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.89	0.100	0.0137	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.142	0.142	4.89	0.100	0.0142	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.829	0.121	4.89	0.0100	0.00829	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.89	0.0100	0.00118	N/A	6088450
Octa CDF **	pg/g	<0.576 (1)	0.576	9.78	0.000300	0.000173	N/A	6088450
Total Tetra CDF **	pg/g	16.0	0.148	0.978	N/A	N/A	13	6088450
Total Penta CDF **	pg/g	7.51	0.144	4.89	N/A	N/A	9	6088450
Total Hexa CDF **	pg/g	4.73	0.142	4.89	N/A	N/A	6	6088450
Total Hepta CDF **	pg/g	1.05	0.119	4.89	N/A	N/A	2	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ509						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C59 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.39	0.064	0.98	0.100	0.239	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.36	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ510						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.142	0.142	0.983	1.00	0.142	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.161	0.161	4.91	1.00	0.161	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.178	0.178	4.91	0.100	0.0178	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.421	0.171	4.91	0.100	0.0421	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.167	0.167	4.91	0.100	0.0167	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.77	0.141	4.91	0.0100	0.0177	N/A	6088450
Octa CDD *	pg/g	8.64	0.119	9.83	0.000300	0.00259	N/A	6088450
Total Tetra CDD *	pg/g	0.248	0.142	0.983	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.161	0.161	4.91	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	1.58	0.174	4.91	N/A	N/A	3	6088450
Total Hepta CDD *	pg/g	4.67	0.141	4.91	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	0.703	0.142	0.983	0.100	0.0703	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.165	0.165	4.91	0.0300	0.00495	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.154	0.154	4.91	0.300	0.0462	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.160	0.160	4.91	0.100	0.0160	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.157	0.157	4.91	0.100	0.0157	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.151	0.151	4.91	0.100	0.0151	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.157	0.157	4.91	0.100	0.0157	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.154	0.133	4.91	0.0100	0.00154	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.130	0.130	4.91	0.0100	0.00130	N/A	6088450
Octa CDF **	pg/g	<0.140	0.140	9.83	0.000300	0.0000420	N/A	6088450
Total Tetra CDF **	pg/g	2.45	0.142	0.983	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.281	0.160	4.91	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	<0.156	0.156	4.91	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	0.154	0.131	4.91	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ510						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.587	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ512						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.152	0.152	0.976	1.00	0.152	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	<0.291 (1)	0.291	4.88	1.00	0.291	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.152	0.152	4.88	0.100	0.0152	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.619	0.145	4.88	0.100	0.0619	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.228	0.142	4.88	0.100	0.0228	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.440	0.138	4.88	0.0100	0.00440	N/A	6088450
Octa CDD *	pg/g	0.790	0.127	9.76	0.000300	0.000237	N/A	6088450
Total Tetra CDD *	pg/g	0.370	0.152	0.976	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	<0.291 (1)	0.291	4.88	N/A	N/A	0	6088450
Total Hexa CDD *	pg/g	2.21	0.148	4.88	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	1.17	0.138	4.88	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.31	0.132	0.976	0.100	0.131	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.177	0.177	4.88	0.0300	0.00531	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.229	0.165	4.88	0.300	0.0687	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.145	0.145	4.88	0.100	0.0145	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.142	0.142	4.88	0.100	0.0142	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.88	0.100	0.0137	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.88	0.100	0.0143	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.134	0.134	4.88	0.0100	0.00134	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.131	0.131	4.88	0.0100	0.00131	N/A	6088450
Octa CDF **	pg/g	<0.135	0.135	9.76	0.000300	0.0000405	N/A	6088450
Total Tetra CDF **	pg/g	4.14	0.132	0.976	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.478	0.171	4.88	N/A	N/A	2	6088450
Total Hexa CDF **	pg/g	<0.142	0.142	4.88	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	<0.133	0.133	4.88	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ512						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.22	0.085	0.98	0.100	0.122	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.803	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ513						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.972	1.00	0.115	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.236	0.120	4.86	1.00	0.236	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	0.570	0.108	4.86	0.100	0.0570	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	0.479	0.104	4.86	0.100	0.0479	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.211	0.102	4.86	0.100	0.0211	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.612	0.105	4.86	0.0100	0.00612	N/A	6088450
Octa CDD *	pg/g	0.671	0.105	9.72	0.000300	0.000201	N/A	6088450
Total Tetra CDD *	pg/g	<0.170 (1)	0.170	0.972	N/A	N/A	0	6088450
Total Penta CDD *	pg/g	0.236	0.120	4.86	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	1.74	0.106	4.86	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	0.612	0.105	4.86	N/A	N/A	1	6088450
2,3,7,8-Tetra CDF **	pg/g	1.13	0.108	0.972	0.100	0.113	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.86	0.0300	0.00360	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.122 (1)	0.122	4.86	0.300	0.0366	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.86	0.100	0.0104	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.86	0.100	0.0102	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0988	0.0988	4.86	0.100	0.00988	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.86	0.100	0.0103	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.100	0.100	4.86	0.0100	0.00100	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0980	0.0980	4.86	0.0100	0.000980	N/A	6088450
Octa CDF **	pg/g	<0.106	0.106	9.72	0.000300	0.0000318	N/A	6088450
Total Tetra CDF **	pg/g	3.22	0.108	0.972	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	<0.290 (1)	0.290	4.86	N/A	N/A	0	6088450
Total Hexa CDF **	pg/g	<0.130 (1)	0.130	4.86	N/A	N/A	0	6088450
Total Hepta CDF **	pg/g	<0.0991	0.0991	4.86	N/A	N/A	0	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ513						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.930	0.092	0.97	0.100	0.0930	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.659	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ514						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.586	0.114	0.971	1.00	0.586	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.394	0.166	4.86	1.00	0.394	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.86	0.100	0.0116	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	1.05	0.111	4.86	0.100	0.105	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.586	0.108	4.86	0.100	0.0586	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	4.59	0.115	4.86	0.0100	0.0459	N/A	6088450
Octa CDD *	pg/g	0.521	0.104	9.71	0.000300	0.000156	N/A	6088450
Total Tetra CDD *	pg/g	0.586	0.114	0.971	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.394	0.166	4.86	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	4.96	0.113	4.86	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	7.40	0.115	4.86	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	<0.101	0.101	0.971	0.100	0.0101	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	0.139	0.110	4.86	0.0300	0.00417	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	0.243	0.102	4.86	0.300	0.0729	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.86	0.100	0.0113	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.86	0.100	0.0110	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.86	0.100	0.0106	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.86	0.100	0.0111	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.263	0.102	4.86	0.0100	0.00263	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0995	0.0995	4.86	0.0100	0.000995	N/A	6088450
Octa CDF **	pg/g	<0.111	0.111	9.71	0.000300	0.0000333	N/A	6088450
Total Tetra CDF **	pg/g	4.55	0.101	0.971	N/A	N/A	6	6088450
Total Penta CDF **	pg/g	0.382	0.106	4.86	N/A	N/A	2	6088450
Total Hexa CDF **	pg/g	0.238	0.110	4.86	N/A	N/A	1	6088450
Total Hepta CDF **	pg/g	0.263	0.101	4.86	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ514						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.64	0.12	0.97	0.100	0.164	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.49	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	75	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ515						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.974	1.00	0.115	N/A	6088450
1,2,3,7,8-Penta CDD *	pg/g	0.519	0.115	4.87	1.00	0.519	N/A	6088450
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.87	0.100	0.0110	N/A	6088450
1,2,3,6,7,8-Hexa CDD *	pg/g	1.67	0.106	4.87	0.100	0.167	N/A	6088450
1,2,3,7,8,9-Hexa CDD *	pg/g	0.450	0.104	4.87	0.100	0.0450	N/A	6088450
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.36	0.101	4.87	0.0100	0.0136	N/A	6088450
Octa CDD *	pg/g	1.00	0.102	9.74	0.000300	0.000300	N/A	6088450
Total Tetra CDD *	pg/g	0.445	0.115	0.974	N/A	N/A	1	6088450
Total Penta CDD *	pg/g	0.519	0.115	4.87	N/A	N/A	1	6088450
Total Hexa CDD *	pg/g	5.34	0.108	4.87	N/A	N/A	4	6088450
Total Hepta CDD *	pg/g	3.48	0.101	4.87	N/A	N/A	2	6088450
2,3,7,8-Tetra CDF **	pg/g	1.62	0.104	0.974	0.100	0.162	N/A	6088450
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.87	0.0300	0.00354	N/A	6088450
2,3,4,7,8-Penta CDF **	pg/g	<0.260 (1)	0.260	4.87	0.300	0.0780	N/A	6088450
1,2,3,4,7,8-Hexa CDF **	pg/g	0.112	0.103	4.87	0.100	0.0112	N/A	6088450
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.87	0.100	0.0100	N/A	6088450
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0971	0.0971	4.87	0.100	0.00971	N/A	6088450
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.87	0.100	0.0101	N/A	6088450
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.228	0.109	4.87	0.0100	0.00228	N/A	6088450
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.87	0.0100	0.00106	N/A	6088450
Octa CDF **	pg/g	<0.109	0.109	9.74	0.000300	0.0000327	N/A	6088450
Total Tetra CDF **	pg/g	5.37	0.104	0.974	N/A	N/A	7	6088450
Total Penta CDF **	pg/g	0.355	0.114	4.87	N/A	N/A	1	6088450
Total Hexa CDF **	pg/g	0.486	0.100	4.87	N/A	N/A	3	6088450
Total Hepta CDF **	pg/g	0.228	0.108	4.87	N/A	N/A	1	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ515						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.52	0.066	0.97	0.100	0.152	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.15	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234678 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6088450
C13-123478 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6088450
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6088450
C13-12378 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6088450
C13-123789 HexaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6088450
C13-234678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6088450
C13-23478 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6088450
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6088450
C13-OCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6088450

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ517						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.156 (1)	0.156	4.98	1.00	0.156	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.259 (1)	0.259	4.98	0.100	0.0259	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.438	0.109	4.98	0.0100	0.00438	N/A	6098264
Octa CDD *	pg/g	<0.195 (1)	0.195	9.96	0.000300	0.0000585	N/A	6098264
Total Tetra CDD *	pg/g	<0.132 (1)	0.132	0.996	N/A	N/A	0	6098264
Total Penta CDD *	pg/g	<0.156 (1)	0.156	4.98	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	0.608	0.111	4.98	N/A	N/A	1	6098264
Total Hepta CDD *	pg/g	0.438	0.109	4.98	N/A	N/A	1	6098264
2,3,7,8-Tetra CDF **	pg/g	0.640	0.115	0.996	0.100	0.0640	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.0300	0.00324	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.100	0.100	4.98	0.300	0.0300	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.121	0.121	4.98	0.100	0.0121	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.98	0.0100	0.00116	N/A	6098264
Octa CDF **	pg/g	<0.114	0.114	9.96	0.000300	0.0000342	N/A	6098264
Total Tetra CDF **	pg/g	2.30	0.115	0.996	N/A	N/A	6	6098264
Total Penta CDF **	pg/g	0.254	0.104	4.98	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ517						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.464	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ519						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.997	1.00	0.119	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.621	0.117	4.99	1.00	0.621	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.130 (1)	0.130	4.99	0.100	0.0130	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	1.11	0.105	4.99	0.100	0.111	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.385	0.102	4.99	0.100	0.0385	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.81	0.107	4.99	0.0100	0.0181	N/A	6098264
Octa CDD *	pg/g	<0.570 (1)	0.570	9.97	0.000300	0.000171	N/A	6098264
Total Tetra CDD *	pg/g	0.125	0.119	0.997	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.621	0.117	4.99	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	3.64	0.107	4.99	N/A	N/A	3	6098264
Total Hepta CDD *	pg/g	3.05	0.107	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	2.12	0.113	0.997	0.100	0.212	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.205 (2)	0.205	4.99	0.0300	0.00615	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.317	0.110	4.99	0.300	0.0951	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	0.162	0.108	4.99	0.100	0.0162	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	0.110	0.106	4.99	0.100	0.0110	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.191	0.114	4.99	0.0100	0.00191	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6098264
Octa CDF **	pg/g	0.162	0.103	9.97	0.000300	0.0000486	N/A	6098264
Total Tetra CDF **	pg/g	7.16	0.113	0.997	N/A	N/A	10	6098264
Total Penta CDF **	pg/g	1.91	0.114	4.99	N/A	N/A	5	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ519						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	0.557	0.106	4.99	N/A	N/A	3	6098264
Total Hepta CDF **	pg/g	0.191	0.112	4.99	N/A	N/A	1	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.92	0.084	1.0	0.100	0.192	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.27	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	121	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ520						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.994	1.00	0.104	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.761	0.113	4.97	1.00	0.761	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	1.46	0.107	4.97	0.100	0.146	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.265 (1)	0.265	4.97	0.100	0.0265	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.760	0.107	4.97	0.0100	0.00760	N/A	6098264
Octa CDD *	pg/g	0.495	0.105	9.94	0.000300	0.000149	N/A	6098264
Total Tetra CDD *	pg/g	0.315	0.104	0.994	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	1.33	0.113	4.97	N/A	N/A	2	6098264
Total Hexa CDD *	pg/g	3.07	0.110	4.97	N/A	N/A	2	6098264
Total Hepta CDD *	pg/g	1.67	0.107	4.97	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.98	0.105	0.994	0.100	0.198	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.175 (2)	0.175	4.97	0.0300	0.00525	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.297 (1)	0.297	4.97	0.300	0.0891	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	0.109	0.107	4.97	0.100	0.0109	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.97	0.100	0.0101	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.148	0.111	4.97	0.0100	0.00148	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.97	0.0100	0.00109	N/A	6098264
Octa CDF **	pg/g	<0.118	0.118	9.94	0.000300	0.0000354	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ520						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Tetra CDF **	pg/g	5.87	0.105	0.994	N/A	N/A	8	6098264
Total Penta CDF **	pg/g	0.322	0.111	4.97	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	0.230	0.104	4.97	N/A	N/A	2	6098264
Total Hepta CDF **	pg/g	0.148	0.110	4.97	N/A	N/A	1	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.69	0.084	0.99	0.100	0.169	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.36	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	113	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	127	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	125	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ521						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.135 (1)	0.135	0.990	1.00	0.135	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.449	0.109	4.95	1.00	0.449	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.95	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	1.43	0.108	4.95	0.100	0.143	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.341	0.105	4.95	0.100	0.0341	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.80	0.105	4.95	0.0100	0.0280	N/A	6098264
Octa CDD *	pg/g	3.79	0.118	9.90	0.000300	0.00114	N/A	6098264
Total Tetra CDD *	pg/g	0.448	0.114	0.990	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.865	0.109	4.95	N/A	N/A	2	6098264
Total Hexa CDD *	pg/g	4.65	0.110	4.95	N/A	N/A	4	6098264
Total Hepta CDD *	pg/g	7.65	0.105	4.95	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.37	0.107	0.990	0.100	0.137	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	0.155	0.116	4.95	0.0300	0.00465	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.198	0.108	4.95	0.300	0.0594	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.95	0.100	0.0108	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.95	0.100	0.0108	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.218	0.119	4.95	0.0100	0.00218	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.95	0.0100	0.00116	N/A	6098264
Octa CDF **	pg/g	<0.116	0.116	9.90	0.000300	0.0000348	N/A	6098264
Total Tetra CDF **	pg/g	5.18	0.107	0.990	N/A	N/A	10	6098264
Total Penta CDF **	pg/g	1.44	0.112	4.95	N/A	N/A	4	6098264
Total Hexa CDF **	pg/g	0.582	0.108	4.95	N/A	N/A	2	6098264
Total Hepta CDF **	pg/g	0.407	0.117	4.95	N/A	N/A	2	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ521						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.28	0.087	0.99	0.100	0.128	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.04	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	123	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ522						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.996	1.00	0.100	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0992	0.0992	4.98	0.100	0.00992	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.98	0.0100	0.00112	N/A	6098264
Octa CDD *	pg/g	<0.116	0.116	9.96	0.000300	0.0000348	N/A	6098264
Total Tetra CDD *	pg/g	<0.100	0.100	0.996	N/A	N/A	0	6098264
Total Penta CDD *	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	<0.185 (1)	0.185	4.98	N/A	N/A	0	6098264
Total Hepta CDD *	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6098264
2,3,7,8-Tetra CDF **	pg/g	0.251	0.104	0.996	0.100	0.0251	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.98	0.0300	0.00354	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.300	0.0330	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.98	0.100	0.0122	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0756	0.0756	4.98	0.0100	0.000756	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0739	0.0739	4.98	0.0100	0.000739	N/A	6098264
Octa CDF **	pg/g	<0.0900	0.0900	9.96	0.000300	0.0000270	N/A	6098264
Total Tetra CDF **	pg/g	0.521	0.104	0.996	N/A	N/A	3	6098264
Total Penta CDF **	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6098264
Total Hexa CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.0748	0.0748	4.98	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ522						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.360	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ522						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	1.00	1.00	0.113	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.126	0.113	5.00	1.00	0.126	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.203 (1)	0.203	5.00	0.100	0.0203	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.156	0.110	5.00	0.0100	0.00156	N/A	6098264
Octa CDD *	pg/g	<0.142 (1)	0.142	10.0	0.000300	0.0000426	N/A	6098264
Total Tetra CDD *	pg/g	0.196	0.113	1.00	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.126	0.113	5.00	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	<0.333 (1)	0.333	5.00	N/A	N/A	0	6098264
Total Hepta CDD *	pg/g	0.156	0.110	5.00	N/A	N/A	1	6098264
2,3,7,8-Tetra CDF **	pg/g	<0.463 (1)	0.463	1.00	0.100	0.0463	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	5.00	0.0300	0.00354	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	5.00	0.300	0.0330	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0985	0.0985	5.00	0.100	0.00985	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.115	0.115	5.00	0.0100	0.00115	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	5.00	0.0100	0.00113	N/A	6098264
Octa CDF **	pg/g	<0.117	0.117	10.0	0.000300	0.0000351	N/A	6098264
Total Tetra CDF **	pg/g	0.611	0.116	1.00	N/A	N/A	3	6098264
Total Penta CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6098264
Total Hexa CDF **	pg/g	<0.102	0.102	5.00	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ522						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6098264
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.408	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ523						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.997	1.00	0.119	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.100	0.100	4.99	1.00	0.100	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.100	0.100	4.99	0.100	0.0100	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	6098264
Octa CDD *	pg/g	0.220	0.106	9.97	0.000300	0.0000660	N/A	6098264
Total Tetra CDD *	pg/g	<0.119	0.119	0.997	N/A	N/A	0	6098264
Total Penta CDD *	pg/g	<0.100	0.100	4.99	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6098264
Total Hepta CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6098264
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.997	0.100	0.0105	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.0300	0.00312	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.0969	0.0969	4.99	0.300	0.0291	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.99	0.100	0.0100	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.99	0.0100	0.00117	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.99	0.0100	0.00114	N/A	6098264
Octa CDF **	pg/g	<0.113	0.113	9.97	0.000300	0.0000339	N/A	6098264
Total Tetra CDF **	pg/g	<0.105	0.105	0.997	N/A	N/A	0	6098264
Total Penta CDF **	pg/g	<0.100	0.100	4.99	N/A	N/A	0	6098264
Total Hexa CDF **	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ523						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.338	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	121	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	120	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	121	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	128	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ525						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.122 (1)	0.122	0.998	1.00	0.122	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.281 (1)	0.281	4.99	1.00	0.281	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.775	0.109	4.99	0.100	0.0775	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.306	0.107	4.99	0.100	0.0306	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.806	0.108	4.99	0.0100	0.00806	N/A	6098264
Octa CDD *	pg/g	0.630	0.110	9.98	0.000300	0.000189	N/A	6098264
Total Tetra CDD *	pg/g	0.352	0.105	0.998	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	<0.281 (1)	0.281	4.99	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	3.20	0.111	4.99	N/A	N/A	3	6098264
Total Hepta CDD *	pg/g	1.61	0.108	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.06	0.119	0.998	0.100	0.106	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.142 (2)	0.142	4.99	0.0300	0.00426	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.152 (1)	0.152	4.99	0.300	0.0456	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.146	0.120	4.99	0.0100	0.00146	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.117	0.117	4.99	0.0100	0.00117	N/A	6098264
Octa CDF **	pg/g	<0.117	0.117	9.98	0.000300	0.0000351	N/A	6098264

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ525						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Tetra CDF **	pg/g	4.27	0.119	0.998	N/A	N/A	8	6098264
Total Penta CDF **	pg/g	0.110	0.101	4.99	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	0.239	0.113	4.99	N/A	N/A	1	6098264
Total Hepta CDF **	pg/g	0.146	0.119	4.99	N/A	N/A	1	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.945	0.078	1.0	0.100	0.0945	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.723	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ526						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.992	1.00	0.101	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.253 (1)	0.253	4.96	1.00	0.253	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.96	0.100	0.0114	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.553	0.109	4.96	0.100	0.0553	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.235	0.107	4.96	0.100	0.0235	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.533	0.104	4.96	0.0100	0.00533	N/A	6098264
Octa CDD *	pg/g	0.764	0.109	9.92	0.000300	0.000229	N/A	6098264
Total Tetra CDD *	pg/g	0.350	0.101	0.992	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	<0.253 (1)	0.253	4.96	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	1.64	0.112	4.96	N/A	N/A	3	6098264
Total Hepta CDD *	pg/g	1.30	0.104	4.96	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.09	0.114	0.992	0.100	0.109	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.96	0.0300	0.00345	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.144 (1)	0.144	4.96	0.300	0.0432	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.96	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.96	0.0100	0.00118	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.96	0.0100	0.00116	N/A	6098264
Octa CDF **	pg/g	<0.109	0.109	9.92	0.000300	0.0000327	N/A	6098264
Total Tetra CDF **	pg/g	4.03	0.114	0.992	N/A	N/A	6	6098264
Total Penta CDF **	pg/g	0.450	0.111	4.96	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	<0.109	0.109	4.96	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.117	0.117	4.96	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ526						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.10	0.081	0.99	0.100	0.110	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.653	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ528						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C22 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.134 (1)	0.134	0.999	1.00	0.134	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.304	0.108	4.99	1.00	0.304	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.702	0.111	4.99	0.100	0.0702	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.243 (1)	0.243	4.99	0.100	0.0243	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	7.50	0.118	4.99	0.0100	0.0750	N/A	6098264
Octa CDD *	pg/g	12.4	0.117	9.99	0.000300	0.00372	N/A	6098264
Total Tetra CDD *	pg/g	0.567	0.111	0.999	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.499	0.108	4.99	N/A	N/A	2	6098264
Total Hexa CDD *	pg/g	3.01	0.113	4.99	N/A	N/A	3	6098264
Total Hepta CDD *	pg/g	18.9	0.118	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.82	0.110	0.999	0.100	0.182	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.99	0.0300	0.00339	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.305	0.106	4.99	0.300	0.0915	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.274 (1)	0.274	4.99	0.0100	0.00274	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6098264
Octa CDF **	pg/g	<0.138 (1)	0.138	9.99	0.000300	0.0000414	N/A	6098264
Total Tetra CDF **	pg/g	6.19	0.110	0.999	N/A	N/A	7	6098264
Total Penta CDF **	pg/g	0.976	0.109	4.99	N/A	N/A	3	6098264
Total Hexa CDF **	pg/g	0.885	0.117	4.99	N/A	N/A	3	6098264
Total Hepta CDF **	pg/g	0.267	0.113	4.99	N/A	N/A	1	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ528						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C22 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.75	0.089	1.0	0.100	0.175	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.943	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ529						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C23 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.203 (1)	0.203	0.995	1.00	0.203	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.738	0.111	4.97	1.00	0.738	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	0.232	0.105	4.97	0.100	0.0232	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	1.84	0.100	4.97	0.100	0.184	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.598	0.0981	4.97	0.100	0.0598	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	4.40	0.110	4.97	0.0100	0.0440	N/A	6098264
Octa CDD *	pg/g	8.15	0.104	9.95	0.000300	0.00245	N/A	6098264
Total Tetra CDD *	pg/g	1.35	0.115	0.995	N/A	N/A	2	6098264
Total Penta CDD *	pg/g	0.738	0.111	4.97	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	7.76	0.102	4.97	N/A	N/A	5	6098264
Total Hepta CDD *	pg/g	13.3	0.110	4.97	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	2.29	0.112	0.995	0.100	0.229	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.195 (1)	0.195	4.97	0.0300	0.00585	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.355	0.105	4.97	0.300	0.107	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	0.159	0.113	4.97	0.100	0.0159	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.500	0.111	4.97	0.0100	0.00500	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.97	0.0100	0.00109	N/A	6098264
Octa CDF **	pg/g	0.418	0.110	9.95	0.000300	0.000125	N/A	6098264
Total Tetra CDF **	pg/g	9.89	0.112	0.995	N/A	N/A	10	6098264
Total Penta CDF **	pg/g	2.21	0.109	4.97	N/A	N/A	4	6098264
Total Hexa CDF **	pg/g	1.31	0.110	4.97	N/A	N/A	4	6098264
Total Hepta CDF **	pg/g	0.942	0.110	4.97	N/A	N/A	2	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ529						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C23 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.08	0.083	0.99	0.100	0.208	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.63	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ555						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.962	1.00	0.112	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.174 (1)	0.174	4.81	1.00	0.174	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.81	0.100	0.0110	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.212	0.112	4.81	0.100	0.0212	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.81	0.100	0.0111	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.81	0.0100	0.00109	N/A	6013390
Octa CDD *	pg/g	<0.120	0.120	9.62	0.000300	0.0000360	N/A	6013390
Total Tetra CDD *	pg/g	0.223	0.112	0.962	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.171 (1)	0.171	4.81	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.212	0.112	4.81	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.109	0.109	4.81	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.934	0.113	0.962	0.100	0.0934	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.81	0.0300	0.00339	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	0.137	0.0999	4.81	0.300	0.0411	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.81	0.100	0.0110	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.81	0.100	0.0102	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.81	0.100	0.0110	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.81	0.0100	0.00108	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.81	0.0100	0.00105	N/A	6013390
Octa CDF **	pg/g	<0.113	0.113	9.62	0.000300	0.0000339	N/A	6013390
Total Tetra CDF **	pg/g	3.82	0.113	0.962	N/A	N/A	6	6013390
Total Penta CDF **	pg/g	0.137	0.106	4.81	N/A	N/A	1	6013390
Total Hexa CDF **	pg/g	<0.106	0.106	4.81	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.106	0.106	4.81	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ555						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.513	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	125	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	131	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	138	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ555						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.127	0.127	0.969	1.00	0.127	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.133 (1)	0.133	4.84	1.00	0.133	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.84	0.100	0.0113	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.234	0.114	4.84	0.100	0.0234	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.84	0.100	0.0113	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.122	0.122	4.84	0.0100	0.00122	N/A	6013390
Octa CDD *	pg/g	<0.178 (1)	0.178	9.69	0.000300	0.0000534	N/A	6013390
Total Tetra CDD *	pg/g	0.255	0.127	0.969	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.133 (1)	0.133	4.84	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.433	0.114	4.84	N/A	N/A	2	6013390
Total Hepta CDD *	pg/g	<0.122	0.122	4.84	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.874	0.116	0.969	0.100	0.0874	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.84	0.0300	0.00357	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.126 (1)	0.126	4.84	0.300	0.0378	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.84	0.100	0.0115	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.84	0.100	0.0122	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.84	0.100	0.0112	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.84	0.100	0.0121	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.84	0.0100	0.00102	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0985	0.0985	4.84	0.0100	0.000985	N/A	6013390
Octa CDF **	pg/g	<0.0954	0.0954	9.69	0.000300	0.0000286	N/A	6013390
Total Tetra CDF **	pg/g	3.18	0.116	0.969	N/A	N/A	6	6013390
Total Penta CDF **	pg/g	0.121	0.111	4.84	N/A	N/A	1	6013390
Total Hexa CDF **	pg/g	<0.117	0.117	4.84	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ555						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.100	0.100	4.84	N/A	N/A	0	6013390
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.485	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	127	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	129	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	141	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ556						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.132	0.132	0.977	1.00	0.132	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.88	1.00	0.119	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.88	0.100	0.0108	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.88	0.100	0.0110	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.88	0.100	0.0109	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.304 (1)	0.304	4.88	0.0100	0.00304	N/A	6013390
Octa CDD *	pg/g	2.23	0.106	9.77	0.000300	0.000669	N/A	6013390
Total Tetra CDD *	pg/g	<0.132	0.132	0.977	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	<0.119	0.119	4.88	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.244	0.110	4.88	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.655 (2)	0.655	4.88	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.365	0.123	0.977	0.100	0.0365	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.124	0.124	4.88	0.0300	0.00372	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.88	0.300	0.0327	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.88	0.100	0.0101	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.88	0.100	0.0108	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0994	0.0994	4.88	0.100	0.00994	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.88	0.100	0.0107	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.88	0.0100	0.00113	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.88	0.0100	0.00110	N/A	6013390
Octa CDF **	pg/g	<0.100	0.100	9.77	0.000300	0.0000300	N/A	6013390
Total Tetra CDF **	pg/g	1.66	0.123	0.977	N/A	N/A	5	6013390
Total Penta CDF **	pg/g	<0.177 (1)	0.177	4.88	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.104	0.104	4.88	N/A	N/A	1	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ556						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.112	0.112	4.88	N/A	N/A	0	6013390
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.404	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	121	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	123	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	136	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	125	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	132	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	138 (1)	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) Internal recovery does not meet method criteria due to matrix effects.
Minimal impact on data

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ558						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.978	1.00	0.116	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.118 (1)	0.118	4.89	1.00	0.118	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.89	0.100	0.0117	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.337	0.118	4.89	0.100	0.0337	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.89	0.100	0.0117	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.89	0.0100	0.00116	N/A	6013390
Octa CDD *	pg/g	<0.109	0.109	9.78	0.000300	0.0000327	N/A	6013390
Total Tetra CDD *	pg/g	0.240	0.116	0.978	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.295 (1)	0.295	4.89	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.743	0.118	4.89	N/A	N/A	2	6013390
Total Hepta CDD *	pg/g	<0.116	0.116	4.89	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	1.05	0.123	0.978	0.100	0.105	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.89	0.0300	0.00324	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	0.149	0.0952	4.89	0.300	0.0447	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.89	0.100	0.0115	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.89	0.100	0.0122	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.89	0.100	0.0113	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.89	0.100	0.0121	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0870	0.0870	4.89	0.0100	0.000870	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ558						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0843	0.0843	4.89	0.0100	0.000843	N/A	6013390
Octa CDF **	pg/g	<0.0900	0.0900	9.78	0.000300	0.0000270	N/A	6013390
Total Tetra CDF **	pg/g	4.15	0.123	0.978	N/A	N/A	6	6013390
Total Penta CDF **	pg/g	0.684	0.101	4.89	N/A	N/A	2	6013390
Total Hexa CDF **	pg/g	<0.118	0.118	4.89	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.0856	0.0856	4.89	N/A	N/A	0	6013390
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.947	0.077	0.98	0.100	0.0947	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.484	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	126	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	118	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	130	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ568						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.120	0.120	0.959	1.00	0.120	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.249 (1)	0.249	4.79	1.00	0.249	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.79	0.100	0.0117	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.292 (1)	0.292	4.79	0.100	0.0292	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.79	0.100	0.0117	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.126	0.126	4.79	0.0100	0.00126	N/A	6013390
Octa CDD *	pg/g	0.157	0.130	9.59	0.000300	0.0000471	N/A	6013390
Total Tetra CDD *	pg/g	0.298	0.120	0.959	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.249 (1)	0.249	4.79	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.275	0.118	4.79	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.126	0.126	4.79	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	1.51	0.116	0.959	0.100	0.151	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	0.166	0.129	4.79	0.0300	0.00498	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	0.255	0.114	4.79	0.300	0.0765	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.79	0.100	0.0112	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.79	0.100	0.0119	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.79	0.100	0.0110	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.79	0.100	0.0119	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0985	0.0985	4.79	0.0100	0.000985	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0955	0.0955	4.79	0.0100	0.000955	N/A	6013390
Octa CDF **	pg/g	<0.128	0.128	9.59	0.000300	0.0000384	N/A	6013390
Total Tetra CDF **	pg/g	4.77	0.116	0.959	N/A	N/A	8	6013390
Total Penta CDF **	pg/g	0.870	0.121	4.79	N/A	N/A	3	6013390
Total Hexa CDF **	pg/g	<0.115	0.115	4.79	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.0969	0.0969	4.79	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ568						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.54	0.067	0.96	0.100	0.154	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.706	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	121	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	124	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ569						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.959	1.00	0.110	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.208 (1)	0.208	4.79	1.00	0.208	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.79	0.100	0.0113	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.270 (1)	0.270	4.79	0.100	0.0270	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.79	0.100	0.0108	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113	0.113	4.79	0.0100	0.00113	N/A	6013390
Octa CDD *	pg/g	<0.113	0.113	9.59	0.000300	0.0000339	N/A	6013390
Total Tetra CDD *	pg/g	0.173	0.110	0.959	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.208 (1)	0.208	4.79	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.190	0.109	4.79	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.113	0.113	4.79	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.945	0.116	0.959	0.100	0.0945	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.79	0.0300	0.00330	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.145 (1)	0.145	4.79	0.300	0.0435	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0987	0.0987	4.79	0.100	0.00987	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0980	0.0980	4.79	0.100	0.00980	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0935	0.0935	4.79	0.100	0.00935	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	0.125	0.100	4.79	0.100	0.0125	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.123	0.123	4.79	0.0100	0.00123	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.79	0.0100	0.00118	N/A	6013390
Octa CDF **	pg/g	<0.104	0.104	9.59	0.000300	0.0000312	N/A	6013390
Total Tetra CDF **	pg/g	4.19	0.116	0.959	N/A	N/A	5	6013390
Total Penta CDF **	pg/g	<0.175 (1)	0.175	4.79	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	0.125	0.0975	4.79	N/A	N/A	1	6013390
Total Hepta CDF **	pg/g	<0.121	0.121	4.79	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ569						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.94	0.10	0.96	0.100	0.0940	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.553	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	112	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ572						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.990	1.00	0.113	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	0.337	0.111	4.95	1.00	0.337	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	0.155	0.106	4.95	0.100	0.0155	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.727	0.103	4.95	0.100	0.0727	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	0.163	0.102	4.95	0.100	0.0163	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.125	0.109	4.95	0.0100	0.00125	N/A	6013390
Octa CDD *	pg/g	<0.140 (1)	0.140	9.90	0.000300	0.0000420	N/A	6013390
Total Tetra CDD *	pg/g	0.206	0.113	0.990	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	0.337	0.111	4.95	N/A	N/A	1	6013390
Total Hexa CDD *	pg/g	1.04	0.103	4.95	N/A	N/A	3	6013390
Total Hepta CDD *	pg/g	0.125	0.109	4.95	N/A	N/A	1	6013390
2,3,7,8-Tetra CDF **	pg/g	0.877	0.115	0.990	0.100	0.0877	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.124	0.124	4.95	0.0300	0.00372	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.179 (1)	0.179	4.95	0.300	0.0537	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.95	0.100	0.0109	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.95	0.100	0.0112	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.103	0.103	4.95	0.0100	0.00103	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0988	0.0988	4.95	0.0100	0.000988	N/A	6013390
Octa CDF **	pg/g	<0.111	0.111	9.90	0.000300	0.0000333	N/A	6013390
Total Tetra CDF **	pg/g	6.98	0.115	0.990	N/A	N/A	8	6013390
Total Penta CDF **	pg/g	0.314	0.119	4.95	N/A	N/A	1	6013390
Total Hexa CDF **	pg/g	<0.126 (1)	0.126	4.95	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.101	0.101	4.95	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ572						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.79	0.10	0.99	0.100	0.0790	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.738	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ581						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115 (1)	0.115	0.997	1.00	0.115	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.384 (1)	0.384	4.98	1.00	0.384	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.590	0.110	4.98	0.100	0.0590	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.159 (1)	0.159	4.98	0.0100	0.00159	N/A	6013390
Octa CDD *	pg/g	<0.538 (1)	0.538	9.97	0.000300	0.000161	N/A	6013390
Total Tetra CDD *	pg/g	0.297	0.115	0.997	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.384 (1)	0.384	4.98	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.590	0.110	4.98	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.159 (1)	0.159	4.98	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	1.77	0.105	0.997	0.100	0.177	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.220 (1)	0.220	4.98	0.0300	0.00660	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.326 (1)	0.326	4.98	0.300	0.0978	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.98	0.0100	0.00117	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6013390
Octa CDF **	pg/g	<0.111	0.111	9.97	0.000300	0.0000333	N/A	6013390
Total Tetra CDF **	pg/g	4.72	0.105	0.997	N/A	N/A	5	6013390
Total Penta CDF **	pg/g	0.596	0.104	4.98	N/A	N/A	2	6013390
Total Hexa CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ581						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.83	0.11	1.0	0.100	0.183	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.918	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ584						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.958	1.00	0.109	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.79	1.00	0.112	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.79	0.100	0.0113	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.79	0.100	0.0109	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.79	0.100	0.0105	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.102	0.102	4.79	0.0100	0.00102	N/A	6013390
Octa CDD *	pg/g	<0.112	0.112	9.58	0.000300	0.0000336	N/A	6013390
Total Tetra CDD *	pg/g	<0.109	0.109	0.958	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	<0.112	0.112	4.79	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	<0.672 (1)	0.672	4.79	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.102	0.102	4.79	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.503	0.113	0.958	0.100	0.0503	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.100	0.100	4.79	0.0300	0.00300	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.101 (1)	0.101	4.79	0.300	0.0303	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.79	0.100	0.0106	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.79	0.100	0.0105	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.79	0.100	0.0100	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.79	0.100	0.0107	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0938	0.0938	4.79	0.0100	0.000938	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0901	0.0901	4.79	0.0100	0.000901	N/A	6013390
Octa CDF **	pg/g	<0.112	0.112	9.58	0.000300	0.0000336	N/A	6013390
Total Tetra CDF **	pg/g	2.73	0.113	0.958	N/A	N/A	5	6013390
Total Penta CDF **	pg/g	<0.115 (1)	0.115	4.79	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.104	0.104	4.79	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.0919	0.0919	4.79	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ584						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.382	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ585						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.958	1.00	0.106	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	0.229	0.115	4.79	1.00	0.229	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.79	0.100	0.0102	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.243 (1)	0.243	4.79	0.100	0.0243	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0945	0.0945	4.79	0.100	0.00945	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.79	0.0100	0.00112	N/A	6013390
Octa CDD *	pg/g	<0.115 (1)	0.115	9.58	0.000300	0.0000345	N/A	6013390
Total Tetra CDD *	pg/g	<0.106	0.106	0.958	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	0.229	0.115	4.79	N/A	N/A	1	6013390
Total Hexa CDD *	pg/g	<0.607 (1)	0.607	4.79	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.112	0.112	4.79	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	<0.806 (1)	0.806	0.958	0.100	0.0806	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.79	0.0300	0.00357	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.134 (1)	0.134	4.79	0.300	0.0402	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.79	0.100	0.0109	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.79	0.100	0.0108	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.79	0.100	0.0103	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.79	0.100	0.0110	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.79	0.0100	0.00106	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.79	0.0100	0.00102	N/A	6013390
Octa CDF **	pg/g	0.233	0.108	9.58	0.000300	0.0000699	N/A	6013390
Total Tetra CDF **	pg/g	2.00	0.108	0.958	N/A	N/A	6	6013390
Total Penta CDF **	pg/g	0.157	0.114	4.79	N/A	N/A	1	6013390
Total Hexa CDF **	pg/g	<0.108	0.108	4.79	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.104	0.104	4.79	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ585						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.87	0.10	0.96	0.100	0.0870	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.556	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ586						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.951	1.00	0.108	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.128	0.128	4.76	1.00	0.128	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.76	0.100	0.0111	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.76	0.100	0.0107	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.76	0.100	0.0103	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.101	0.101	4.76	0.0100	0.00101	N/A	6013390
Octa CDD *	pg/g	<0.110 (1)	0.110	9.51	0.000300	0.0000330	N/A	6013390
Total Tetra CDD *	pg/g	<0.147 (1)	0.147	0.951	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	<0.128	0.128	4.76	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	<0.692 (1)	0.692	4.76	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.101	0.101	4.76	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.317	0.110	0.951	0.100	0.0317	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.76	0.0300	0.00324	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.0995	0.0995	4.76	0.300	0.0299	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.76	0.100	0.0103	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.76	0.100	0.0102	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0974	0.0974	4.76	0.100	0.00974	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.76	0.100	0.0104	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.76	0.0100	0.00111	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.76	0.0100	0.00107	N/A	6013390
Octa CDF **	pg/g	<0.112	0.112	9.51	0.000300	0.0000336	N/A	6013390
Total Tetra CDF **	pg/g	1.25	0.110	0.951	N/A	N/A	3	6013390
Total Penta CDF **	pg/g	<0.104	0.104	4.76	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.102	0.102	4.76	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.109	0.109	4.76	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ586						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.277	0.098	0.95	0.100	0.0277	N/A	6024321
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.373	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6024321
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ588						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.120	0.120	0.946	1.00	0.120	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.146	0.146	4.73	1.00	0.146	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.168	0.168	4.73	0.100	0.0168	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.163	0.163	4.73	0.100	0.0163	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.160	0.160	4.73	0.100	0.0160	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.73	0.0100	0.00109	N/A	6013390
Octa CDD *	pg/g	<0.145	0.145	9.46	0.000300	0.0000435	N/A	6013390
Total Tetra CDD *	pg/g	0.141	0.120	0.946	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	<0.146	0.146	4.73	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	<0.225 (1)	0.225	4.73	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.109	0.109	4.73	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.508	0.100	0.946	0.100	0.0508	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.135	0.135	4.73	0.0300	0.00405	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.124	0.124	4.73	0.300	0.0372	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.73	0.100	0.0103	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.73	0.100	0.0103	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0978	0.0978	4.73	0.100	0.00978	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.73	0.100	0.0105	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.73	0.0100	0.00104	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.73	0.0100	0.00100	N/A	6013390
Octa CDF **	pg/g	<0.116	0.116	9.46	0.000300	0.0000348	N/A	6013390
Total Tetra CDF **	pg/g	1.37	0.100	0.946	N/A	N/A	4	6013390
Total Penta CDF **	pg/g	<0.129	0.129	4.73	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.102	0.102	4.73	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.102	0.102	4.73	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ588						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.451	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ589						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0796	0.0796	0.913	1.00	0.0796	N/A	6035473
1,2,3,7,8-Penta CDD *	pg/g	<0.0709	0.0709	4.57	1.00	0.0709	N/A	6035473
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0902	0.0902	4.57	0.100	0.00902	N/A	6035473
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0910	0.0910	4.57	0.100	0.00910	N/A	6035473
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0962	0.0962	4.57	0.100	0.00962	N/A	6035473
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0826	0.0826	4.57	0.0100	0.000826	N/A	6035473
Octa CDD *	pg/g	<0.128	0.128	9.13	0.000300	0.0000384	N/A	6035473
Total Tetra CDD *	pg/g	<0.0796	0.0796	0.913	N/A	N/A	0	6035473
Total Penta CDD *	pg/g	<0.0709	0.0709	4.57	N/A	N/A	0	6035473
Total Hexa CDD *	pg/g	<0.0951	0.0951	4.57	N/A	N/A	0	6035473
Total Hepta CDD *	pg/g	<0.0826	0.0826	4.57	N/A	N/A	0	6035473
2,3,7,8-Tetra CDF **	pg/g	0.119	0.105	0.913	0.100	0.0119	N/A	6035473
1,2,3,7,8-Penta CDF **	pg/g	<0.0914	0.0914	4.57	0.0300	0.00274	N/A	6035473
2,3,4,7,8-Penta CDF **	pg/g	<0.0851	0.0851	4.57	0.300	0.0255	N/A	6035473
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0661	0.0661	4.57	0.100	0.00661	N/A	6035473
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0690	0.0690	4.57	0.100	0.00690	N/A	6035473
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0630	0.0630	4.57	0.100	0.00630	N/A	6035473
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0675	0.0675	4.57	0.100	0.00675	N/A	6035473
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0622	0.0622	4.57	0.0100	0.000622	N/A	6035473
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0593	0.0593	4.57	0.0100	0.000593	N/A	6035473
Octa CDF **	pg/g	<0.0960	0.0960	9.13	0.000300	0.0000288	N/A	6035473
Total Tetra CDF **	pg/g	0.119	0.105	0.913	N/A	N/A	1	6035473
Total Penta CDF **	pg/g	<0.0882	0.0882	4.57	N/A	N/A	0	6035473
Total Hexa CDF **	pg/g	<0.0663	0.0663	4.57	N/A	N/A	0	6035473
Total Hepta CDF **	pg/g	<0.0607	0.0607	4.57	N/A	N/A	0	6035473

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ589						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.247	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6035473
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6035473
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6035473
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6035473
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6035473
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6035473
C13-123678 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6035473
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6035473
C13-12378 PentaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6035473
C13-12378 PentaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6035473
C13-123789 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6035473
C13-234678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6035473
C13-23478 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6035473
C13-2378 TetraCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6035473
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6035473
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6035473

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ590						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.131	0.131	0.967	1.00	0.131	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	0.204	0.143	4.84	1.00	0.204	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.123	0.123	4.84	0.100	0.0123	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.300	0.119	4.84	0.100	0.0300	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.84	0.100	0.0117	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.84	0.0100	0.00115	N/A	6013390
Octa CDD *	pg/g	<0.193	0.193	9.67	0.000300	0.0000579	N/A	6013390
Total Tetra CDD *	pg/g	0.173	0.131	0.967	N/A	N/A	1	6013390
Total Penta CDD *	pg/g	0.204	0.143	4.84	N/A	N/A	1	6013390
Total Hexa CDD *	pg/g	0.300	0.119	4.84	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.115	0.115	4.84	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.899	0.146	0.967	0.100	0.0899	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.178	0.178	4.84	0.0300	0.00534	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.164	0.164	4.84	0.300	0.0492	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0996	0.0996	4.84	0.100	0.00996	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.84	0.100	0.00989	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0943	0.0943	4.84	0.100	0.00943	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.84	0.100	0.0101	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.84	0.0100	0.00119	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.84	0.0100	0.00115	N/A	6013390
Octa CDF **	pg/g	<0.175	0.175	9.67	0.000300	0.0000525	N/A	6013390
Total Tetra CDF **	pg/g	1.32	0.146	0.967	N/A	N/A	2	6013390
Total Penta CDF **	pg/g	<0.171	0.171	4.84	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.0984	0.0984	4.84	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.117	0.117	4.84	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ590						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.576	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ598						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C51 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.944	1.00	0.113	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.72	1.00	0.121	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.72	0.100	0.0108	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.72	0.100	0.0104	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.72	0.100	0.0103	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.196	0.196	4.72	0.0100	0.00196	N/A	6013390
Octa CDD *	pg/g	<0.160	0.160	9.44	0.000300	0.0000480	N/A	6013390
Total Tetra CDD *	pg/g	<0.113	0.113	0.944	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	<0.121	0.121	4.72	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	<0.367 (1)	0.367	4.72	N/A	N/A	0	6013390
Total Hepta CDD *	pg/g	<0.196	0.196	4.72	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.342	0.106	0.944	0.100	0.0342	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.72	0.0300	0.00342	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.72	0.300	0.0315	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.72	0.100	0.0113	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.72	0.100	0.0112	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.72	0.100	0.0107	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.72	0.100	0.0114	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.72	0.0100	0.00114	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.72	0.0100	0.00109	N/A	6013390
Octa CDF **	pg/g	<0.117	0.117	9.44	0.000300	0.0000351	N/A	6013390
Total Tetra CDF **	pg/g	0.699	0.106	0.944	N/A	N/A	2	6013390
Total Penta CDF **	pg/g	<0.109	0.109	4.72	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.111	0.111	4.72	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.111	0.111	4.72	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ598						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C51 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.383	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	123	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	130	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ600						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.134	0.134	0.963	1.00	0.134	N/A	6013390
1,2,3,7,8-Penta CDD *	pg/g	<0.165	0.165	4.81	1.00	0.165	N/A	6013390
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.81	0.100	0.0107	N/A	6013390
1,2,3,6,7,8-Hexa CDD *	pg/g	0.335	0.104	4.81	0.100	0.0335	N/A	6013390
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.81	0.100	0.0102	N/A	6013390
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.81	0.0100	0.00116	N/A	6013390
Octa CDD *	pg/g	<0.118	0.118	9.63	0.000300	0.0000354	N/A	6013390
Total Tetra CDD *	pg/g	<0.134	0.134	0.963	N/A	N/A	0	6013390
Total Penta CDD *	pg/g	<0.165	0.165	4.81	N/A	N/A	0	6013390
Total Hexa CDD *	pg/g	0.335	0.103	4.81	N/A	N/A	1	6013390
Total Hepta CDD *	pg/g	<0.116	0.116	4.81	N/A	N/A	0	6013390
2,3,7,8-Tetra CDF **	pg/g	0.475	0.137	0.963	0.100	0.0475	N/A	6013390
1,2,3,7,8-Penta CDF **	pg/g	<0.217	0.217	4.81	0.0300	0.00651	N/A	6013390
2,3,4,7,8-Penta CDF **	pg/g	<0.200	0.200	4.81	0.300	0.0600	N/A	6013390
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	6013390
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.81	0.100	0.0104	N/A	6013390
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.81	0.100	0.00989	N/A	6013390
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.81	0.100	0.0106	N/A	6013390
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.101	0.101	4.81	0.0100	0.00101	N/A	6013390
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0972	0.0972	4.81	0.0100	0.000972	N/A	6013390
Octa CDF **	pg/g	<0.195	0.195	9.63	0.000300	0.0000585	N/A	6013390
Total Tetra CDF **	pg/g	3.82	0.137	0.963	N/A	N/A	4	6013390
Total Penta CDF **	pg/g	<0.208	0.208	4.81	N/A	N/A	0	6013390
Total Hexa CDF **	pg/g	<0.118 (1)	0.118	4.81	N/A	N/A	0	6013390
Total Hepta CDF **	pg/g	<0.0992	0.0992	4.81	N/A	N/A	0	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ600						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.512	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6013390
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6013390
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDD *	%	130	N/A	N/A	N/A	N/A	N/A	6013390
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6013390
C13-12378 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6013390
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6013390
C13-234678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6013390
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6013390
C13-2378 TetraCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6013390
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6013390

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ604						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.310	0.113	0.999	1.00	0.310	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	1.40	0.115	5.00	1.00	1.40	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	0.188	0.113	5.00	0.100	0.0188	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	3.68	0.108	5.00	0.100	0.368	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.986	0.106	5.00	0.100	0.0986	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.66	0.113	5.00	0.0100	0.0266	N/A	6098264
Octa CDD *	pg/g	1.54	0.107	9.99	0.000300	0.000462	N/A	6098264
Total Tetra CDD *	pg/g	2.67	0.113	0.999	N/A	N/A	3	6098264
Total Penta CDD *	pg/g	3.09	0.115	5.00	N/A	N/A	3	6098264
Total Hexa CDD *	pg/g	11.8	0.110	5.00	N/A	N/A	5	6098264
Total Hepta CDD *	pg/g	5.68	0.113	5.00	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	3.45	0.117	0.999	0.100	0.345	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.260 (1)	0.260	5.00	0.0300	0.00780	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.537	0.102	5.00	0.300	0.161	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.122	0.122	5.00	0.100	0.0122	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	5.00	0.100	0.0120	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	5.00	0.100	0.0120	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.280	0.113	5.00	0.0100	0.00280	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6098264
Octa CDF **	pg/g	<0.107	0.107	9.99	0.000300	0.0000321	N/A	6098264
Total Tetra CDF **	pg/g	13.9	0.117	0.999	N/A	N/A	9	6098264
Total Penta CDF **	pg/g	1.83	0.105	5.00	N/A	N/A	4	6098264
Total Hexa CDF **	pg/g	0.397	0.119	5.00	N/A	N/A	1	6098264
Total Hepta CDF **	pg/g	0.280	0.111	5.00	N/A	N/A	1	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ604						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	3.12	0.093	1.0	0.100	0.312	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	2.75	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	87	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.999	1.00	0.109	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	5.00	1.00	0.108	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	5.00	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	5.00	0.0100	0.00111	N/A	6098264
Octa CDD *	pg/g	<0.117	0.117	9.99	0.000300	0.0000351	N/A	6098264
Total Tetra CDD *	pg/g	<0.109	0.109	0.999	N/A	N/A	0	6098264
Total Penta CDD *	pg/g	<0.108	0.108	5.00	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	<0.125 (1)	0.125	5.00	N/A	N/A	0	6098264
Total Hepta CDD *	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6098264
2,3,7,8-Tetra CDF **	pg/g	<0.101	0.101	0.999	0.100	0.0101	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.124	0.124	5.00	0.0300	0.00372	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.115	0.115	5.00	0.300	0.0345	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0949	0.0949	5.00	0.0100	0.000949	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0927	0.0927	5.00	0.0100	0.000927	N/A	6098264
Octa CDF **	pg/g	<0.118	0.118	9.99	0.000300	0.0000354	N/A	6098264
Total Tetra CDF **	pg/g	0.105	0.101	0.999	N/A	N/A	1	6098264
Total Penta CDF **	pg/g	<0.119	0.119	5.00	N/A	N/A	0	6098264
Total Hexa CDF **	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.0938	0.0938	5.00	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.997	1.00	0.112	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.102	0.102	4.98	1.00	0.102	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.127 (1)	0.127	4.98	0.100	0.0127	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0985	0.0985	4.98	0.100	0.00985	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0997	0.0997	4.98	0.0100	0.000997	N/A	6098264
Octa CDD *	pg/g	<0.126 (1)	0.126	9.97	0.000300	0.0000378	N/A	6098264
Total Tetra CDD *	pg/g	<0.131 (1)	0.131	0.997	N/A	N/A	0	6098264
Total Penta CDD *	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6098264
Total Hexa CDD *	pg/g	0.177	0.103	4.98	N/A	N/A	1	6098264
Total Hepta CDD *	pg/g	<0.0997	0.0997	4.98	N/A	N/A	0	6098264
2,3,7,8-Tetra CDF **	pg/g	<0.348 (1)	0.348	0.997	0.100	0.0348	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.98	0.0300	0.00369	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.115	0.115	4.98	0.300	0.0345	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6098264
Octa CDF **	pg/g	<0.117	0.117	9.97	0.000300	0.0000351	N/A	6098264
Total Tetra CDF **	pg/g	0.487	0.107	0.997	N/A	N/A	3	6098264
Total Penta CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6098264
Total Hexa CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.368	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ612						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.998	1.00	0.112	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.184 (1)	0.184	4.99	1.00	0.184	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.460	0.106	4.99	0.100	0.0460	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.169 (1)	0.169	4.99	0.100	0.0169	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.447 (1)	0.447	4.99	0.0100	0.00447	N/A	6098264
Octa CDD *	pg/g	0.859	0.117	9.98	0.000300	0.000258	N/A	6098264
Total Tetra CDD *	pg/g	0.279	0.112	0.998	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.211	0.109	4.99	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	1.52	0.108	4.99	N/A	N/A	2	6098264
Total Hepta CDD *	pg/g	1.01	0.104	4.99	N/A	N/A	1	6098264
2,3,7,8-Tetra CDF **	pg/g	0.810	0.119	0.998	0.100	0.0810	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.99	0.0300	0.00354	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.157 (2)	0.157	4.99	0.300	0.0471	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6098264
Octa CDF **	pg/g	<0.105	0.105	9.98	0.000300	0.0000315	N/A	6098264
Total Tetra CDF **	pg/g	1.87	0.119	0.998	N/A	N/A	5	6098264
Total Penta CDF **	pg/g	0.223	0.114	4.99	N/A	N/A	1	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ612						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6098264
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.552	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.181 (1)	0.181	0.997	1.00	0.181	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.713	0.115	4.99	1.00	0.713	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	0.233	0.109	4.99	0.100	0.0233	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	2.59	0.105	4.99	0.100	0.259	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	1.07	0.102	4.99	0.100	0.107	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.89	0.119	4.99	0.0100	0.0289	N/A	6098264
Octa CDD *	pg/g	<0.793 (1)	0.793	9.97	0.000300	0.000238	N/A	6098264
Total Tetra CDD *	pg/g	0.548	0.115	0.997	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	1.53	0.115	4.99	N/A	N/A	2	6098264
Total Hexa CDD *	pg/g	13.3	0.107	4.99	N/A	N/A	5	6098264
Total Hepta CDD *	pg/g	7.84	0.119	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.42	0.110	0.997	0.100	0.142	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	0.185	0.111	4.99	0.0300	0.00555	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.226	0.103	4.99	0.300	0.0678	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117 (1)	0.117	4.99	0.100	0.0117	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	0.123	0.106	4.99	0.100	0.0123	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.293 (1)	0.293	4.99	0.0100	0.00293	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6098264
Octa CDF **	pg/g	<0.149 (1)	0.149	9.97	0.000300	0.0000447	N/A	6098264
Total Tetra CDF **	pg/g	6.90	0.110	0.997	N/A	N/A	9	6098264
Total Penta CDF **	pg/g	1.11	0.107	4.99	N/A	N/A	4	6098264
Total Hexa CDF **	pg/g	1.13	0.105	4.99	N/A	N/A	4	6098264
Total Hepta CDF **	pg/g	<0.339 (1)	0.339	4.99	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.27	0.081	1.0	0.100	0.127	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.56	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ618						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.163 (1)	0.163	0.999	1.00	0.163	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	<0.308 (2)	0.308	4.99	1.00	0.308	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.130 (2)	0.130	4.99	0.100	0.0130	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.706	0.114	4.99	0.100	0.0706	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.266	0.112	4.99	0.100	0.0266	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.571	0.110	4.99	0.0100	0.00571	N/A	6098264
Octa CDD *	pg/g	1.18	0.104	9.99	0.000300	0.000354	N/A	6098264
Total Tetra CDD *	pg/g	0.453	0.106	0.999	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.290	0.106	4.99	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	2.35	0.116	4.99	N/A	N/A	4	6098264
Total Hepta CDD *	pg/g	1.82	0.110	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	1.65	0.105	0.999	0.100	0.165	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.173 (2)	0.173	4.99	0.0300	0.00519	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.250 (2)	0.250	4.99	0.300	0.0750	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	0.123	0.110	4.99	0.100	0.0123	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.138 (2)	0.138	4.99	0.0100	0.00138	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0991	0.0991	4.99	0.0100	0.000991	N/A	6098264
Octa CDF **	pg/g	0.361	0.116	9.99	0.000300	0.000108	N/A	6098264
Total Tetra CDF **	pg/g	4.38	0.105	0.999	N/A	N/A	6	6098264
Total Penta CDF **	pg/g	0.677	0.116	4.99	N/A	N/A	3	6098264
Total Hexa CDF **	pg/g	0.123	0.110	4.99	N/A	N/A	1	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ618						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	<0.154 (1)	0.154	4.99	N/A	N/A	0	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.48	0.076	1.0	0.100	0.148	N/A	6108403
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.863	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6108403
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.997	1.00	0.117	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.437	0.101	4.99	1.00	0.437	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.930	0.104	4.99	0.100	0.0930	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.323	0.102	4.99	0.100	0.0323	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.940 (1)	0.940	4.99	0.0100	0.00940	N/A	6098264
Octa CDD *	pg/g	1.57	0.113	9.97	0.000300	0.000471	N/A	6098264
Total Tetra CDD *	pg/g	0.609	0.117	0.997	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.437	0.101	4.99	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	3.35	0.106	4.99	N/A	N/A	4	6098264
Total Hepta CDD *	pg/g	3.88	0.102	4.99	N/A	N/A	1	6098264
2,3,7,8-Tetra CDF **	pg/g	1.76	0.111	0.997	0.100	0.176	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.162 (2)	0.162	4.99	0.0300	0.00486	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.248	0.107	4.99	0.300	0.0744	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.159	0.109	4.99	0.0100	0.00159	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6098264
Octa CDF **	pg/g	0.159	0.112	9.97	0.000300	0.0000477	N/A	6098264
Total Tetra CDF **	pg/g	4.69	0.111	0.997	N/A	N/A	7	6098264
Total Penta CDF **	pg/g	0.843	0.110	4.99	N/A	N/A	3	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	0.192	0.107	4.99	N/A	N/A	1	6098264
Total Hepta CDF **	pg/g	0.361	0.107	4.99	N/A	N/A	2	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.40	0.11	1.0	0.100	0.140	N/A	6110845
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.965	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6110845
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ624						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C23 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.165 (1)	0.165	0.997	1.00	0.165	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.550	0.212	4.99	1.00	0.550	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.854 (2)	0.854	4.99	0.100	0.0854	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.236	0.114	4.99	0.100	0.0236	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.35	0.106	4.99	0.0100	0.0135	N/A	6098264
Octa CDD *	pg/g	1.48	0.108	9.97	0.000300	0.000444	N/A	6098264
Total Tetra CDD *	pg/g	1.52	0.112	0.997	N/A	N/A	3	6098264
Total Penta CDD *	pg/g	0.550	0.212	4.99	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	2.30	0.119	4.99	N/A	N/A	3	6098264
Total Hepta CDD *	pg/g	5.44	0.106	4.99	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	2.15	0.105	0.997	0.100	0.215	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.152	0.152	4.99	0.0300	0.00456	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	<0.216 (2)	0.216	4.99	0.300	0.0648	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.160	0.145	4.99	0.0100	0.00160	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.99	0.0100	0.00142	N/A	6098264
Octa CDF **	pg/g	<0.143	0.143	9.97	0.000300	0.0000429	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ624						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C23 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Tetra CDF **	pg/g	8.88	0.105	0.997	N/A	N/A	8	6098264
Total Penta CDF **	pg/g	0.668	0.147	4.99	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	<0.213 (1)	0.213	4.99	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	0.160	0.143	4.99	N/A	N/A	1	6098264
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.80	0.092	1.0	0.100	0.180	N/A	6110845
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.15	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6110845
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ626						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.128 (1)	0.128	1.00	1.00	0.128	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.706	0.115	5.00	1.00	0.706	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	1.84	0.101	5.00	0.100	0.184	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.473	0.0985	5.00	0.100	0.0473	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.565	0.103	5.00	0.0100	0.00565	N/A	6098264
Octa CDD *	pg/g	0.387	0.103	10.0	0.000300	0.000116	N/A	6098264
Total Tetra CDD *	pg/g	0.632	0.108	1.00	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.887	0.115	5.00	N/A	N/A	2	6098264
Total Hexa CDD *	pg/g	6.53	0.103	5.00	N/A	N/A	4	6098264
Total Hepta CDD *	pg/g	1.38	0.103	5.00	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	2.94	0.105	1.00	0.100	0.294	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.140 (1)	0.140	5.00	0.0300	0.00420	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.398	0.113	5.00	0.300	0.119	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0973	0.0973	5.00	0.100	0.00973	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.146	0.116	5.00	0.0100	0.00146	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	5.00	0.0100	0.00114	N/A	6098264
Octa CDF **	pg/g	<0.107	0.107	10.0	0.000300	0.0000321	N/A	6098264
Total Tetra CDF **	pg/g	9.10	0.105	1.00	N/A	N/A	9	6098264
Total Penta CDF **	pg/g	0.976	0.117	5.00	N/A	N/A	3	6098264
Total Hexa CDF **	pg/g	0.589	0.100	5.00	N/A	N/A	2	6098264
Total Hepta CDF **	pg/g	0.146	0.115	5.00	N/A	N/A	1	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ626						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.39	0.044	1.0	0.100	0.239	N/A	6110845
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.49	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6110845
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ628						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C27 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.996	1.00	0.113	N/A	6098264
1,2,3,7,8-Penta CDD *	pg/g	0.247	0.105	4.98	1.00	0.247	N/A	6098264
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6098264
1,2,3,6,7,8-Hexa CDD *	pg/g	0.586	0.113	4.98	0.100	0.0586	N/A	6098264
1,2,3,7,8,9-Hexa CDD *	pg/g	0.188	0.110	4.98	0.100	0.0188	N/A	6098264
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.555	0.113	4.98	0.0100	0.00555	N/A	6098264
Octa CDD *	pg/g	0.966	0.117	9.96	0.000300	0.000290	N/A	6098264
Total Tetra CDD *	pg/g	0.141	0.113	0.996	N/A	N/A	1	6098264
Total Penta CDD *	pg/g	0.247	0.105	4.98	N/A	N/A	1	6098264
Total Hexa CDD *	pg/g	2.10	0.115	4.98	N/A	N/A	4	6098264
Total Hepta CDD *	pg/g	1.36	0.113	4.98	N/A	N/A	2	6098264
2,3,7,8-Tetra CDF **	pg/g	0.793	0.103	0.996	0.100	0.0793	N/A	6098264
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.0300	0.00342	N/A	6098264
2,3,4,7,8-Penta CDF **	pg/g	0.129	0.106	4.98	0.300	0.0387	N/A	6098264
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6098264
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6098264
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6098264
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6098264
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.98	0.0100	0.00117	N/A	6098264
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.98	0.0100	0.00114	N/A	6098264
Octa CDF **	pg/g	<0.105	0.105	9.96	0.000300	0.0000315	N/A	6098264
Total Tetra CDF **	pg/g	1.11	0.103	0.996	N/A	N/A	3	6098264
Total Penta CDF **	pg/g	0.129	0.110	4.98	N/A	N/A	1	6098264
Total Hexa CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6098264
Total Hepta CDF **	pg/g	<0.116	0.116	4.98	N/A	N/A	0	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ628						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C27 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.684	0.054	1.0	0.100	0.0684	N/A	6110845
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.613	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6110845
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234678 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6098264
C13-123478 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-1234789 HeptaCDF **	%	121	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6098264
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6098264
C13-12378 PentaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6098264
C13-123789 HexaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6098264
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6098264
C13-23478 PentaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6098264
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6098264
C13-OCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6098264

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.198	0.198	0.991	1.00	0.198	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	0.848	0.221	4.95	1.00	0.848	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.259 (1)	0.259	4.95	0.100	0.0259	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	1.94	0.153	4.95	0.100	0.194	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.573	0.163	4.95	0.100	0.0573	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	6.22	0.195	4.95	0.0100	0.0622	N/A	6119366
Octa CDD *	pg/g	2.89	0.215	9.91	0.000300	0.000867	N/A	6119366
Total Tetra CDD *	pg/g	1.20	0.198	0.991	N/A	N/A	1	6119366
Total Penta CDD *	pg/g	0.848	0.221	4.95	N/A	N/A	1	6119366
Total Hexa CDD *	pg/g	8.35	0.160	4.95	N/A	N/A	4	6119366
Total Hepta CDD *	pg/g	15.9	0.195	4.95	N/A	N/A	2	6119366
2,3,7,8-Tetra CDF **	pg/g	2.50	0.294	0.991	0.100	0.250	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.412	0.412	4.95	0.0300	0.0124	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	<0.409 (1)	0.409	4.95	0.300	0.123	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.165	0.165	4.95	0.100	0.0165	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.169	0.169	4.95	0.100	0.0169	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.157	0.157	4.95	0.100	0.0157	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.167	0.167	4.95	0.100	0.0167	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.546	0.112	4.95	0.0100	0.00546	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.95	0.0100	0.00108	N/A	6119366
Octa CDF **	pg/g	<0.364 (1)	0.364	9.91	0.000300	0.000109	N/A	6119366
Total Tetra CDF **	pg/g	10.0	0.294	0.991	N/A	N/A	7	6119366
Total Penta CDF **	pg/g	0.542	0.393	4.95	N/A	N/A	1	6119366
Total Hexa CDF **	pg/g	1.28	0.165	4.95	N/A	N/A	2	6119366
Total Hepta CDF **	pg/g	0.546	0.110	4.95	N/A	N/A	1	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.08	0.070	1.0	0.100	0.208	N/A	6127825
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.80	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6127825
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.206	0.206	0.991	1.00	0.206	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	<0.552 (1)	0.552	4.95	1.00	0.552	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	0.286	0.209	4.95	0.100	0.0286	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	1.39	0.204	4.95	0.100	0.139	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.445	0.216	4.95	0.100	0.0445	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	4.31	0.135	4.95	0.0100	0.0431	N/A	6119366
Octa CDD *	pg/g	1.93	0.116	9.91	0.000300	0.000579	N/A	6119366
Total Tetra CDD *	pg/g	0.958	0.206	0.991	N/A	N/A	1	6119366
Total Penta CDD *	pg/g	<0.552 (1)	0.552	4.95	N/A	N/A	0	6119366
Total Hexa CDD *	pg/g	8.14	0.213	4.95	N/A	N/A	5	6119366
Total Hepta CDD *	pg/g	11.3	0.135	4.95	N/A	N/A	2	6119366
2,3,7,8-Tetra CDF **	pg/g	1.94	0.244	0.991	0.100	0.194	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.383	0.383	4.95	0.0300	0.0115	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	<0.350	0.350	4.95	0.300	0.105	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.169	0.169	4.95	0.100	0.0169	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.173	0.173	4.95	0.100	0.0173	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.161	0.161	4.95	0.100	0.0161	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.171	0.171	4.95	0.100	0.0171	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.265 (1)	0.265	4.95	0.0100	0.00265	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.122	0.122	4.95	0.0100	0.00122	N/A	6119366
Octa CDF **	pg/g	<0.387	0.387	9.91	0.000300	0.000116	N/A	6119366
Total Tetra CDF **	pg/g	7.21 (2)	0.244	0.991	N/A	N/A	6	6119366
Total Penta CDF **	pg/g	<0.973 (1)	0.973	4.95	N/A	N/A	0	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Duplicate results outside limits due to heterogeneity

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	1.32	0.168	4.95	N/A	N/A	2	6119366
Total Hepta CDF **	pg/g	0.603	0.124	4.95	N/A	N/A	1	6119366
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.53	0.070	0.99	0.100	0.153	N/A	6127825
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.35	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6127825
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ632						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C31 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.220	0.220	0.995	1.00	0.220	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	0.805	0.300	4.98	1.00	0.805	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.232 (1)	0.232	4.98	0.100	0.0232	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	1.77	0.132	4.98	0.100	0.177	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.484	0.141	4.98	0.100	0.0484	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.77	0.109	4.98	0.0100	0.0277	N/A	6119366
Octa CDD *	pg/g	0.662	0.221	9.95	0.000300	0.000199	N/A	6119366
Total Tetra CDD *	pg/g	<0.872 (2)	0.872	0.995	N/A	N/A	0	6119366
Total Penta CDD *	pg/g	1.52	0.300	4.98	N/A	N/A	2	6119366
Total Hexa CDD *	pg/g	8.05	0.139	4.98	N/A	N/A	4	6119366
Total Hepta CDD *	pg/g	6.03	0.109	4.98	N/A	N/A	2	6119366
2,3,7,8-Tetra CDF **	pg/g	2.58	0.330	0.995	0.100	0.258	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.278	0.278	4.98	0.0300	0.00834	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	0.570	0.254	4.98	0.300	0.171	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.215	0.215	4.98	0.100	0.0215	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.221	0.221	4.98	0.100	0.0221	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.205	0.205	4.98	0.100	0.0205	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.218	0.218	4.98	0.100	0.0218	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.325	0.120	4.98	0.0100	0.00325	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.117	0.117	4.98	0.0100	0.00117	N/A	6119366
Octa CDF **	pg/g	<0.202	0.202	9.95	0.000300	0.0000606	N/A	6119366
Total Tetra CDF **	pg/g	5.23	0.330	0.995	N/A	N/A	4	6119366
Total Penta CDF **	pg/g	1.00	0.266	4.98	N/A	N/A	2	6119366
Total Hexa CDF **	pg/g	0.697	0.214	4.98	N/A	N/A	2	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ632						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C31 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hepta CDF **	pg/g	0.325	0.119	4.98	N/A	N/A	1	6119366
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.39	0.071	1.0	0.100	0.239	N/A	6127825
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.81	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6127825
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.141	0.141	0.996	1.00	0.141	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	<0.676 (1)	0.676	4.98	1.00	0.676	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.193	0.193	4.98	0.100	0.0193	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	2.12	0.189	4.98	0.100	0.212	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.226	0.201	4.98	0.100	0.0226	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.371	0.209	4.98	0.0100	0.00371	N/A	6119366
Octa CDD *	pg/g	<0.513 (1)	0.513	9.96	0.000300	0.000154	N/A	6119366
Total Tetra CDD *	pg/g	<0.530 (1)	0.530	0.996	N/A	N/A	0	6119366
Total Penta CDD *	pg/g	<0.873 (1)	0.873	4.98	N/A	N/A	0	6119366
Total Hexa CDD *	pg/g	6.33	0.198	4.98	N/A	N/A	4	6119366
Total Hepta CDD *	pg/g	1.09	0.209	4.98	N/A	N/A	2	6119366
2,3,7,8-Tetra CDF **	pg/g	1.35	0.147	0.996	0.100	0.135	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.332	0.332	4.98	0.0300	0.00996	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	<0.304	0.304	4.98	0.300	0.0912	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.203	0.203	4.98	0.100	0.0203	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.208	0.208	4.98	0.100	0.0208	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.193	0.193	4.98	0.100	0.0193	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.206	0.206	4.98	0.100	0.0206	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.179	0.118	4.98	0.0100	0.00179	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	6119366
Octa CDF **	pg/g	<0.129	0.129	9.96	0.000300	0.0000387	N/A	6119366
Total Tetra CDF **	pg/g	7.39	0.147	0.996	N/A	N/A	7	6119366
Total Penta CDF **	pg/g	2.07	0.317	4.98	N/A	N/A	3	6119366
Total Hexa CDF **	pg/g	0.949	0.203	4.98	N/A	N/A	2	6119366
Total Hepta CDF **	pg/g	0.360	0.117	4.98	N/A	N/A	2	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.08	0.11	1.0	0.100	0.108	N/A	6127825
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.37	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6127825
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	112	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	123	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	118	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.162	0.162	0.995	1.00	0.162	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	0.655	0.249	4.97	1.00	0.655	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	1.49	0.115	4.97	0.100	0.149	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	0.326	0.122	4.97	0.100	0.0326	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.592	0.114	4.97	0.0100	0.00592	N/A	6119366
Octa CDD *	pg/g	<0.302 (1)	0.302	9.95	0.000300	0.0000906	N/A	6119366
Total Tetra CDD *	pg/g	0.559	0.162	0.995	N/A	N/A	1	6119366
Total Penta CDD *	pg/g	0.655	0.249	4.97	N/A	N/A	1	6119366
Total Hexa CDD *	pg/g	4.18	0.120	4.97	N/A	N/A	4	6119366
Total Hepta CDD *	pg/g	0.592	0.114	4.97	N/A	N/A	1	6119366
2,3,7,8-Tetra CDF **	pg/g	2.79	0.110	0.995	0.100	0.279	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.411	0.411	4.97	0.0300	0.0123	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	<0.408 (2)	0.408	4.97	0.300	0.122	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.180	0.180	4.97	0.100	0.0180	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.185	0.185	4.97	0.100	0.0185	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.171	0.171	4.97	0.100	0.0171	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.182	0.182	4.97	0.100	0.0182	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.127	0.120	4.97	0.0100	0.00127	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.117	0.117	4.97	0.0100	0.00117	N/A	6119366
Octa CDF **	pg/g	<0.110	0.110	9.95	0.000300	0.0000330	N/A	6119366
Total Tetra CDF **	pg/g	8.72	0.110	0.995	N/A	N/A	7	6119366
Total Penta CDF **	pg/g	0.408	0.392	4.97	N/A	N/A	1	6119366

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	0.507	0.179	4.97	N/A	N/A	2	6119366
Total Hepta CDF **	pg/g	0.127	0.119	4.97	N/A	N/A	1	6119366
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.79	0.11	0.10	0.100	0.279	N/A	6127825
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.50	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6127825
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	126	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	121	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	124	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	113	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6119366

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ639						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.131	0.131	0.995	1.00	0.131	N/A	6119366
1,2,3,7,8-Penta CDD *	pg/g	<0.215	0.215	4.98	1.00	0.215	N/A	6119366
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.209	0.209	4.98	0.100	0.0209	N/A	6119366
1,2,3,6,7,8-Hexa CDD *	pg/g	0.584	0.204	4.98	0.100	0.0584	N/A	6119366
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.217	0.217	4.98	0.100	0.0217	N/A	6119366
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.876	0.108	4.98	0.0100	0.00876	N/A	6119366
Octa CDD *	pg/g	1.53	0.213	9.95	0.000300	0.000459	N/A	6119366
Total Tetra CDD *	pg/g	<0.131	0.131	0.995	N/A	N/A	0	6119366
Total Penta CDD *	pg/g	<0.215	0.215	4.98	N/A	N/A	0	6119366
Total Hexa CDD *	pg/g	2.06	0.213	4.98	N/A	N/A	2	6119366
Total Hepta CDD *	pg/g	2.70	0.108	4.98	N/A	N/A	2	6119366
2,3,7,8-Tetra CDF **	pg/g	0.760	0.135	0.995	0.100	0.0760	N/A	6119366
1,2,3,7,8-Penta CDF **	pg/g	<0.291	0.291	4.98	0.0300	0.00873	N/A	6119366
2,3,4,7,8-Penta CDF **	pg/g	<0.265	0.265	4.98	0.300	0.0795	N/A	6119366
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6119366
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6119366
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6119366
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6119366
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111 (1)	0.111	4.98	0.0100	0.00111	N/A	6119366
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.125	0.125	4.98	0.0100	0.00125	N/A	6119366
Octa CDF **	pg/g	<0.196	0.196	9.95	0.000300	0.0000588	N/A	6119366
Total Tetra CDF **	pg/g	1.55	0.135	0.995	N/A	N/A	3	6119366
Total Penta CDF **	pg/g	<0.277	0.277	4.98	N/A	N/A	0	6119366
Total Hexa CDF **	pg/g	0.142	0.116	4.98	N/A	N/A	1	6119366
Total Hepta CDF **	pg/g	0.152	0.126	4.98	N/A	N/A	1	6119366

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* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		IUZ639						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.669	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234678 HeptaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6119366
C13-123478 HexaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6119366
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6119366
C13-123678 HexaCDF **	%	116	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6119366
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6119366
C13-123789 HexaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6119366
C13-234678 HexaCDF **	%	120	N/A	N/A	N/A	N/A	N/A	6119366
C13-23478 PentaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6119366
C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6119366
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6119366

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QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	0.00189	0.00081	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00190	0.00079	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	0.0080	0.0019	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.0088	0.0012	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0171	0.0010	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.131	0.00057	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0071 (1)	0.0071	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0156	0.00059	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.00422	0.00055	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.00920	0.00058	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	0.00201	0.00087	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0844	0.00053	0.0099	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.00569	0.00082	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0277	0.00076	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0529	0.00091	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0485	0.0011	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0080	0.0011	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.238	0.00092	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.00709	0.00098	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	0.0016	0.0011	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0389	0.00096	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.182	0.00087	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	0.00591	0.00096	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.432	0.00091	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0611	0.00083	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0173	0.00070	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0692	0.00079	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.716	0.00079	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0186	0.00078	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.127	0.00075	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.459	0.00074	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	0.00189	0.00072	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00308	0.00071	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00498	0.00082	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0214	0.00085	0.0099	0.000100	0.00000214	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00297	0.00065	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00084	0.00084	0.0099	0.000300	0.000000252	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0315	0.0011	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.556	0.0010	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.122	0.0011	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.107	0.00073	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.383	0.00079	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0835	0.00096	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.799	0.00077	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.127	0.00099	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00921	0.00097	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	0.0015	0.0011	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.346	0.00096	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.00700	0.00089	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.235	0.0011	0.0099	0.0000300	0.00000705	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0374	0.00088	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0153	0.0010	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.814	0.00076	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6059521

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0148	0.0011	0.0099	0.0000300	0.000000444	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.705	0.0011	0.0099	0.0000300	0.0000212	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0025 (1)	0.0025	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0098	0.0012	0.0099	0.0000300	0.000000294	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0099	0.100	0.000110	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0856	0.0018	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.572	0.0021	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0068 (1)	0.0068	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.121	0.0025	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.0062 (1)	0.0062	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0239	0.0027	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.149	0.0011	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0438	0.00087	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0266	0.0020	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0073	0.0022	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0522	0.0021	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0669	0.0020	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.445	0.0022	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.373	0.0017	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.00666	0.00095	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0478	0.0012	0.020	0.0000300	0.00000143	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0403	0.0015	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0227	0.0017	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0132	0.0011	0.0099	0.0000300	0.000000396	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0286	0.0019	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0152	0.0028	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0037 (1)	0.0037	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0287	0.0024	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	0.0079	0.0011	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0203	0.0026	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0115	0.0015	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0259	0.0011	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0646	0.0020	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0113	0.0026	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0119	0.0027	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0696	0.0013	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0072	0.0020	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	0.0078	0.0017	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	0.0032	0.0019	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	0.0055	0.0025	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.0062	0.0024	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.0042	0.0020	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.0059	0.0022	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000176	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	127	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ803						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	134	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	128	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	89	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	0.00085	0.00022	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00221	0.00021	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00022	0.00022	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	0.00107	0.00084	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.00070	0.00054	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.00258	0.00045	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0233	0.00025	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0016 (1)	0.0016	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.00347	0.00026	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.00076 (1)	0.00076	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.00158	0.00026	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0166	0.00024	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00051 (1)	0.00051	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.00741	0.00034	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.00576	0.00061	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.00499	0.00074	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.00149	0.00075	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0261	0.00062	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.00066	0.00066	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.00204	0.00065	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0202	0.00059	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.00064	0.00064	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0626	0.00061	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00011	0.00011	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.00862	0.00036	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.00161	0.00047	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0151	0.00034	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.110	0.00034	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.00277	0.00034	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.00974	0.00050	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.0825	0.00032	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.00040	0.00031	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.00063	0.00031	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00079	0.00036	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.00437	0.00037	0.010	0.000100	0.000000437	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00066	0.00028	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00037	0.00037	0.010	0.000300	0.000000111	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.00506	0.00053	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.0707	0.00049	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0121	0.00053	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0155	0.00036	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0605	0.00039	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.00824	0.00047	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.139	0.00038	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0257	0.00049	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00109	0.00048	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0487	0.00048	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.000089	0.000089	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.00098	0.00044	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.000084	0.000084	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0518	0.00039	0.010	0.0000300	0.00000155	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.00769	0.00030	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.00350	0.00035	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.122	0.00037	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.00368	0.00038	0.010	0.0000300	0.000000110	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.143	0.00039	0.010	0.0000300	0.00000429	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.00052 (1)	0.00052	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.00215	0.00042	0.010	0.0000300	0.0000000645	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.00037	0.00037	0.010	0.100	0.0000370	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0206	0.00059	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.146	0.00068	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.00673	0.00079	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	0.00130	0.00090	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0194	0.00079	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.00406	0.00087	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0306	0.00031	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.00619	0.00023	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.00577	0.00066	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.00084 (1)	0.00084	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0109	0.00068	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.00393	0.00029	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0175	0.00065	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.0921	0.00072	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.105	0.00056	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.00117	0.00025	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0129	0.00060	0.020	0.0000300	0.000000387	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0100	0.00048	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.00493	0.00055	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.00424	0.00055	0.010	0.0000300	0.000000127	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.00059	0.00059	0.010	0.0300	0.0000177	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.00696	0.00059	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.00447	0.00084	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.00575	0.00074	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.00603	0.00079	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.00335	0.00037	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.00590	0.00027	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0187	0.00061	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.00379	0.00078	0.010	N/A	N/A	N/A	6059521

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BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	0.00392	0.00082	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0201	0.00032	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.00032	0.00032	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.00059	0.00059	0.010	0.0000300	0.0000000177	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.00199	0.00061	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.00177	0.00076	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.00078 (1)	0.00078	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.00128	0.00070	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000618	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	6059521

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ805						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	45	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00026	0.00026	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	0.00159	0.00048	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00022	0.00022	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00048	0.00048	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.00323	0.00063	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0388	0.00047	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.00261	0.00051	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.00547	0.00048	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.00101	0.00045	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.00221	0.00047	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0256	0.00044	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00074 (1)	0.00074	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.00755	0.00062	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.00748	0.00082	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0096	0.0010	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0510	0.00083	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.00103	0.00089	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.00347	0.00087	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0392	0.00079	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.00087	0.00087	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.102	0.00082	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00025	0.00025	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0123	0.00061	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.00385	0.00063	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0195	0.00057	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.188	0.00057	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.00519	0.00057	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0318	0.00067	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.110	0.00054	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.00061	0.00053	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.00081	0.00052	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00155	0.00060	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.00477	0.00062	0.0099	0.000100	0.000000477	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00116	0.00048	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00062	0.00062	0.0099	0.000300	0.000000186	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.00575	0.00072	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.171	0.00066	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0173	0.00071	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0326	0.00049	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0953	0.00053	0.059	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0169	0.00064	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.221	0.00052	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0389	0.00066	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020 (1)	0.0020	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0717	0.00064	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.00142	0.00059	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00031	0.00031	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0776	0.00082	0.0099	0.0000300	0.00000233	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0131	0.00064	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.00579	0.00073	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.208	0.00050	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0045 (1)	0.0045	0.0099	0.0000300	0.000000135	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.241	0.00083	0.0099	0.0000300	0.00000723	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.00288	0.00088	0.0099	0.0000300	0.0000000864	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.00077	0.00077	0.0099	0.100	0.0000770	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0335	0.0011	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.220	0.0012	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0110	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	0.0031	0.0016	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0322	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0027	0.0014	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0063	0.0016	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0478	0.00082	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.00902	0.00061	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0104	0.0012	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0024	0.0013	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0233	0.0012	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.00630	0.00078	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0293	0.0012	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.128	0.0013	0.020	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.182	0.0010	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.00230	0.00067	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0221	0.00097	0.020	0.0000300	0.000000663	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0190	0.00087	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0062	0.0010	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.00724	0.00090	0.0099	0.0000300	0.000000217	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.00096	0.00096	0.0099	0.0300	0.0000288	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0135	0.00080	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.0049 (1)	0.0049	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0105	0.00099	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0088	0.0011	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.00542	0.00055	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.00836	0.00040	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0408	0.00082	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.0055 (1)	0.0055	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	0.0054	0.0011	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0291	0.00048	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.0099	0.0000300	0.0000000330	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.00349	0.00082	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	0.00297	0.00086	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.00317	0.00081	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0011 (1)	0.0011	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.00301	0.00075	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000117	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	134	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	42	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ807						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	89	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00031	0.00031	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00204	0.00045	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00046	0.00046	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	0.00155	0.00061	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	0.00265	0.00094	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.00521	0.00060	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0134	0.00050	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.127	0.00041	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.00456	0.00044	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.00792	0.00042	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.00415	0.00040	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0222	0.00041	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	0.00146	0.00043	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0745	0.00038	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0015 (1)	0.0015	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0102	0.00055	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0250	0.0011	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0332	0.0013	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0050	0.0014	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.274	0.0011	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.0029	0.0012	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0194	0.0012	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.198	0.0010	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.586	0.0011	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00013	0.00013	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0293	0.00061	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0192	0.00084	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0614	0.00058	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.487	0.00058	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0160	0.00058	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.104	0.00090	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.273	0.00055	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.00475	0.00053	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00789	0.00060	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0136	0.00063	0.0099	0.000100	0.00000136	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00339	0.00048	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00062	0.00062	0.0099	0.000300	0.000000186	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0230	0.0012	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.839	0.0011	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0727	0.0012	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.179	0.00083	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.340	0.00090	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0778	0.0011	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.982	0.00088	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.206	0.0011	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0095	0.0011	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.355	0.0011	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00024	0.00024	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.0070	0.0010	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00022	0.00022	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.308	0.00063	0.0099	0.0000300	0.00000924	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0605	0.00049	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0218	0.00056	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.772	0.00086	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	0.00104	0.00075	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0174	0.00061	0.0099	0.0000300	0.000000522	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.970	0.00063	0.0099	0.0000300	0.0000291	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	0.00417	0.00065	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0107	0.00067	0.0099	0.0000300	0.000000321	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0013 (1)	0.0013	0.0099	0.100	0.000130	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.148	0.0010	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	1.25	0.0012	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0539	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	0.0070	0.0015	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.132	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0258	0.0013	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0320	0.0015	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.246	0.00068	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0354	0.00051	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0518	0.0011	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0161	0.0012	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0875	0.0012	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0217	0.00065	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.186	0.0011	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.513	0.0012	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	0.00148	0.00054	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	1.07	0.00096	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.0160	0.00056	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	0.00146	0.00053	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0959	0.0010	0.020	0.0000300	0.00000288	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0741	0.00082	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	0.00163	0.00097	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	0.00362	0.00091	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0360	0.00094	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	0.00120	0.00096	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0343	0.00094	0.0099	0.0000300	0.00000103	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.0099	0.0300	0.0000300	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0700	0.00070	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0291	0.0010	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	0.0134	0.00094	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0391	0.00088	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	0.00396	0.00062	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	0.00641	0.00049	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0471	0.00094	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0394	0.00066	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0352	0.00049	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.186	0.00072	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.0321	0.00093	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	0.00185	0.00047	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	0.0321	0.00097	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.199	0.00058	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	0.0038	0.0012	0.0099	0.0000300	0.000000114	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0145	0.00072	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	0.00302	0.00070	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	0.0189	0.0017	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	0.0060	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	0.00169	0.00080	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.0214	0.0011	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	0.00152	0.00097	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.0119	0.00098	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.0146	0.0011	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	0.0053	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000205	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	113	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	131	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	56	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	0.00086	0.00040	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	0.00146	0.00039	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00190	0.00038	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00039	0.00039	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	0.00149	0.00052	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	0.0029	0.0015	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.0047	0.0010	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0113	0.00083	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.114	0.00049	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.00410	0.00053	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.00796	0.00051	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.00425	0.00048	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0203	0.00050	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	0.00126	0.00070	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0684	0.00046	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0014 (1)	0.0014	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0102	0.00066	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0220	0.0011	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0302	0.0013	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0056	0.0014	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.246	0.0011	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.0030	0.0012	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0184	0.0012	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.173	0.0011	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	0.0013	0.0012	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.538	0.0011	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0269	0.00087	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0163	0.00084	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0557	0.00082	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.444	0.00082	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0157	0.00082	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0938	0.00090	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.248	0.00078	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.00437	0.00075	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00757	0.00085	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0115	0.00089	0.0099	0.000100	0.00000115	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00303	0.00068	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00088	0.00088	0.0099	0.000300	0.000000264	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0222	0.0013	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.732	0.0012	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0638	0.0013	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.155	0.00089	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.304	0.00097	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0706	0.0012	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.867	0.00094	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.181	0.0012	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0066	0.0012	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.307	0.0012	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00028	0.00028	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.0060	0.0011	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00027	0.00027	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.270	0.00087	0.0099	0.0000300	0.00000810	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0571	0.00067	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0204	0.00077	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.683	0.00092	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	0.00131	0.00081	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0157	0.00084	0.0099	0.0000300	0.000000471	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.898	0.00087	0.0099	0.0000300	0.0000269	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	0.00364	0.00090	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0105	0.00093	0.0099	0.0000300	0.000000315	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.00081	0.00081	0.0099	0.100	0.0000810	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.139	0.0013	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	1.15	0.0015	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0490	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	0.0060	0.0020	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.121	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0192	0.0017	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0189	0.0019	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.214	0.0013	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0294	0.00099	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0561	0.0015	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0129	0.0016	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0740	0.0015	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0179	0.0013	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.167	0.0015	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.462	0.0016	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.973	0.0012	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.0140	0.0011	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	0.0014	0.0010	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0893	0.00088	0.020	0.0000300	0.00000268	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0679	0.0011	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	0.00206	0.00084	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	0.00374	0.00079	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0276	0.0012	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0322	0.00082	0.0099	0.0000300	0.000000966	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.00087	0.00087	0.0099	0.0300	0.0000261	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0649	0.0013	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0233	0.0019	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	0.0116	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0343	0.0017	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	0.00585	0.00064	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0430	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0317	0.00085	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0310	0.00063	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.161	0.0014	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0258	0.0018	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	0.00170	0.00061	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	0.0281	0.0018	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.169	0.00076	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	0.0028	0.0010	0.0099	0.0000300	0.0000000840	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0150	0.0014	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027 (1)	0.0027	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	0.0063	0.0018	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	0.0117	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	0.00175	0.00091	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.0183	0.0013	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	0.0017	0.0011	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	0.00383	0.00099	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.0099	0.0011	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.0119	0.0012	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	0.0043	0.0015	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000148	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	122	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	129	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	107	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ809						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00221	0.00053	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00054	0.00054	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.00273	0.00076	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0275	0.00050	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.00289	0.00054	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	<0.0034 (1)	0.0034	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.00080 (1)	0.00080	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.00171	0.00050	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0190	0.00047	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	0.00197	0.00061	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.00562	0.00066	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0126	0.00097	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0087	0.0012	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0014	0.0012	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0436	0.00098	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.0019	0.0011	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0057	0.0010	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0333	0.00093	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0012 (1)	0.0012	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0903	0.00097	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0118	0.00087	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.00260	0.00074	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0162	0.00082	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.149	0.00082	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.00517	0.00082	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0274	0.00080	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.0912	0.00078	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.00111	0.00075	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.00127	0.00086	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.00496	0.00089	0.010	0.000100	0.000000496	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.00091	0.00068	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.00088	0.00088	0.010	0.000300	0.000000264	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0076	0.0012	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.159	0.0011	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0300	0.00079	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0965	0.00085	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0166	0.0010	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.229	0.00083	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0401	0.0011	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0024	0.0010	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0695	0.0010	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00017	0.00017	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.00130	0.00096	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00017	0.00017	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0812	0.00084	0.010	0.0000300	0.00000244	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0147	0.00065	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.00594	0.00074	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.200	0.00081	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.00514	0.00081	0.010	0.0000300	0.000000154	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.242	0.00085	0.010	0.0000300	0.00000726	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0011 (1)	0.0011	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.00219	0.00090	0.010	0.0000300	0.0000000657	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.00079	0.00079	0.010	0.100	0.0000790	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0338	0.0017	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.263	0.0019	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.0096 (1)	0.0096	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0344	0.0023	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0040	0.0022	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0065	0.0025	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0521	0.00082	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.00972	0.00062	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0126	0.0019	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0024 (1)	0.0024	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0243	0.0019	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00585	0.00079	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0427	0.0019	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.145	0.0020	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.209	0.0016	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.00279	0.00068	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0262	0.0011	0.020	0.0000300	0.000000786	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0184	0.0014	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0080	0.0016	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0092	0.0011	0.010	0.0000300	0.000000276	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0150	0.0015	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.0064 (1)	0.0064	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	0.0033	0.0020	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0112	0.0018	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0108	0.0020	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00870	0.00064	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.0087 (1)	0.0087	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0438	0.0015	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0089	0.0020	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	0.0064	0.0020	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0417	0.00056	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0039	0.0015	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	0.0039	0.0011	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.0061	0.0010	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.00238	0.00089	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	0.00435	0.00096	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000124	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	133	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	133	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ810						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00032	0.00032	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0015 (1)	0.0015	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.00360	0.00094	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0262	0.00082	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.00217	0.00091	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.00386	0.00091	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.00195	0.00088	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0212	0.00088	0.0099	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0048	0.0013	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0062	0.0013	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0060	0.0016	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0022	0.0020	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0426	0.0012	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0055	0.0013	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0217	0.0012	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0899	0.0014	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0121	0.0019	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.00262	0.00095	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0168	0.0019	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.143	0.0017	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0038	0.0017	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0206	0.0010	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.0855	0.0017	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0072	0.0025	0.0099	0.000100	0.000000720	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.0019	0.0015	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0099	0.000300	0.000000750	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0066	0.0018	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.227	0.0017	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0187	0.0018	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0424	0.0013	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0955	0.0014	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0148	0.0015	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.274	0.0014	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0385	0.0016	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0683	0.0016	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00021	0.00021	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00014	0.00014	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.103	0.0014	0.0099	0.0000300	0.00000309	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0181	0.0010	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0068	0.0011	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.234	0.0013	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0065	0.0014	0.0099	0.0000300	0.000000195	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.305	0.0014	0.0099	0.0000300	0.00000915	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	0.0014	0.0012	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0034	0.0015	0.0099	0.0000300	0.000000102	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0476	0.0026	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.299	0.0028	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0286	0.0031	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0044	0.0033	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.0040 (1)	0.0040	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0508	0.0020	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0087	0.0014	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0189	0.0036	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0220	0.0029	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0051	0.0020	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0480	0.0030	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.123	0.0027	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.269	0.0023	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.0029	0.0017	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0313	0.0020	0.020	0.0000300	0.000000939	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0212	0.0021	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0071	0.0019	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0094	0.0019	0.0099	0.0000300	0.000000282	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.0099	0.0300	0.0000600	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.016 (1)	0.016	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0046	0.0036	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0083	0.0030	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0119	0.0038	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0085	0.0031	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0092	0.0021	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0425	0.0025	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0087 (2)	0.0087	0.0099	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0509	0.0027	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0040	0.0026	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	0.0040	0.0023	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	0.0046	0.0039	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.0028	0.0026	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000215	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6059521

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ812						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	83	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	0.00112	0.00088	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	0.00440	0.00085	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	0.00159	0.00085	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	0.0032	0.0015	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.0120	0.0027	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0119	0.0020	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0757	0.0013	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0136	0.0015	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0148	0.0015	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.0069	0.0014	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0143	0.0014	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0716	0.0014	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	0.0085	0.0017	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0115	0.0021	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0403	0.0019	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0364	0.0023	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0040 (1)	0.0040	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.122	0.0018	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0040 (1)	0.0040	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0182	0.0019	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.121	0.0018	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0036 (1)	0.0036	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.341	0.0021	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0428	0.0022	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0098	0.0014	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0343	0.0022	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.356	0.0020	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0075	0.0019	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0726	0.0015	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.195	0.0020	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	0.0022	0.0018	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	0.0021	0.0018	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.0033	0.0018	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0118	0.0030	0.010	0.000100	0.00000118	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.0048	0.0018	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.010	0.000300	0.000000900	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0286	0.0036	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.390	0.0034	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0505	0.0035	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0817	0.0025	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.270	0.0027	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0476	0.0030	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.535	0.0027	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0953	0.0032	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0069 (1)	0.0069	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.241	0.0030	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.0032	0.0025	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.171	0.0026	0.010	0.0000300	0.00000513	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0295	0.0019	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0120	0.0021	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.563	0.0026	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0086	0.0026	0.010	0.0000300	0.000000258	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.538	0.0026	0.010	0.0000300	0.0000161	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	0.0032	0.0023	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0059	0.0028	0.010	0.0000300	0.000000177	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.010	0.100	0.000250	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0651	0.0027	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.405	0.0029	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0218	0.0036	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0836	0.0033	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0095	0.0034	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0975	0.0035	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0231	0.0024	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0254	0.0037	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0352	0.0031	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0103	0.0034	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0558	0.0031	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.196	0.0028	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.325	0.0024	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.0046	0.0029	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0407	0.0046	0.020	0.0000300	0.00000122	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0319	0.0022	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0145	0.0020	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0142	0.0045	0.010	0.0000300	0.000000426	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.010	0.0300	0.000141	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0222	0.0030	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0109	0.0037	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0140	0.0031	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	0.0037	0.0019	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0146	0.0039	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0094	0.0027	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0134	0.0019	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0486	0.0026	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0124	0.0060	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0553	0.0024	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0043 (1)	0.0043	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0070 (1)	0.0070	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000416	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ815						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	102	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0336	0.0015	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0031	0.0016	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0060	0.0016	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	<0.0040 (1)	0.0040	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0293	0.0016	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0085	0.0024	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0141	0.0038	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0138	0.0047	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0577	0.0037	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0083	0.0039	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0456	0.0035	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.139	0.0042	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0178	0.0032	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0051	0.0028	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0214	0.0032	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.205	0.0030	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0052	0.0029	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0353	0.0031	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.117	0.0030	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0067	0.0044	0.010	0.000100	0.000000670	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0044	0.0044	0.010	0.000300	0.00000132	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0123	0.0046	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.250	0.0043	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0321	0.0044	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0495	0.0033	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.149	0.0034	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0272	0.0039	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.361	0.0035	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0561	0.0041	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.111	0.0039	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.106	0.0035	0.010	0.0000300	0.00000318	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0187	0.0026	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0086	0.0028	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.314	0.0033	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0035	0.0035	0.010	0.0000300	0.000000105	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.296	0.0034	0.010	0.0000300	0.00000888	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0033	0.0033	0.010	0.100	0.000330	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.043	0.010	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.273	0.011	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.046	0.012	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0666	0.0092	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0163	0.0063	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.014	0.014	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.028	0.011	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.040	0.012	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.167	0.010	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.210	0.0090	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0247	0.0039	0.020	0.0000300	0.000000741	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0222	0.0082	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0115	0.0075	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0088	0.0038	0.010	0.0000300	0.000000264	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.010	0.0300	0.000117	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0122	0.0049	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0071	0.0051	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0080 (1)	0.0080	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0113	0.0037	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0273	0.0043	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	<0.032 (1)	0.032	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0031	0.0031	0.010	0.0000300	0.0000000930	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000462	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	74	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ818						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0062 (1)	0.0062	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0631	0.0015	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0031	0.0017	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0067	0.0017	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.0020	0.0016	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0041	0.0016	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0442	0.0016	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0251	0.0025	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0079	0.0033	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0203	0.0041	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.113	0.0032	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0080	0.0033	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0801	0.0030	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.277	0.0036	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0204	0.0038	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0086	0.0024	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0408	0.0038	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.362	0.0035	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0109	0.0034	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0603	0.0027	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.210	0.0035	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.010 (1)	0.010	0.010	0.000100	0.00000100	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.010	0.000300	0.00000156	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0140	0.0060	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.583	0.0057	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0418	0.0058	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0983	0.0043	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.276	0.0045	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0445	0.0051	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.790	0.0046	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.126	0.0054	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0051	0.0051	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.228	0.0051	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.269	0.0040	0.010	0.0000300	0.00000807	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0494	0.0030	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0161	0.0032	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.627	0.0044	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0151	0.0040	0.010	0.0000300	0.000000453	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.855	0.0040	0.010	0.0000300	0.0000257	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0083	0.0043	0.010	0.0000300	0.000000249	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0039	0.0039	0.010	0.100	0.000390	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.118	0.0092	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.921	0.010	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.045	0.012	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.102	0.011	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.016	0.012	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.199	0.0091	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0248	0.0063	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.048	0.013	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.076	0.010	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.018 (1)	0.018	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.157	0.011	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.407	0.0095	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.849	0.0083	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0842	0.0069	0.020	0.0000300	0.00000253	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0507	0.0076	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0216	0.0069	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	<0.029 (1)	0.029	0.010	0.0000300	0.000000870	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0069	0.0069	0.010	0.0300	0.000207	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0618	0.0061	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0248	0.0077	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	0.0098	0.0073	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0201	0.0065	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0399	0.0080	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0282	0.0062	0.010	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0362	0.0043	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.140	0.0054	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.032	0.012	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.177	0.0054	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0093	0.0093	0.010	0.0000300	0.000000279	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0121	0.0056	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	0.0190	0.0088	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.024 (2)	0.024	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000638	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	79	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ820						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	102	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0552	0.0011	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0044	0.0012	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	<0.0068 (1)	0.0068	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0035	0.0011	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0393	0.0011	0.0099	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0150	0.0020	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0110	0.0043	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0094	0.0052	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0462	0.0039	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0072 (1)	0.0072	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0551	0.0038	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.186	0.0042	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0242	0.0037	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0040	0.0031	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0416	0.0035	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.322	0.0035	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0104	0.0033	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0249	0.0034	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.245	0.0035	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0125	0.0051	0.0099	0.000100	0.00000125	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.0099	0.000300	0.00000153	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.129	0.0071	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0244	0.0083	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	<0.032 (1)	0.032	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.160	0.0058	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0176	0.0073	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.384	0.0058	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0623	0.0071	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0072	0.0072	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.115	0.0072	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.151	0.0038	0.0099	0.0000300	0.00000453	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0233	0.0027	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0105	0.0030	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.315	0.0056	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0096	0.0038	0.0099	0.0000300	0.000000288	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.431	0.0037	0.0099	0.0000300	0.0000129	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0054	0.0041	0.0099	0.0000300	0.000000162	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0037	0.0037	0.0099	0.100	0.000370	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.058	0.011	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.387	0.012	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.019	0.014	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	<0.043 (1)	0.043	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0941	0.0027	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0165	0.0019	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.022	0.014	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.036	0.012	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0089	0.0028	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.046	0.010	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.271	0.011	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.280	0.0093	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0039 (1)	0.0039	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0356	0.0048	0.020	0.0000300	0.00000107	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	<0.022 (1)	0.022	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0149	0.0081	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0138	0.0047	0.0099	0.0000300	0.000000414	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0049	0.0049	0.0099	0.0300	0.000147	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.017 (1)	0.017	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.043	0.011	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0556	0.0079	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0063	0.0063	0.0099	0.0000300	0.000000189	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000539	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	175 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	187 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	129	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	124	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	55	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	122	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	59	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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BV Labs ID		IQZ822						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	101	N/A	N/A	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0082	0.0031	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0824	0.0015	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0087	0.0017	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0121	0.0017	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.0030	0.0016	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0082	0.0016	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0680	0.0016	0.0099	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6059521

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0162	0.0028	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0377	0.0057	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0412	0.0071	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0087 (1)	0.0087	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.232	0.0053	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0253	0.0056	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.157	0.0051	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.528	0.0057	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0606	0.0036	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	0.0121	0.0035	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0169	0.0042	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0615	0.0034	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.714	0.0034	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0192	0.0033	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.127	0.0046	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.406	0.0034	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.0069	0.0034	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0199	0.0050	0.0099	0.000100	0.00000199	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0080 (1)	0.0080	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0049	0.0049	0.0099	0.000300	0.00000147	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0257	0.0037	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.774	0.0031	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0889	0.0036	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.146	0.0024	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.407	0.0025	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0872	0.0032	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	1.06	0.0025	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.182	0.0031	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0106	0.0032	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.383	0.0032	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.0067	0.0028	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.375	0.0037	0.0099	0.0000300	0.0000113	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0699	0.0026	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0291	0.0029	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.942	0.0025	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0219	0.0037	0.0099	0.0000300	0.000000657	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	1.10	0.0036	0.0099	0.0000300	0.0000330	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0111	0.0039	0.0099	0.0000300	0.000000333	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0035	0.0035	0.0099	0.100	0.000350	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	<0.14 (1)	0.14	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	1.18	0.0040	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0597	0.0048	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	0.0114	0.0049	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.183	0.0047	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0369	0.0051	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.259	0.0045	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0486	0.0031	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0575	0.0048	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0092 (1)	0.0092	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.106	0.0041	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0253	0.0046	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.164	0.0034	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.744	0.0038	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.867	0.0031	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	0.0133	0.0038	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.109	0.0072	0.020	0.0000300	0.00000327	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0846	0.0028	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0387	0.0027	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0407	0.0069	0.0099	0.0000300	0.00000122	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0072	0.0072	0.0099	0.0300	0.000216	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0679	0.0069	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0265	0.0084	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0087 (1)	0.0087	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.047 (1)	0.047	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0094 (1)	0.0094	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0485	0.0087	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0294	0.0028	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.036 (1)	0.036	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.143	0.0062	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0454	0.0063	0.0099	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.186	0.0025	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0074	0.0074	0.0099	0.0000300	0.000000222	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0122	0.0064	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	0.0091	0.0078	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000619	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	175 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	179 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	160 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	56	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	132	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	74	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ824						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	108	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0051	0.0051	0.0098	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0051	0.0051	0.0098	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0056	0.0056	0.0098	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0086	0.0086	0.0098	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0063	0.0063	0.0098	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0062 (1)	0.0062	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0052	0.0052	0.0098	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0305	0.0023	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0053	0.0025	0.0098	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0023 (1)	0.0023	0.0098	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0077	0.0023	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0295	0.0023	0.0098	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	<0.0044 (1)	0.0044	0.0098	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0173	0.0070	0.029	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0268	0.0086	0.0098	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.0098	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.138	0.0064	0.029	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0082	0.0082	0.0098	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0068	0.0068	0.0098	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0904	0.0062	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.309	0.0069	0.0098	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0279	0.0024	0.0098	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0066 (1)	0.0066	0.0098	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0061 (1)	0.0061	0.029	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0196	0.0022	0.0098	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.268	0.0023	0.039	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	<0.0065 (1)	0.0065	0.0098	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0597	0.0056	0.0098	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.129	0.0022	0.0098	N/A	N/A	N/A	6059521

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0028 (1)	0.0028	0.0098	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0040 (1)	0.0040	0.0098	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0071 (1)	0.0071	0.0098	0.000100	0.000000710	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0027 (1)	0.0027	0.0098	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0033	0.0033	0.0098	0.000300	0.000000990	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.017 (1)	0.017	0.0098	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.272	0.0039	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0602	0.0045	0.0098	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0514	0.0030	0.029	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.183	0.0032	0.059	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0446	0.0040	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.0098	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.396	0.0032	0.029	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0825	0.0039	0.0098	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0040	0.0040	0.039	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.239	0.0040	0.0098	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.124	0.0039	0.0098	0.0000300	0.00000372	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0253	0.0028	0.0098	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.417	0.0031	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0073 (1)	0.0073	0.0098	0.0000300	0.000000219	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.366	0.0038	0.0098	0.0000300	0.0000110	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0043	0.0042	0.0098	0.0000300	0.000000129	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0037	0.0037	0.0098	0.100	0.000370	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0485	0.0088	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.336	0.0098	0.029	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.014 (1)	0.014	0.0098	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.0098	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	<0.071 (1)	0.071	0.0098	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.017	0.012	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0918	0.0068	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0183	0.0047	0.0098	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.014 (1)	0.014	0.0098	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.037	0.010	0.0098	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0115	0.0070	0.0098	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0467	0.0085	0.0098	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	<0.21 (1)	0.21	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0066	0.0066	0.0098	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.243	0.0078	0.0098	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0058	0.0058	0.0098	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0308	0.0045	0.020	0.0000300	0.000000924	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0252	0.0070	0.0098	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0080	0.0080	0.0098	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0084	0.0084	0.0098	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0167	0.0067	0.0098	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0080	0.0080	0.0098	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0099	0.0044	0.0098	0.0000300	0.000000297	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0045	0.0045	0.0098	0.0300	0.000135	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0178	0.0098	0.0098	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.0098	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.015 (1)	0.015	0.0098	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.016	0.012	0.0098	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	<0.0067 (1)	0.0067	0.0098	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0123	0.0032	0.0098	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0405	0.0088	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.0138	0.0090	0.0098	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.0098	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0454	0.0042	0.0098	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0043	0.0043	0.0098	0.0000300	0.000000129	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0091	0.0091	0.0098	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0087	0.0087	0.0098	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0092	0.0092	0.0098	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0095	0.0095	0.0098	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0077	0.0077	0.0098	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0064	0.0064	0.0098	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0070	0.0070	0.0098	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0085	0.0085	0.0098	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.0098	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.017	0.017	0.0098	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.0098	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.018	0.018	0.0098	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.012	0.012	0.0098	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000523	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	160 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	182 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	131	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	154 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	49	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	78	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	133	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ826						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	106	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0288	0.0014	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0062	0.0016	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0073	0.0016	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0019	0.0015	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0257	0.0015	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0081	0.0026	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	<0.0078 (1)	0.0078	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	<0.0064 (1)	0.0064	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0223	0.0034	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0117	0.0033	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0315	0.0036	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0064	0.0033	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0027	0.0027	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	<0.0093 (1)	0.0093	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0615	0.0031	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0130	0.0030	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0394	0.0031	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0046	0.0046	0.010	0.000100	0.000000460	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.010	0.000300	0.00000135	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.0412	0.0037	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0075	0.0029	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0182	0.0030	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.0370	0.0030	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0075	0.0037	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0168	0.0034	0.010	0.0000300	0.000000504	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0029	0.0024	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.0281	0.0029	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	<0.042 (1)	0.042	0.010	0.0000300	0.00000126	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0033	0.0033	0.010	0.100	0.000330	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.066	0.016	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.034	0.015	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.065	0.012	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	<0.0064	0.0064	0.020	0.0000300	0.000000192	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	<0.0062	0.0062	0.010	0.0000300	0.000000186	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0064	0.0064	0.010	0.0300	0.000192	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.0089	0.0089	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0067	0.0067	0.010	0.0000300	0.000000201	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000526	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	128 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	184 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	203 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	183 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	65	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6059521

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ828						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	128	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	77	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	109	N/A	N/A	N/A	N/A	N/A	6059521

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0164	0.0022	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0103	0.0023	0.010	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0056	0.0041	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0259	0.0060	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0112	0.0057	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	<0.050 (1)	0.050	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0047	0.0047	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	<0.0077 (1)	0.0077	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0761	0.0050	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	<0.0090 (1)	0.0090	0.010	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0453	0.0050	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0073	0.0073	0.010	0.000100	0.000000730	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0072	0.0072	0.010	0.000300	0.00000216	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.0646	0.0032	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0080	0.0037	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0152	0.0025	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0408	0.0026	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0054	0.0033	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.0919	0.0026	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0202	0.0032	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0433	0.0033	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0381	0.0057	0.010	0.0000300	0.00000114	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0045 (1)	0.0045	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.0907	0.0025	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0057	0.0057	0.010	0.0000300	0.000000171	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.114	0.0056	0.010	0.0000300	0.00000342	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0061	0.0061	0.010	0.0000300	0.000000183	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0055	0.0055	0.010	0.100	0.000550	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.139	0.015	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0420	0.0088	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.086	0.014	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.110	0.011	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	<0.0072	0.0072	0.020	0.0000300	0.000000216	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	<0.0069	0.0069	0.010	0.0000300	0.000000207	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0072	0.0072	0.010	0.0300	0.000216	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6059521

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	<0.013 (1)	0.013	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0223	0.0075	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0063	0.0063	0.010	0.0000300	0.000000189	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000774	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	124	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	179 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	178 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	139	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	139	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	75	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	113	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	118	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	76	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ830						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	72	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	113	N/A	N/A	N/A	N/A	N/A	6059521

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	<0.0051 (1)	0.0051	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0050	0.0012	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	<0.0035	0.0035	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0084	0.0032	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0051	0.0031	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0215	0.0034	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0025	0.0025	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	<0.0035 (1)	0.0035	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0243	0.0029	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.0140	0.0029	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0043	0.0043	0.010	0.000100	0.000000430	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0042	0.0042	0.010	0.000300	0.00000126	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	<0.0040	0.0040	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0136	0.0042	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.0335	0.0042	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0073	0.0051	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0052	0.0052	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0145	0.0052	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	<0.011 (1)	0.011	0.010	0.0000300	0.000000330	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	<0.024 (1)	0.024	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0041	0.0041	0.010	0.0000300	0.000000123	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.0355	0.0041	0.010	0.0000300	0.00000107	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0044	0.0044	0.010	0.0000300	0.000000132	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0040	0.0040	0.010	0.100	0.000400	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.051	0.017	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	<0.027 (1)	0.027	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.044	0.013	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	<0.0068	0.0068	0.020	0.0000300	0.000000204	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	<0.0065	0.0065	0.010	0.0000300	0.000000195	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0068	0.0068	0.010	0.0300	0.000204	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.0099	0.0099	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0127	0.0066	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0090	0.0090	0.010	0.0000300	0.000000270	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0083	0.0083	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000608	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	171 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	184 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	184 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	128	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	75	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	106	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6059521

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ833						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	74	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	123	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6059521

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.0135	0.0036	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0122	0.0030	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0574	0.0016	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0076	0.0017	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0120	0.0017	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.0072	0.0016	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0119	0.0016	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0482	0.0016	0.010	N/A	N/A	N/A	6059521

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0083	0.0024	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0078	0.0029	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0371	0.0026	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0353	0.0032	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.140	0.0024	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0145	0.0025	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0996	0.0023	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.281	0.0025	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0316	0.0039	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	0.0068	0.0038	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0119	0.0019	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0247	0.0037	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.272	0.0037	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0078	0.0036	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0659	0.0021	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.141	0.0037	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0083	0.0054	0.010	0.000100	0.000000830	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0054	0.0054	0.010	0.000300	0.00000162	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0194	0.0062	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.322	0.0052	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0390	0.0061	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0673	0.0041	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.178	0.0043	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0392	0.0054	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.451	0.0043	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0876	0.0052	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.186	0.0053	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.159	0.0054	0.010	0.0000300	0.00000477	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	0.0307	0.0038	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0118	0.0042	0.020	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.437	0.0041	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0087 (1)	0.0087	0.010	0.0000300	0.000000261	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.496	0.0053	0.010	0.0000300	0.0000149	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0060	0.0057	0.010	0.0000300	0.000000180	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0051	0.0051	0.010	0.100	0.000510	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.0634	0.0029	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.500	0.0032	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.023 (1)	0.023	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0843	0.0038	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.0048 (1)	0.0048	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.012 (1)	0.012	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.109	0.0023	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0217	0.0016	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.024 (1)	0.024	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0047	0.0032	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	<0.045 (1)	0.045	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0120	0.0024	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0592	0.0027	0.010	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.265	0.0031	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.386	0.0025	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0491	0.0056	0.020	0.0000300	0.00000147	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0380	0.0023	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0174	0.0022	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0173	0.0054	0.010	0.0000300	0.000000519	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0056	0.0056	0.010	0.0300	0.000168	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0274	0.0060	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0106	0.0073	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0234	0.0067	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0035 (1)	0.0035	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0127	0.0040	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	0.0139	0.0026	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0647	0.0054	0.020	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0201	0.0055	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0611	0.0035	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000703	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	119	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	126	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	133	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ862						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	111	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0255	0.0020	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0030	0.0022	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.016 (1)	0.016	0.0099	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0090	0.0037	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	<0.0085 (1)	0.0085	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0079	0.0067	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0561	0.0051	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0307	0.0049	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.112	0.0054	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0101	0.0056	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0040	0.0040	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0182	0.0053	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.167	0.0054	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0063	0.0051	0.0099	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.027 (1)	0.027	0.0099	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.110	0.0053	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0078	0.0078	0.0099	0.000100	0.000000780	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0078	0.0078	0.0099	0.000300	0.00000234	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.160	0.0057	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0202	0.0067	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0328	0.0044	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0794	0.0047	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.210	0.0047	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0427	0.0057	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0058	0.0058	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0755	0.0058	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0905	0.0081	0.0099	0.0000300	0.00000272	N/A	6059521

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.209	0.0045	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0081	0.0081	0.0099	0.0000300	0.000000243	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.233	0.0080	0.0099	0.0000300	0.00000699	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0087	0.0087	0.0099	0.0000300	0.000000261	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0078	0.0078	0.0099	0.100	0.000780	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.031	0.011	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.267	0.013	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.045	0.015	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0649	0.0025	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.0078 (1)	0.0078	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.020	0.013	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0063 (1)	0.0063	0.0099	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.039	0.011	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.153	0.012	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.211	0.0099	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0230	0.0039	0.020	0.0000300	0.000000690	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0211	0.0090	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0097	0.0086	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0109	0.0037	0.0099	0.0000300	0.000000327	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.0099	0.0300	0.000117	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.012	0.012	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0110	0.0044	0.0099	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.0088 (1)	0.0088	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0324	0.0088	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	<0.043 (1)	0.043	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0069	0.0069	0.0099	0.0000300	0.000000207	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000912	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	177 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	127	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	184 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	116	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	45	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ865						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	49	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	0.0132	0.0051	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	0.0122	0.0029	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	0.0229	0.0024	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0875	0.0018	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	0.0135	0.0019	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0164	0.0019	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	0.0068	0.0018	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0116	0.0018	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	0.0023	0.0021	0.010	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0821	0.0018	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0259	0.0033	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0708	0.0015	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0524	0.0018	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	0.0146	0.0021	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.196	0.0013	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	0.0122	0.0014	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.032 (1)	0.032	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.182	0.0013	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	0.0102	0.0014	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.415	0.0014	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0641	0.0036	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0084 (1)	0.0084	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	0.0158	0.0011	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0561	0.0034	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.585	0.0034	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0163	0.0033	0.010	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0795	0.0012	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.409	0.0034	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	0.0052	0.0034	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0259	0.0050	0.010	0.000100	0.00000259	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.0079	0.0029	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0050	0.0050	0.010	0.000300	0.00000150	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0249	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.234	0.0036	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0629	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0645	0.0028	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.330	0.0029	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0456	0.0037	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.867	0.0029	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.135	0.0036	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0064 (1)	0.0064	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.264	0.0037	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	0.0045	0.0033	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.308	0.0059	0.010	0.0000300	0.00000924	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0498	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0224	0.0046	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.714	0.0028	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	0.0188	0.0059	0.010	0.0000300	0.000000564	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.942	0.0058	0.010	0.0000300	0.0000283	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	0.0110	0.0063	0.010	0.0000300	0.000000330	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0056	0.0056	0.010	0.100	0.000560	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.115	0.0020	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.798	0.0023	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0445	0.0027	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0064 (1)	0.0064	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.0936	0.0027	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0126	0.0025	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.195	0.0025	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	0.0343	0.0017	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0529	0.0028	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0698	0.0024	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.102	0.0020	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.547	0.0022	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.602	0.0018	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0812	0.0042	0.020	0.0000300	0.00000244	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0581	0.0016	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	<0.021 (1)	0.021	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0301	0.0041	0.010	0.0000300	0.000000903	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0042	0.0042	0.010	0.0300	0.000126	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0364	0.0066	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0184	0.0080	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	0.0362	0.0073	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	0.0079	0.0021	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0358	0.0083	0.010	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0195	0.0031	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0336	0.0021	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.0856	0.0059	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0294	0.0060	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.114	0.0027	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0086	0.0086	0.010	0.0000300	0.000000258	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	0.0089	0.0061	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000732	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	130	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	120	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	52	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	123	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	108	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	111	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	77	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ867						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C06-MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	125	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	106	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0074	0.0074	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	0.0350	0.0012	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	0.0045	0.0013	0.0099	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	0.0031	0.0012	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6059521
24'5-TriCB-(31)	ng/g	0.0296	0.0012	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	0.0068	0.0022	0.0099	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	0.0122	0.0040	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	<0.019 (1)	0.019	0.0099	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.136	0.0037	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	0.0071	0.0039	0.0099	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0736	0.0036	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.323	0.0040	0.0099	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	0.0151	0.0035	0.0099	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0059 (1)	0.0059	0.0099	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0070 (1)	0.0070	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0279	0.0033	0.0099	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.286	0.0034	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	0.0102	0.0032	0.0099	N/A	N/A	N/A	6059521
234'6-TetraCB-(64)	ng/g	0.0517	0.0032	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.155	0.0034	0.0099	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0041 (1)	0.0041	0.0099	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	0.0123	0.0049	0.0099	0.000100	0.00000123	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	0.0046	0.0028	0.0099	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0049	0.0049	0.0099	0.000300	0.00000147	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	0.0153	0.0060	0.0099	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	0.538	0.0051	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0350	0.0059	0.0099	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.101	0.0039	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.242	0.0041	0.059	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0382	0.0052	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.748	0.0041	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.140	0.0051	0.0099	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0052	0.0052	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.231	0.0052	0.0099	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.255	0.0064	0.0099	0.0000300	0.00000765	N/A	6059521
233'45-PentaCB-(106)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0527	0.0046	0.0099	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	0.0207	0.0051	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.566	0.0040	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.014 (1)	0.014	0.0099	0.0000300	0.000000420	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.799	0.0063	0.0099	0.0000300	0.0000240	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0092 (1)	0.0092	0.0099	0.0000300	0.000000276	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0062	0.0062	0.0099	0.100	0.000620	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	0.132	0.0035	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	1.06	0.0039	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	0.0535	0.0047	0.0099	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.111	0.0046	0.0099	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	0.0231	0.0043	0.0099	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	0.0278	0.0050	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.238	0.0061	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	0.0406	0.0047	0.0099	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	0.0079	0.0038	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0746	0.0040	0.0099	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6059521
22'345'6-HexaCB-(144)	ng/g	0.0250	0.0063	0.0099	N/A	N/A	N/A	6059521

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.180	0.0033	0.0099	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.533	0.0037	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	1.03	0.0031	0.0099	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0900	0.0062	0.020	0.0000300	0.00000270	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0607	0.0028	0.0099	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	0.0368	0.0027	0.0099	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	0.0333	0.0060	0.0099	0.0000300	0.000000999	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0063	0.0063	0.0099	0.0300	0.000189	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	0.0574	0.0077	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	0.0191	0.0094	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.029 (1)	0.029	0.0099	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0450	0.0097	0.0099	N/A	N/A	N/A	6059521
22'33'55'6-HeptaCB-(178)	ng/g	0.0407	0.0090	0.0099	N/A	N/A	N/A	6059521

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0340	0.0059	0.0099	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	0.138	0.0069	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	0.0483	0.0071	0.0099	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.195	0.0079	0.0099	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0086	0.0086	0.0099	0.0000300	0.000000258	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6059521
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000848	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	186 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	132	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ869						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	129	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6059521
22'-DiCB-(4)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
2,3-DiCB-(5)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
2,4-DiCB-(7)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
2,4'-DiCB-(8)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6059521
2,5-DiCB-(9)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
2,6-DiCB-(10)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
3,3'-DiCB-(11)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6059521
DiCB-(12)+(13)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6059521
3,5-DiCB-(14)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'3-TriCB-(16)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6059521
22'4-TriCB-(17)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
TriCB-(18)+(30)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6059521
22'6-TriCB-(19)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
TriCB-(20) + (28)	ng/g	<0.013 (1)	0.013	0.020	N/A	N/A	N/A	6059521
TriCB-(21)+(33)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6059521
234'-TriCB-(22)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6059521
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6059521
236-TriCB-(24)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6059521
23'4-TriCB-(25)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
TriCB-(26)+(29)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6059521
23'6-TriCB-(27)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0112	0.0018	0.010	N/A	N/A	N/A	6059521
24'6-TriCB-(32)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6059521
344'-TriCB-(37)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6059521
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6059521
TetraCB-(40)+(41)+(71)	ng/g	<0.0051 (1)	0.0051	0.030	N/A	N/A	N/A	6059521
22'34'-TetraCB-(42)	ng/g	0.0068	0.0051	0.010	N/A	N/A	N/A	6059521
22'35-TetraCB-(43)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
TetraCB-(44)+(47)+(65)	ng/g	0.0308	0.0038	0.030	N/A	N/A	N/A	6059521
TetraCB-(45)+(51)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6059521
22'36'-TetraCB-(46)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
22'45-TetraCB-(48)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6059521
TetraCB-(49)+TetraCB-(69)	ng/g	0.0205	0.0037	0.020	N/A	N/A	N/A	6059521
TetraCB-(50)+(53)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6059521
22'55'-TetraCB-(52)	ng/g	0.0572	0.0041	0.010	N/A	N/A	N/A	6059521
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6059521
233'4-TetraCB-(55)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6059521
233'4'-Tetra CB(56)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
233'5'-TetraCB-(58)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6059521
TetraCB-(59)+(62)+(75)	ng/g	<0.0030	0.0030	0.030	N/A	N/A	N/A	6059521
2344'-TetraCB -(60)	ng/g	0.0076	0.0047	0.010	N/A	N/A	N/A	6059521
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0706	0.0047	0.040	N/A	N/A	N/A	6059521
234'5-TetraCB-(63)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0154	0.0033	0.010	N/A	N/A	N/A	6059521
23'44'-TetraCB-(66)	ng/g	0.0408	0.0047	0.010	N/A	N/A	N/A	6059521
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
23'45'-TetraCB-(68)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
23'55'-TetraCB-(72)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6059521
23'5'6-TetraCB-(73)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
33'44'-TetraCB-(77)	ng/g	<0.0069	0.0069	0.010	0.000100	0.000000690	N/A	6059521
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6059521
33'45'-TetraCB(79)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
33'55'-TetraCB-(80)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6059521
344'5-TetraCB-(81)	ng/g	<0.0068	0.0068	0.010	0.000300	0.00000204	N/A	6059521
22'33'4-PentaCB-(82)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
PentaCB-(83)+(99)	ng/g	<0.0038 (1)	0.0038	0.020	N/A	N/A	N/A	6059521
22'33'6-PentaCB-(84)	ng/g	0.0103	0.0044	0.010	N/A	N/A	N/A	6059521
PentaCB-(85)+(116)+(117)	ng/g	0.0171	0.0029	0.030	N/A	N/A	N/A	6059521
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0031 (1)	0.0031	0.060	N/A	N/A	N/A	6059521
PentaCB-(88)+(91)	ng/g	0.0089	0.0039	0.020	N/A	N/A	N/A	6059521
22'346'-PentaCB-(89)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
PentaCB-(90)+(101)+(113)	ng/g	0.108	0.0031	0.030	N/A	N/A	N/A	6059521
22'355'-PentaCB-(92)	ng/g	0.0214	0.0038	0.010	N/A	N/A	N/A	6059521
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6059521
22'356'-PentaCB-(94)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
22'35'6-PentaCB-(95)	ng/g	0.0422	0.0038	0.010	N/A	N/A	N/A	6059521
22'366'-PentaCB-(96)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6059521
22'45'6-PentaCB-(103)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6059521
22'466'-PentaCB-(104)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
233'44'-PentaCB-(105)	ng/g	0.0422	0.0047	0.010	0.0000300	0.00000127	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6059521
233'4'5-PentaCB-(107)	ng/g	<0.0072 (1)	0.0072	0.010	N/A	N/A	N/A	6059521
PentaCB-(108)+(124)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6059521
PentaCB-(110)+(115)	ng/g	0.104	0.0030	0.020	N/A	N/A	N/A	6059521
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6059521
2344'5-PentaCB-(114)	ng/g	<0.0047	0.0047	0.010	0.0000300	0.000000141	N/A	6059521
23'44'5-PentaCB-(118)	ng/g	0.115	0.0046	0.010	0.0000300	0.00000345	N/A	6059521
23'455'-PentaCB-(120)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
233'4'5'-PentaCB-(122)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
23'44'5'-PentaCB-(123)	ng/g	<0.0050	0.0050	0.010	0.0000300	0.000000150	N/A	6059521
33'44'5-PentaCB-(126)	ng/g	<0.0045	0.0045	0.010	0.100	0.000450	N/A	6059521
33'455'-PentaCB-(127)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6059521
HexaCB-(128)+(166)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6059521
HexaCB-(129)+(138)+(163)	ng/g	0.162	0.0096	0.030	N/A	N/A	N/A	6059521
22'33'45'-HexaCB-(130)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
22'33'46'-HexaCB-(132)	ng/g	0.022	0.011	0.010	N/A	N/A	N/A	6059521
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6059521
HexaCB-(135)+(151)	ng/g	0.0399	0.0031	0.020	N/A	N/A	N/A	6059521
22'33'66'-HexaCB-(136)	ng/g	<0.0060 (1)	0.0060	0.010	N/A	N/A	N/A	6059521
22'344'5-HexaCB-(137)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521
HexaCB-(139)+(140)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6059521
22'3455'-HexaCB-(141)	ng/g	0.0100	0.0099	0.010	N/A	N/A	N/A	6059521
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6059521
22'3466'-HexaCB-(145)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6059521
22'34'55'-HexaCB-(146)	ng/g	0.0232	0.0083	0.010	N/A	N/A	N/A	6059521
HexaCB-(147)+(149)	ng/g	0.0870	0.0092	0.020	N/A	N/A	N/A	6059521
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
HexaCB-(153)+(168)	ng/g	0.141	0.0076	0.010	N/A	N/A	N/A	6059521
22'44'56'-HexaCB-(154)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6059521
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6059521
HexaCB-(156)+(157)	ng/g	0.0124	0.0025	0.020	0.0000300	0.000000372	N/A	6059521
233'44'6-HexaCB-(158)	ng/g	0.0084	0.0069	0.010	N/A	N/A	N/A	6059521
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6059521
233'456-HexaCB-(160)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
233'45'6-HexaCB-(161)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6059521
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6059521
233'4'5'6-HexaCB-(164)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
233'55'6-HexaCB-(165)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
23'44'55'-HexaCB-(167)	ng/g	<0.0047 (1)	0.0047	0.010	0.0000300	0.000000141	N/A	6059521
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750	N/A	6059521
22'33'44'5-HeptaCB-(170)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6059521
HeptaCB-(171)+(173)	ng/g	<0.0074	0.0074	0.020	N/A	N/A	N/A	6059521
22'33'455'-HeptaCB-(172)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6059521
22'33'456'-HeptaCB-(174)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6059521
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6059521
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
22'33'45'6'-HeptaCB-(177)	ng/g	0.0078	0.0076	0.010	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6059521
22'33'566'-HeptaCB-(179)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6059521
HeptaCB-(180)+(193)	ng/g	<0.017 (1)	0.017	0.020	N/A	N/A	N/A	6059521
22'344'56-HeptaCB-(181)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6059521
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6059521
22'344'5'6-HeptaCB-(183)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6059521
22'3455'6-HeptaCB-(185)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6059521
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6059521
22'34'55'6-HeptaCB-(187)	ng/g	0.0288	0.0039	0.010	N/A	N/A	N/A	6059521
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6059521
233'44'55'-HeptaCB-(189)	ng/g	<0.0038	0.0038	0.010	0.0000300	0.000000114	N/A	6059521
233'44'56-HeptaCB-(190)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
233'44'5'6-HeptaCB-(191)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6059521
22'33'44'55'-OctaCB-(194)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6059521
22'33'44'56-OctaCB-(195)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6059521
22'33'44'56'-OctaCB-(196)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6059521
22'33'44'66'OctaCB-(197)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6059521
OctaCB-(198)+(199)	ng/g	<0.0096	0.0096	0.020	N/A	N/A	N/A	6059521
22'33'4566'-OctaCB-(200)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6059521
22'33'45'66'-OctaCB-(201)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6059521
22'33'55'66'-OctaCB-(202)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6059521
22'344'55'6-OctaCB-(203)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6059521
22'344'566'-OctaCB-(204)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6059521
233'44'55'6-OctaCB-(205)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6059521
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6059521

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6059521
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6059521
DecaCB-(209)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6059521
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000533	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	109	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'455'66'-NonaCB-(208)	%	114	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'66'-OctaCB-(202)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'344'55'-HeptaCB-(180)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'466'-PentaCB-(104)	%	117	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'66'-TetraCB-(54)	%	99	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6059521
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'55'-HeptaCB-(189)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6059521
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'55'-HexaCB-(167)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6059521
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6059521
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6059521
C13-2-MonoCB-(1)	%	51	N/A	N/A	N/A	N/A	N/A	6059521

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ871						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6059521
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6059521
C13-344'-TriCB-(37)	%	123	N/A	N/A	N/A	N/A	N/A	6059521
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6059521
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6059521
C13-DecaCB-(209)	%	81	N/A	N/A	N/A	N/A	N/A	6059521
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6059521

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0023 (1)	0.0023	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.00049	0.00049	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0029	0.0011	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0189	0.00069	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00214	0.00073	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00297	0.00074	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00101	0.00067	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00257	0.00069	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0134	0.00068	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0038	0.0010	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0058	0.0013	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0074	0.0017	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0339	0.0012	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0024	0.0013	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0192	0.0012	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0631	0.0012	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.00938	0.00076	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00229	0.00096	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0113	0.00074	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.104	0.00073	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00271	0.00068	0.010	N/A	N/A	N/A	6071630
234'6-TetraCB-(64)	ng/g	0.0127	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0531	0.00071	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.00125	0.00065	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	0.00098	0.00070	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00239	0.00087	0.010	0.000100	0.000000239	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00115	0.00064	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00086	0.00086	0.010	0.000300	0.000000258	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0054	0.0012	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0930	0.0011	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0107	0.0011	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0208	0.00083	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0593	0.00091	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0090	0.0010	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.133	0.00088	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0299	0.0011	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0558	0.00097	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0464	0.00096	0.010	0.0000300	0.00000139	N/A	6071630
233'45-PentaCB-(106)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00939	0.00074	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0031 (1)	0.0031	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.118	0.00087	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00274	0.00093	0.010	0.0000300	0.0000000822	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.136	0.00097	0.010	0.0000300	0.00000408	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0027	0.0010	0.010	0.0000300	0.0000000810	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00090	0.00090	0.010	0.100	0.0000900	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0260	0.0013	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.163	0.0014	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0079	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0201	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0026	0.0016	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0359	0.00079	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00743	0.00058	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0072	0.0016	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0102	0.0014	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.00415	0.00079	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0241	0.0013	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0661	0.0014	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.151	0.0012	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0139	0.0012	0.020	0.0000300	0.000000417	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0112	0.0010	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0040	0.0010	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0061	0.0011	0.010	0.0000300	0.000000183	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.010	0.0300	0.0000360	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0079 (1)	0.0079	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0060	0.0023	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0091	0.0021	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00265	0.00065	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0117	0.0023	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00849	0.00063	0.010	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0237	0.0017	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0066	0.0020	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	0.0073	0.0024	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0316	0.00083	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0026	0.0011	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	0.00223	0.00090	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000133	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	125	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	51	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	73	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	74	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	79	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6071630

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.00040	0.00040	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0030	0.0012	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0173	0.00052	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00212	0.00056	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00355	0.00056	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00076	0.00051	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00176	0.00053	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630

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Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0125	0.00052	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00362	0.00076	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0048	0.0013	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0080	0.0016	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0300	0.0012	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0023	0.0012	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0183	0.0011	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0602	0.0011	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00020	0.00020	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.00738	0.00097	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00192	0.00089	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00854	0.00095	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0770	0.00093	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00204	0.00087	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0118	0.00098	0.0099	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0387	0.00091	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0033	0.0011	0.0099	0.000100	0.000000330	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00087	0.00081	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0099	0.000300	0.000000330	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0058	0.0013	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0934	0.0012	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0085	0.0013	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0201	0.00095	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0583	0.0010	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0074	0.0012	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.124	0.0010	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0234	0.0012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0507	0.0011	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00013	0.00013	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00014	0.00014	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0434	0.0014	0.0099	0.0000300	0.00000130	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.0036	0.0012	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.114	0.00098	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0028	0.0013	0.0099	0.0000300	0.0000000840	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.132	0.0014	0.0099	0.0000300	0.00000396	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0024	0.0015	0.0099	0.0000300	0.0000000720	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0099	0.100	0.000130	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0201	0.0018	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.157	0.0019	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0068	0.0023	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0201	0.0022	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0033 (1)	0.0033	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0361	0.0011	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00638	0.00078	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0074	0.0022	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0098	0.0020	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0041	0.0010	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0231	0.0018	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0711	0.0019	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.147	0.0016	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0145	0.0015	0.020	0.0000300	0.000000435	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0110	0.0014	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0037	0.0014	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0058	0.0014	0.0099	0.0000300	0.000000174	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.0099	0.0300	0.0000450	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0078	0.0016	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0047	0.0022	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0062	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00226	0.00097	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0078 (1)	0.0078	0.0099	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	<0.0048 (1)	0.0048	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00876	0.00093	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0238	0.0016	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0058	0.0019	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	0.0059	0.0023	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0310	0.0012	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0030	0.0013	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000182	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	124	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ873						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C09 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6071630

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	0.0025	0.0019	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0053	0.0019	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0094	0.0015	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0792	0.00066	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00736	0.00072	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00991	0.00069	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00571	0.00067	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.0141	0.00067	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
24'5-TriCB-(31)	ng/g	0.0513	0.00064	0.010	N/A	N/A	N/A	6071630

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0028	0.0012	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0125	0.00095	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0244	0.0018	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0228	0.0022	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0057	0.0026	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.132	0.0017	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0165	0.0017	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0789	0.0016	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.276	0.0017	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0322	0.00092	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0086	0.0013	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0415	0.00089	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.385	0.00087	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0126	0.00086	0.010	N/A	N/A	N/A	6071630
234'6-TetraCB-(64)	ng/g	0.0538	0.0014	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.228	0.00084	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.00279	0.00080	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0127	0.0010	0.010	0.000100	0.00000127	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00602	0.00076	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.010	0.000300	0.000000300	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0150	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.389	0.0015	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0457	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0819	0.0012	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.220	0.0013	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0423	0.0015	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.546	0.0013	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0893	0.0015	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.162	0.0014	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.0033	0.0013	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.230	0.0010	0.010	0.0000300	0.00000690	N/A	6071630
233'45-PentaCB-(106)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0416	0.00075	0.010	N/A	N/A	N/A	6071630

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0165	0.00086	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.517	0.0012	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0147	0.00098	0.010	0.0000300	0.000000441	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.657	0.0010	0.010	0.0000300	0.0000197	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.00420	0.00097	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0056	0.0011	0.010	0.0000300	0.000000168	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00095	0.00095	0.010	0.100	0.0000950	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0759	0.0027	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.557	0.0031	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0253	0.0035	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0685	0.0034	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0059	0.0032	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0078 (1)	0.0078	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0893	0.0010	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0173	0.00078	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0271	0.0031	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0053	0.0029	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0477	0.0031	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.0084	0.0010	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0690	0.0028	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0763	0.0042	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.351	0.0025	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00408	0.00089	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0580	0.0026	0.020	0.0000300	0.00000174	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	<0.034 (1)	0.034	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0207	0.0024	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0186	0.0024	0.010	0.0000300	0.000000558	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0229	0.0030	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0104	0.0039	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0183	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00370	0.00097	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0208	0.0040	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	<0.0080 (1)	0.0080	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	<0.014 (1)	0.014	0.010	N/A	N/A	N/A	6071630

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0606	0.0029	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0087	0.0039	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0589	0.0012	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.010	0.0000300	0.0000000720	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0055 (1)	0.0055	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0073	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0057 (2)	0.0057	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6071630

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000201	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	120	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	57	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ875						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0029	0.0018	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0597	0.00073	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00147	0.00073	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00661	0.00073	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00251	0.00071	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0396	0.00070	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0094	0.0011	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.00882	0.00081	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0170	0.00099	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0033	0.0012	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0663	0.00077	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.00085	0.00085	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00174	0.00080	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0427	0.00073	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.132	0.00078	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0186	0.00069	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00484	0.00061	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0260	0.00066	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.199	0.00067	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00632	0.00064	0.0099	N/A	N/A	N/A	6071630
234'6-TetraCB-(64)	ng/g	0.0407	0.00066	0.0099	N/A	N/A	N/A	6071630

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.117	0.00066	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00083 (1)	0.00083	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	0.00189	0.00063	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00766	0.00082	0.0099	0.000100	0.000000766	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.0030 (1)	0.0030	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00082	0.00082	0.0099	0.000300	0.000000246	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0111	0.00094	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.179	0.00083	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0185	0.00093	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0420	0.00065	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.109	0.00072	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0153	0.00082	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.253	0.00070	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0448	0.00083	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00083	0.00083	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0732	0.00079	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.00091	0.00074	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.103	0.0010	0.0099	0.0000300	0.00000309	N/A	6071630
233'45-PentaCB-(106)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0190	0.00077	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00775	0.00088	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.241	0.00068	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0072	0.0010	0.0099	0.0000300	0.000000216	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.322	0.0011	0.0099	0.0000300	0.00000966	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0022	0.0011	0.0099	0.0000300	0.0000000660	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00098	0.00098	0.0099	0.100	0.0000980	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0398	0.0012	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.304	0.0014	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0143	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	0.0022	0.0017	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0374	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0060	0.0018	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0565	0.00081	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.0075 (1)	0.0075	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0134	0.0015	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0020	0.0013	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0283	0.0014	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.00515	0.00078	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0375	0.0012	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.108	0.0014	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.269	0.0011	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0283	0.0013	0.020	0.0000300	0.000000849	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0207	0.00095	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0112	0.0010	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0114	0.0012	0.0099	0.0000300	0.000000342	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0194	0.0011	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0063	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	0.0033	0.0015	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0125	0.0013	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00202	0.00085	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0110	0.0015	0.0099	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	<0.0067 (1)	0.0067	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0105	0.00084	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0499	0.0011	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0126	0.0012	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0430	0.0011	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0099	0.0000300	0.0000000390	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.0041	0.0011	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042 (1)	0.0042	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0049	0.0018	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	0.0030	0.0015	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000152	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	45	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	37	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6071630

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BV Labs ID		IQZ877						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	46	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0090	0.0090	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	0.0058	0.0021	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0078	0.0014	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0202	0.0012	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0941	0.00065	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	<0.0063 (1)	0.0063	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.0117	0.00066	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00961	0.00065	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.0162	0.00063	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	0.0031	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0801	0.00063	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.00462	0.00099	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0119	0.00097	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0352	0.0010	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0441	0.0013	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0074	0.0016	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.191	0.00098	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0027 (1)	0.0027	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0198	0.0010	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.133	0.00093	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0012 (1)	0.0012	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.348	0.0010	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0401	0.0010	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0128	0.00078	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0382	0.00097	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.404	0.00098	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0116	0.00094	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0858	0.00085	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.232	0.00097	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	0.00217	0.00086	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.00291	0.00089	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0140	0.0012	0.010	0.000100	0.00000140	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00726	0.00086	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.010	0.000300	0.000000360	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0278	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.437	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0540	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0811	0.0011	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.286	0.0012	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0454	0.0014	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.608	0.0012	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0983	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0073	0.0014	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.213	0.0013	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.0037	0.0012	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.197	0.00078	0.010	0.0000300	0.00000591	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0388	0.00057	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.0173	0.00065	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.618	0.0011	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0130	0.00076	0.010	0.0000300	0.000000390	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.655	0.00079	0.010	0.0000300	0.0000197	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.00385	0.00073	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00493	0.00083	0.010	0.0000300	0.000000148	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00073	0.00073	0.010	0.100	0.0000730	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0863	0.0020	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.548	0.0023	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0252	0.0027	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0847	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0049 (1)	0.0049	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0100	0.0029	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.101	0.0011	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0216	0.00085	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0246	0.0025	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0059 (1)	0.0059	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0466	0.0023	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0119	0.0011	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0650	0.0020	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.282	0.0023	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.423	0.0018	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00528	0.00095	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0514	0.0015	0.020	0.0000300	0.00000154	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0342	0.0016	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0014 (1)	0.0014	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0225	0.0017	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0170	0.0014	0.010	0.0000300	0.000000510	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.010	0.0300	0.0000450	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0309	0.0014	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0165	0.0019	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	0.0049	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0232	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0214	0.0019	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0119	0.0021	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.0185	0.0015	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0742	0.0014	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0223	0.0015	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0827	0.0019	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.010	0.0000300	0.0000000810	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.0083	0.0014	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0087	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	0.0037	0.0023	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	0.0054	0.0034	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0094 (1)	0.0094	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	0.0046	0.0028	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	0.0067	0.0032	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000148	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	66	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	95	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ879						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	113	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	109	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0014	0.0012	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0045	0.0010	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0312	0.00058	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00288	0.00058	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00313	0.00058	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00283	0.00056	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0211	0.00056	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.00135	0.00084	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00634	0.00086	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0133	0.0011	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0102	0.0013	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0023	0.0017	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0612	0.0010	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0018	0.0012	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0434	0.00099	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.0019	0.0011	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.115	0.0011	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0107	0.00077	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00435	0.00083	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0172	0.00073	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.148	0.00074	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00436	0.00071	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0306	0.00090	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.111	0.00073	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.00119	0.00067	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00577	0.00091	0.010	0.000100	0.000000577	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00165	0.00065	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00090	0.00090	0.010	0.000300	0.000000270	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0091	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.197	0.0013	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0167	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0397	0.0010	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.103	0.0011	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0179	0.0013	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.254	0.0011	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0476	0.0013	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0768	0.0012	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.104	0.0012	0.010	0.0000300	0.00000312	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0192	0.00085	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00556	0.00098	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.212	0.0010	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0055	0.0011	0.010	0.0000300	0.000000165	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.321	0.0012	0.010	0.0000300	0.00000963	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0018 (1)	0.0018	0.010	0.0000300	0.0000000540	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.010	0.100	0.000110	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0393	0.0025	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.294	0.0028	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0134	0.0033	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0357	0.0031	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0040	0.0030	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0046 (1)	0.0046	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0542	0.00097	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00786	0.00072	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0155	0.0030	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0040	0.0027	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0260	0.0028	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00628	0.00093	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0365	0.0025	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0818	0.0028	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.234	0.0022	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00299	0.00080	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0283	0.0014	0.020	0.0000300	0.000000849	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0219	0.0019	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0071	0.0020	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0103	0.0013	0.010	0.0000300	0.000000309	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.010	0.0300	0.0000390	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0194	0.0022	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0089	0.0028	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	0.0042	0.0029	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0124	0.0025	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00206	0.00081	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0137	0.0029	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	0.0088	0.0011	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00797	0.00080	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0497	0.0021	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0136	0.0023	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0479	0.0010	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0049	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	0.0035	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0071	0.0020	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	0.0018	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0038 (1)	0.0038	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000164	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	117	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	79	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	51	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	103	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ881						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	103	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0022 (1)	0.0022	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0215	0.00094	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00195	0.00094	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00272	0.00094	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00131	0.00091	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0138	0.00090	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0015	0.0011	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0066	0.0018	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0269	0.0017	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0026	0.0018	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0176	0.0016	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0578	0.0017	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0061	0.0013	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0020	0.0013	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	<0.0094 (1)	0.0094	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0991	0.0012	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0019	0.0012	0.010	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0143	0.0015	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0518	0.0012	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0029	0.0015	0.010	0.000100	0.000000290	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.010	0.000300	0.000000450	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.116	0.0015	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0230	0.0012	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0456	0.0013	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	<0.0063 (1)	0.0063	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.118	0.0012	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0175	0.0015	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0318	0.0014	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0457	0.00095	0.010	0.0000300	0.00000137	N/A	6071630

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00632	0.00069	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00202	0.00080	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0846	0.0012	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00333	0.00092	0.010	0.0000300	0.000000100	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.119	0.00096	0.010	0.0000300	0.00000357	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0016 (1)	0.0016	0.010	0.0000300	0.0000000480	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00089	0.00089	0.010	0.100	0.0000890	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	<0.020 (1)	0.020	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.183	0.0033	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0075	0.0039	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0169	0.0038	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	<0.020 (1)	0.020	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.0040 (1)	0.0040	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0084 (1)	0.0084	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0097 (1)	0.0097	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6071630

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0257	0.0030	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0528	0.0034	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.168	0.0027	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0156	0.0016	0.020	0.0000300	0.000000468	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	<0.0089 (1)	0.0089	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0036	0.0015	0.010	0.0000300	0.000000108	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.010	0.0300	0.0000480	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0130	0.0026	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0048 (1)	0.0048	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0052	0.0029	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0059 (1)	0.0059	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	0.0058	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	<0.0035 (2)	0.0035	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0326	0.0026	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0091	0.0028	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0275	0.0015	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0020	0.0020	0.010	0.0000300	0.0000000600	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0052	0.0029	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0041	0.0031	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630

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QC Batch = Quality Control Batch

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000143	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	120	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6071630

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ883						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	0.0035	0.0024	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0049	0.0016	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0154	0.0014	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0594	0.00091	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	<0.0050 (1)	0.0050	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00805	0.00092	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00364	0.00091	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.0112	0.00088	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0014 (1)	0.0014	0.0099	N/A	N/A	N/A	6071630

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0508	0.00088	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0024	0.0011	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0076	0.0014	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0428	0.0024	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0604	0.0029	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0117	0.0036	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.296	0.0023	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0040	0.0025	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0195	0.0024	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.230	0.0022	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.0027	0.0024	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.719	0.0023	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0567	0.0012	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0171	0.0018	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0443	0.0011	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.540	0.0011	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0181	0.0011	0.0099	N/A	N/A	N/A	6071630
234'6-TetraCB-(64)	ng/g	0.110	0.0020	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.237	0.0011	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	0.0035	0.0010	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.0061	0.0010	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	0.0085	0.0011	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0161	0.0014	0.0099	0.000100	0.00000161	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.0097	0.0010	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.0099	0.000300	0.000000420	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0419	0.0016	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.800	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.108	0.0016	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.166	0.0011	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.497	0.0012	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0998	0.0014	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	1.27	0.0012	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.246	0.0014	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0096	0.0014	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.515	0.0013	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.0067	0.0013	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.410	0.0015	0.0099	0.0000300	0.0000123	N/A	6071630
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0925	0.0011	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0365	0.0013	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	1.19	0.0012	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0228	0.0015	0.0099	0.0000300	0.000000684	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	1.34	0.0016	0.0099	0.0000300	0.0000402	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.0097	0.0014	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0142	0.0017	0.0099	0.0000300	0.000000426	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.186	0.0032	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	1.54	0.0036	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0783	0.0043	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0076 (1)	0.0076	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.193	0.0041	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0227	0.0039	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.042 (1)	0.042	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.308	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0390	0.0011	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0709	0.0039	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0142	0.0035	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.118	0.0037	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.0290	0.0014	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.214	0.0032	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.458	0.0036	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	1.27	0.0029	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.0124	0.0012	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.149	0.0032	0.020	0.0000300	0.00000447	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0969	0.0025	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	0.0029	0.0028	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	0.0058	0.0027	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0526	0.0027	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0526	0.0030	0.0099	0.0000300	0.00000158	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0099	0.0300	0.0000930	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0909	0.0024	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0331	0.0031	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	0.0183	0.0032	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0584	0.0027	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	0.0051	0.0021	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.0076	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0724	0.0031	0.0099	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	0.0475	0.0022	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.0432	0.0016	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.246	0.0023	0.020	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0591	0.0025	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.238	0.0020	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0055 (1)	0.0055	0.0099	0.0000300	0.000000165	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.0216	0.0024	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	0.0037	0.0023	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0287	0.0022	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0081 (1)	0.0081	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	0.0139	0.0040	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0286	0.0040	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042 (1)	0.0042	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	0.0132	0.0033	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000295	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ885						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	0.0023	0.0022	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0040	0.0015	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0083 (1)	0.0083	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.104	0.00079	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	<0.0041 (1)	0.0041	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.0124	0.00080	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00426	0.00079	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.0114	0.00077	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	0.0014	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0824	0.00076	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0037	0.0010	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0159	0.0012	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0411	0.0012	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0494	0.0015	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0111	0.0018	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.275	0.0011	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0215	0.0012	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.184	0.0011	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.0021	0.0012	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.645	0.0012	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0586	0.0014	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0148	0.00090	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0672	0.0013	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.675	0.0013	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0244	0.0013	0.010	N/A	N/A	N/A	6071630

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.126	0.00099	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.374	0.0013	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.0044	0.0012	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	0.0079	0.0013	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0248	0.0017	0.010	0.000100	0.00000248	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.0120	0.0012	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0340	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.840	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0919	0.0016	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.182	0.0011	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.507	0.0012	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0947	0.0014	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	1.27	0.0012	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.254	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0108	0.0014	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.402	0.0013	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.0047	0.0013	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.482	0.0014	0.010	0.0000300	0.0000145	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0901	0.0010	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.0353	0.0012	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	1.19	0.0012	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0293	0.0013	0.010	0.0000300	0.000000879	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	1.43	0.0014	0.010	0.0000300	0.0000429	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.0066	0.0013	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0122	0.0015	0.010	0.0000300	0.000000366	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.190	0.0026	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	1.45	0.0030	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0740	0.0035	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	0.0089	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.187	0.0033	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0224	0.0032	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0345	0.0038	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.292	0.0010	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0404	0.00078	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0571	0.0032	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0111	0.0029	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.115	0.0030	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.0213	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.190	0.0026	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.434	0.0030	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	1.01	0.0024	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00931	0.00087	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.136	0.0025	0.020	0.0000300	0.00000408	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0765	0.0020	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	0.0048	0.0021	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0535	0.0022	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0473	0.0023	0.010	0.0000300	0.00000142	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.010	0.0300	0.0000720	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0715	0.0019	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0306	0.0025	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	0.0175	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0567	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.0087	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0661	0.0025	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	0.0421	0.0022	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0455	0.0015	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.194	0.0019	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0415	0.0020	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.212	0.0019	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	0.0047	0.0026	0.010	0.0000300	0.000000141	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	0.0039	0.0019	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	0.0207	0.0032	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	0.0075	0.0034	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0082 (1)	0.0082	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0228	0.0035	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	0.0049	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	0.0145	0.0033	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000269	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ887						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6071630

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071	0.00071	0.0094	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0094	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0084	0.0084	0.0094	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.019	0.019	0.019	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.027	0.027	0.0094	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0024 (1)	0.0024	0.0094	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0044	0.0014	0.0094	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0058 (1)	0.0058	0.019	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0404	0.0010	0.019	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	<0.0055 (1)	0.0055	0.019	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.0064	0.0010	0.0094	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00299	0.00099	0.0094	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00461	0.00096	0.019	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0318	0.00096	0.0094	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0032 (1)	0.0032	0.0094	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.0094	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0077	0.0015	0.0094	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.0094	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00091	0.00091	0.0094	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0231	0.0016	0.028	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0187	0.0019	0.0094	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	0.0039	0.0024	0.0094	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0762	0.0015	0.028	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0034	0.0016	0.019	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0135	0.0015	0.0094	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0588	0.0014	0.019	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0029 (1)	0.0029	0.019	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.143	0.0015	0.0094	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00087	0.00087	0.0094	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0233	0.0021	0.0094	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0073	0.0012	0.028	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0190	0.0020	0.0094	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.201	0.0020	0.038	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.0045	0.0019	0.0094	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0414	0.0013	0.0094	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.116	0.0020	0.0094	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0060	0.0025	0.0094	0.000100	0.000000600	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.0028 (1)	0.0028	0.0094	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0094	0.000300	0.000000720	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0125	0.0033	0.0094	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.161	0.0029	0.019	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0326	0.0032	0.0094	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0390	0.0023	0.028	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.126	0.0025	0.057	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0272	0.0028	0.019	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.250	0.0024	0.028	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0434	0.0029	0.0094	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.038	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.104	0.0027	0.0094	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00086	0.00086	0.0094	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00081	0.00081	0.0094	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0891	0.0015	0.0094	0.0000300	0.00000267	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.0140	0.0011	0.0094	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0060 (1)	0.0060	0.019	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.289	0.0024	0.019	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.0047	0.0014	0.0094	0.0000300	0.000000141	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.254	0.0015	0.0094	0.0000300	0.00000762	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.0036	0.0016	0.0094	0.0000300	0.000000108	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0094	0.100	0.000140	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0300	0.0038	0.019	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.217	0.0042	0.028	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0112	0.0050	0.0094	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0053	0.0053	0.0094	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0439	0.0048	0.0094	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0045	0.0045	0.0094	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0080	0.0054	0.019	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0599	0.0011	0.019	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.011 (1)	0.011	0.0094	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0092	0.0046	0.0094	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0041	0.0041	0.019	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0212	0.0043	0.0094	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0066	0.0010	0.0094	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00080	0.00080	0.0094	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0255	0.0038	0.0094	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.102	0.0043	0.019	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00079	0.00079	0.0094	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00078	0.00078	0.0094	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.145	0.0034	0.0094	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0032 (1)	0.0032	0.0094	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00083	0.00083	0.0094	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0189	0.0031	0.019	0.0000300	0.000000567	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	<0.015 (1)	0.015	0.0094	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0082	0.0031	0.0094	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	<0.0054 (1)	0.0054	0.0094	0.0000300	0.000000162	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.0094	0.0300	0.0000900	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0090 (1)	0.0090	0.0094	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0057	0.0026	0.019	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0096	0.0023	0.0094	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.0029	0.0014	0.0094	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0093	0.0027	0.0094	N/A	N/A	N/A	6071630

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0056 (1)	0.0056	0.0094	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.0101	0.0014	0.0094	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0232	0.0020	0.019	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	<0.0043 (2)	0.0043	0.0094	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0274	0.0018	0.0094	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0035	0.0035	0.0094	0.0000300	0.000000105	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0055	0.0055	0.0094	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0059	0.0059	0.0094	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0056	0.0056	0.0094	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0056	0.0056	0.019	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0053	0.0053	0.0094	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0069	0.0069	0.0094	N/A	N/A	N/A	6071630

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.0094	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0072	0.0072	0.0094	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0058	0.0058	0.0094	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000243	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	126	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	74	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	79	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ890						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C19 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	77	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0105	0.00097	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.0013	0.0011	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0069 (1)	0.0069	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.0020	0.0015	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	<0.0026 (1)	0.0026	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0034	0.0024	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0179	0.0017	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0078 (1)	0.0078	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0304	0.0018	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	<0.0014	0.0014	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0045	0.0018	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0389	0.0018	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0061	0.0015	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	<0.022 (1)	0.022	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	<0.0022	0.0022	0.010	0.000100	0.000000220	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.010	0.000300	0.000000660	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0536	0.0034	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	<0.0095 (1)	0.0095	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0250	0.0027	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0528	0.0028	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0127	0.0035	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	<0.023 (1)	0.023	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0272	0.0019	0.010	0.0000300	0.000000816	N/A	6071630

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0509	0.0026	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0019	0.0019	0.010	0.0000300	0.0000000570	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0724	0.0020	0.010	0.0000300	0.00000217	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.010	0.100	0.000180	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0130	0.0058	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0848	0.0066	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0118	0.0079	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	<0.018 (1)	0.018	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0125	0.0061	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0341	0.00021	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	<0.067 (1)	0.067	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	<0.0060 (1)	0.0060	0.020	0.0000300	0.000000180	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	<0.0030 (1)	0.0030	0.010	0.0000300	0.0000000900	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.0052	0.0011	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0185	0.0014	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0031	0.0031	0.010	0.0000300	0.0000000930	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000259	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6071630

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ892						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C20 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	50	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6071630

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	0.0042	0.0033	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0023	0.0019	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0042 (1)	0.0042	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0101	0.00061	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00451	0.00067	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0011 (1)	0.0011	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	<0.0021 (1)	0.0021	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00792	0.00060	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00193	0.00096	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0122	0.0013	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0095	0.0016	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0299	0.0011	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0034	0.0013	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0041	0.0013	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0205	0.0011	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.0027	0.0012	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0456	0.0012	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0133	0.00096	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00263	0.00093	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00545	0.00095	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0471	0.00090	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00111	0.00090	0.010	N/A	N/A	N/A	6071630
234'6-TetraCB-(64)	ng/g	0.0130	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0308	0.00092	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0022	0.0011	0.010	0.000100	0.000000220	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0083	0.0013	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0503	0.0012	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0135	0.0014	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0103	0.00090	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0407	0.00097	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0085	0.0011	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0698	0.00099	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0186	0.0012	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025 (1)	0.0025	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0416	0.0011	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0229	0.00072	0.010	0.0000300	0.000000687	N/A	6071630
233'45-PentaCB-(106)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.00327	0.00050	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0023 (1)	0.0023	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0864	0.00093	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0012 (1)	0.0012	0.010	0.0000300	0.0000000360	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0538	0.00072	0.010	0.0000300	0.00000161	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.00081 (1)	0.00081	0.010	0.0000300	0.0000000243	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00067	0.00067	0.010	0.100	0.0000670	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0100	0.0019	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0653	0.0022	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0058	0.0027	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0209	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0032 (1)	0.0032	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0239	0.00089	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00714	0.00068	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0036	0.0022	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0048 (1)	0.0048	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'345'6-HexaCB-(144)	ng/g	0.00252	0.00086	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0111	0.0020	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0280	0.00080	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0466	0.0017	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0052	0.0012	0.020	0.0000300	0.000000156	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.0045	0.0015	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.0049	0.0016	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0024	0.0011	0.010	0.0000300	0.0000000720	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.010	0.0300	0.0000360	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0034	0.0010	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0033	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00102	0.00054	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0045	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'55'6-HeptaCB-(178)	ng/g	0.00216	0.00076	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0087	0.0010	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.00880	0.00068	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000106	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	117	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6071630

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ922						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	117	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0045	0.0022	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0113	0.00034	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	<0.0049 (1)	0.0049	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00303	0.00038	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00111	0.00034	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00288	0.00036	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00956	0.00034	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0018	0.0017	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00032	0.00032	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00237	0.00053	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0128	0.00090	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0099	0.0011	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0321	0.00081	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0024 (1)	0.0024	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00487	0.00089	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0237	0.00080	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00290	0.00088	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0511	0.00085	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0139	0.00051	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	0.00264	0.00050	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00274	0.00066	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00620	0.00050	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0543	0.00047	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0140	0.00073	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0364	0.00048	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00058 (1)	0.00058	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00058 (1)	0.00058	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00057 (1)	0.00057	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00296	0.00059	0.010	0.000100	0.000000296	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00063	0.00039	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00059	0.00059	0.010	0.000300	0.000000177	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	<0.0081 (1)	0.0081	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0575	0.0012	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0149	0.0013	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0140	0.00089	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0466	0.00096	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0091	0.0011	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0831	0.00098	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0229	0.0012	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014 (1)	0.0014	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0485	0.0011	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0276	0.00079	0.010	0.0000300	0.000000828	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00398	0.00055	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0025 (1)	0.0025	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0932	0.00091	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0014 (1)	0.0014	0.010	0.0000300	0.0000000420	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0715	0.00080	0.010	0.0000300	0.00000215	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00157	0.00085	0.010	0.0000300	0.0000000471	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00074	0.00074	0.010	0.100	0.0000740	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0138	0.00090	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0823	0.0010	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0083	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0265	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0025	0.0011	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0048	0.0013	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0287	0.00076	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00829	0.00058	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0062	0.0011	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0015	0.0010	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0073	0.0011	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0151	0.00094	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0349	0.0011	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0617	0.00079	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00124	0.00062	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00730	0.00099	0.020	0.0000300	0.000000219	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00692	0.00069	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00547	0.00077	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	<0.0027 (1)	0.0027	0.010	0.0000300	0.0000000810	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00097	0.00097	0.010	0.0300	0.0000291	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.00301	0.00086	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0021 (1)	0.0021	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0037	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	0.00067	0.00047	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00111	0.00034	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00437	0.00033	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0119	0.00085	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0052	0.0011	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0142	0.00043	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.00091	0.00091	0.010	0.0000300	0.0000000273	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0029	0.0022	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000107	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	124	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	113	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	122	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	127	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6071630

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ923						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0020	0.0013	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0036 (1)	0.0036	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.00930	0.00050	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00418	0.00056	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00110	0.00051	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00228	0.00054	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00764	0.00050	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00274	0.00080	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0132	0.00076	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.00983	0.00096	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0295	0.00068	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0025 (1)	0.0025	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.00094 (1)	0.00094	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0205	0.00067	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00294	0.00074	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0451	0.00071	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0132	0.00050	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00247	0.00055	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	<0.0056 (1)	0.0056	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0528	0.00046	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.00076 (1)	0.00076	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0131	0.00061	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0329	0.00047	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00047 (1)	0.00047	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	0.00077	0.00044	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	0.00063	0.00047	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	<0.0027 (1)	0.0027	0.010	0.000100	0.000000270	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00072 (1)	0.00072	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00057	0.00057	0.010	0.000300	0.000000171	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00887	0.00081	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0564	0.00075	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0150	0.00084	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0120	0.00056	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0458	0.00060	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0101	0.00071	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0798	0.00061	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0215	0.00077	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00324	0.00073	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0482	0.00068	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0272	0.00086	0.010	0.0000300	0.000000816	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00398	0.00060	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0022 (1)	0.0022	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0905	0.00058	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00172	0.00083	0.010	0.0000300	0.0000000516	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0666	0.00087	0.010	0.0000300	0.00000200	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00126	0.00092	0.010	0.0000300	0.0000000378	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00081	0.00081	0.010	0.100	0.0000810	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0122	0.00070	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0762	0.00080	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.00739	0.00098	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0221	0.00095	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.00161	0.00089	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0250	0.00064	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00774	0.00049	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.00166	0.00078	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.00622	0.00084	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0121	0.00074	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0308	0.0024	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0573	0.00062	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00096	0.00052	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00635	0.00065	0.020	0.0000300	0.000000191	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00567	0.00053	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00545	0.00060	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	<0.0027 (1)	0.0027	0.010	0.0000300	0.0000000810	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00064	0.00064	0.010	0.0300	0.0000192	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0025 (1)	0.0025	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0044	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00319	0.00086	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00473	0.00060	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0123	0.0011	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0046	0.0015	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0126	0.00077	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000104	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	113	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	129	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	126	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	75	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	107	N/A	N/A	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ924						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	0.0036	0.0030	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	0.0024	0.0019	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0036	0.0016	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0053 (1)	0.0053	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0136	0.00041	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00792	0.00045	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00344	0.00045	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00309	0.00043	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0106	0.00041	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00303	0.00064	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0185	0.00091	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0142	0.0012	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0439	0.00082	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0037 (1)	0.0037	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	0.0016	0.0011	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	<0.0058 (1)	0.0058	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0307	0.00080	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00484	0.00089	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0694	0.00085	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0199	0.0010	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00370	0.00066	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0072	0.0010	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0737	0.00097	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0191	0.00073	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0485	0.00099	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	0.00099	0.00084	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0030	0.0012	0.010	0.000100	0.000000300	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	0.00148	0.00080	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.010	0.000300	0.000000360	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00972	0.00055	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0700	0.00051	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0202	0.00057	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0136	0.00038	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0575	0.00041	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0136	0.00048	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.00098 (1)	0.00098	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.104	0.00042	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0316	0.00053	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00423	0.00050	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0664	0.00047	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00082 (1)	0.00082	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0314	0.00070	0.010	0.0000300	0.000000942	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	<0.0045 (1)	0.0045	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00320	0.00059	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.110	0.00039	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00159	0.00068	0.010	0.0000300	0.0000000477	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0823	0.00070	0.010	0.0000300	0.00000247	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00032	0.00032	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00075 (1)	0.00075	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00172	0.00075	0.010	0.0000300	0.0000000516	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00065	0.00065	0.010	0.100	0.0000650	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0138	0.00077	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0843	0.00088	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0260	0.0010	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.00192	0.00097	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0053	0.0011	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0271	0.00065	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0102	0.00050	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.00478	0.00090	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0012 (1)	0.0012	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.00767	0.00092	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00226	0.00062	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0155	0.00081	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0285	0.0016	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0627	0.00068	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	<0.0063 (1)	0.0063	0.020	0.0000300	0.000000189	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00709	0.00059	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00672	0.00066	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0034	0.0011	0.010	0.0000300	0.000000102	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.00412	0.00097	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0027	0.0014	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00134	0.00036	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0065 (1)	0.0065	0.010	N/A	N/A	N/A	6071630

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0034 (1)	0.0034	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00528	0.00035	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0135	0.00096	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0057	0.0013	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0145	0.00045	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0011 (1)	0.0011	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0029 (1)	0.0029	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000102	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	126	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	76	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ925						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0032	0.0020	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0050	0.0017	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0113	0.00068	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00543	0.00075	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00295	0.00076	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00097	0.00069	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	<0.0023 (1)	0.0023	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00942	0.00068	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0131	0.0010	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0096	0.0013	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0317	0.00090	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0032	0.0010	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00404	0.00099	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0216	0.00089	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0028 (1)	0.0028	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0475	0.00094	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0131	0.00070	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	<0.0024 (1)	0.0024	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00493	0.00069	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0483	0.00066	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0125	0.00081	0.0099	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0321	0.00067	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	0.00062	0.00057	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00233	0.00082	0.0099	0.000100	0.000000233	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00077 (1)	0.00077	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00081	0.00081	0.0099	0.000300	0.000000243	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0074	0.0016	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0484	0.0015	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0136	0.0017	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	<0.0097 (1)	0.0097	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0423	0.0012	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0086	0.0014	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0694	0.0012	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0193	0.0015	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017 (1)	0.0017	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0424	0.0013	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0252	0.00051	0.0099	0.0000300	0.000000756	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00343	0.00035	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0017 (1)	0.0017	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0864	0.0011	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0011 (1)	0.0011	0.0099	0.0000300	0.0000000330	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0597	0.00051	0.0099	0.0000300	0.00000179	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00079 (1)	0.00079	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0010 (1)	0.0010	0.0099	0.0000300	0.0000000300	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00048	0.00048	0.0099	0.100	0.0000480	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0100	0.00098	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0653	0.0011	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0065	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0219	0.0013	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.0022	0.0012	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0050	0.0015	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0249	0.00078	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.0060 (1)	0.0060	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.0034	0.0012	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.0017	0.0011	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0051 (1)	0.0051	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00226	0.00075	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0117	0.0010	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0312	0.0019	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0493	0.00087	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00575	0.00081	0.020	0.0000300	0.000000173	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00532	0.00075	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00430	0.00084	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.00261	0.00075	0.0099	0.0000300	0.0000000783	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00079	0.00079	0.0099	0.0300	0.0000237	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0020	0.0016	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0035	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0044 (1)	0.0044	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0031	0.0011	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00391	0.00077	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0095	0.0011	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0035	0.0015	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	<0.0083 (1)	0.0083	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000751	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	122	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6071630

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ926						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	0.0024	0.0022	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0042	0.0018	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0102	0.00051	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00454	0.00056	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00269	0.00056	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	<0.0022 (1)	0.0022	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00880	0.00050	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0119	0.00082	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	<0.0075 (1)	0.0075	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0283	0.00073	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	<0.0026 (1)	0.0026	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00366	0.00080	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0211	0.00072	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00287	0.00080	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0441	0.00077	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0125	0.00057	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00229	0.00060	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00621	0.00057	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0505	0.00054	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00110	0.00054	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0134	0.00066	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0321	0.00055	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00049 (1)	0.00049	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00071 (1)	0.00071	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.00227	0.00067	0.010	0.000100	0.000000227	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00065 (1)	0.00065	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00066	0.00066	0.010	0.000300	0.000000198	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00871	0.00070	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0553	0.00065	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0138	0.00073	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	<0.010 (1)	0.010	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0457	0.00052	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	<0.0081 (1)	0.0081	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0786	0.00053	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0217	0.00067	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0021 (1)	0.0021	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0446	0.00059	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0269	0.00090	0.010	0.0000300	0.000000807	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00411	0.00063	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0023 (1)	0.0023	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0923	0.00050	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00128	0.00088	0.010	0.0000300	0.0000000384	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0620	0.00091	0.010	0.0000300	0.00000186	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00135	0.00097	0.010	0.0000300	0.0000000405	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00085	0.00085	0.010	0.100	0.0000850	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0119	0.00078	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0779	0.00090	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	<0.0067 (1)	0.0067	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0240	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.00190	0.00099	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0051	0.0012	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0280	0.00056	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00747	0.00043	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.00087	0.00087	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00275	0.00054	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0129	0.00082	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0283	0.0018	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0575	0.00069	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00091 (1)	0.00091	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.0065	0.0013	0.020	0.0000300	0.000000195	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00625	0.00060	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00583	0.00067	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.0028	0.0012	0.010	0.0000300	0.0000000840	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.010	0.0300	0.0000390	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	0.0034	0.0010	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0039	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.00085 (1)	0.00085	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0055 (1)	0.0055	0.010	N/A	N/A	N/A	6071630

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00320	0.00081	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0118	0.0010	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0043	0.0014	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0121	0.00072	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.00084	0.00084	0.010	0.0000300	0.0000000252	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0025 (1)	0.0025	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000127	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	116	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	118	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ927						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	120	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0036	0.0020	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.00865	0.00034	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00412	0.00037	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00281	0.00037	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.00081 (1)	0.00081	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00204	0.00036	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00754	0.00033	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00031	0.00031	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00236	0.00053	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0116	0.0020	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0087	0.0025	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0292	0.0018	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.0026	0.0020	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.0036	0.0019	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0200	0.0017	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0466	0.0018	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0131	0.0010	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.0027	0.0014	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.0054	0.0010	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0505	0.00097	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0123	0.0016	0.0099	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0322	0.00099	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0021	0.0012	0.0099	0.000100	0.000000210	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0099	0.000300	0.000000360	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00795	0.00098	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0548	0.00091	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	<0.012 (1)	0.012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0123	0.00068	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0439	0.00073	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.00898	0.00086	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0762	0.00075	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0197	0.00094	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00334	0.00089	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0461	0.00083	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0240	0.0010	0.0099	0.0000300	0.000000720	N/A	6071630

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00457	0.00071	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00273	0.00086	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0874	0.00070	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0014 (1)	0.0014	0.0099	0.0000300	0.0000000420	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0628	0.0010	0.0099	0.0000300	0.00000188	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.0099	0.0000300	0.0000000330	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00095	0.00095	0.0099	0.100	0.0000950	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0109	0.00070	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0702	0.00080	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	<0.0055 (1)	0.0055	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0199	0.00094	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0014 (1)	0.0014	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0041 (1)	0.0041	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0241	0.00053	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00690	0.00041	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0010 (1)	0.0010	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	<0.0061 (1)	0.0061	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0311	0.0017	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0517	0.00061	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	0.00116	0.00044	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00569	0.00078	0.020	0.0000300	0.000000171	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00570	0.00053	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	<0.0042 (1)	0.0042	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	<0.0020 (1)	0.0020	0.0099	0.0000300	0.0000000600	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00077	0.00077	0.0099	0.0300	0.0000231	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00099	0.00039	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.00611	0.00072	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00380	0.00039	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	<0.0094 (1)	0.0094	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.00075	0.00075	0.0099	0.0000300	0.0000000225	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.00073	0.00053	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0029	0.0026	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000122	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	81	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	67	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ928						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	105	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0027 (1)	0.0027	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0042	0.0017	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0116	0.00041	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00499	0.00045	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00308	0.00045	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	0.00137	0.00041	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00295	0.00043	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0101	0.00040	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00269	0.00064	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0131	0.00065	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0102	0.00083	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0322	0.00059	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.00349	0.00065	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00455	0.00064	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0238	0.00058	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00341	0.00064	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0552	0.00061	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0143	0.00098	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	0.00282	0.00047	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00585	0.00097	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0554	0.00092	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00114	0.00092	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0147	0.00053	0.0099	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0348	0.00093	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0028	0.0011	0.0099	0.000100	0.000000280	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0099	0.000300	0.000000330	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.0097	0.0012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0634	0.0011	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0164	0.0012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0143	0.00081	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0513	0.00088	0.059	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.0113	0.0010	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0910	0.00089	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0269	0.0011	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026 (1)	0.0026	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0545	0.00099	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0335	0.00054	0.0099	0.0000300	0.00000101	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00455	0.00037	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00291	0.00045	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.108	0.00083	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	0.00190	0.00052	0.0099	0.0000300	0.0000000570	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0801	0.00054	0.0099	0.0000300	0.00000240	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.00082	0.00053	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0019 (1)	0.0019	0.0099	0.0000300	0.0000000570	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00050	0.00050	0.0099	0.100	0.0000500	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0134	0.00061	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0893	0.00070	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.00846	0.00085	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	0.00115	0.00084	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0293	0.00083	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0025 (1)	0.0025	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	<0.0061 (1)	0.0061	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0308	0.00062	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.0100	0.00047	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0057 (1)	0.0057	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0018 (1)	0.0018	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.00821	0.00073	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0029 (1)	0.0029	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0338	0.0016	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0656	0.00054	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00069 (1)	0.00069	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00833	0.00089	0.020	0.0000300	0.000000250	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00770	0.00047	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00588	0.00052	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.00362	0.00082	0.0099	0.0000300	0.000000109	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00087	0.00087	0.0099	0.0300	0.0000261	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0039 (1)	0.0039	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0029	0.0016	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0052	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.00099 (1)	0.00099	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0069	0.0016	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00381	0.00068	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00499	0.00048	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0150	0.0011	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0051	0.0015	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0151	0.00061	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.00096	0.00096	0.0099	0.0000300	0.0000000288	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.0015	0.0012	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	0.0038	0.0025	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000806	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	117	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	83	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	78	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	118	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	76	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ929						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	106	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	98	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	0.0043	0.0016	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.00927	0.00037	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00483	0.00041	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00291	0.00041	0.0099	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.00088 (1)	0.00088	0.0099	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00238	0.00039	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00824	0.00037	0.0099	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.0014	0.0012	0.0099	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00236	0.00058	0.0099	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0122	0.00092	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.0087	0.0012	0.0099	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0271	0.00083	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.00287	0.00093	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	<0.0040 (1)	0.0040	0.0099	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0193	0.00082	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	0.00312	0.00090	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0459	0.00087	0.0099	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0130	0.00091	0.0099	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	<0.0021 (1)	0.0021	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	<0.0045 (1)	0.0045	0.0099	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0497	0.00085	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0132	0.00075	0.0099	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0318	0.00086	0.0099	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	0.0027	0.0011	0.0099	0.000100	0.000000270	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0099	0.000300	0.000000330	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00776	0.00067	0.0099	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0529	0.00062	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	<0.012 (1)	0.012	0.0099	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0116	0.00046	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0438	0.00050	0.059	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.00943	0.00059	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	0.00072	0.00068	0.0099	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0748	0.00051	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0208	0.00064	0.0099	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00287	0.00060	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0455	0.00057	0.0099	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	0.00072	0.00055	0.0099	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0249	0.00085	0.0099	0.0000300	0.000000747	N/A	6071630

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00428	0.00059	0.0099	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	0.00240	0.00071	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0894	0.00048	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.00082	0.00082	0.0099	0.0000300	0.0000000246	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0641	0.00085	0.0099	0.0000300	0.00000192	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	0.00116	0.00090	0.0099	0.0000300	0.0000000348	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00079	0.00079	0.0099	0.100	0.0000790	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	0.0105	0.00054	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0693	0.00062	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.00690	0.00076	0.0099	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0221	0.00074	0.0099	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	0.00195	0.00069	0.0099	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.00530	0.00081	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0233	0.00065	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	<0.0064 (1)	0.0064	0.0099	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	0.00444	0.00064	0.0099	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	0.00161	0.00060	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.00648	0.00065	0.0099	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6071630

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00184	0.00062	0.0099	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0119	0.00057	0.0099	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0293	0.0020	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0513	0.00048	0.0099	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00574	0.00079	0.020	0.0000300	0.000000172	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	<0.0052 (1)	0.0052	0.0099	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00535	0.00047	0.0099	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.00334	0.00073	0.0099	0.0000300	0.000000100	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00078	0.00078	0.0099	0.0300	0.0000234	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	0.0022	0.0013	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0042	0.0012	0.0099	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	0.00108	0.00028	0.0099	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	0.0062	0.0013	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00431	0.00028	0.0099	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0120	0.00095	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0042	0.0013	0.0099	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00027	0.00027	0.0099	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.0109	0.00036	0.0099	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00031	0.00031	0.0099	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	0.00136	0.00098	0.0099	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0021 (1)	0.0021	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000106	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	118	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	110	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	82	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ930						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	123	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	124	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	96	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	103	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6071630
3-MonoCB-(2)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6071630
4-MonoCB-(3)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6071630
22'-DiCB-(4)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6071630
2,3-DiCB-(5)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
2,3'-DiCB-(6)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6071630
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
2,4'-DiCB-(8)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6071630
2,5-DiCB-(9)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6071630
2,6-DiCB-(10)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6071630
3,3'-DiCB-(11)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6071630
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6071630
3,5-DiCB-(14)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6071630
4,4'-DiCB-(15)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6071630
22'3-TriCB-(16)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6071630
22'4-TriCB-(17)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6071630
TriCB-(18)+(30)	ng/g	<0.0033 (1)	0.0033	0.020	N/A	N/A	N/A	6071630
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
TriCB-(20) + (28)	ng/g	0.0103	0.00048	0.020	N/A	N/A	N/A	6071630
TriCB-(21)+(33)	ng/g	0.00438	0.00051	0.020	N/A	N/A	N/A	6071630
234'-TriCB-(22)	ng/g	0.00282	0.00049	0.010	N/A	N/A	N/A	6071630
235-TriCB-(23)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6071630
236-TriCB-(24)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6071630
23'4-TriCB-(25)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6071630
TriCB-(26)+(29)	ng/g	0.00232	0.00048	0.020	N/A	N/A	N/A	6071630
23'6-TriCB-(27)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00931	0.00046	0.010	N/A	N/A	N/A	6071630
24'6-TriCB-(32)	ng/g	0.00118	0.00070	0.010	N/A	N/A	N/A	6071630
23'5'-TriCB-(34)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6071630
33'4-TriCB-(35)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6071630
33'5-TriCB-(36)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6071630
344'-TriCB-(37)	ng/g	0.00233	0.00068	0.010	N/A	N/A	N/A	6071630
345-TriCB-(38)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
34'5-TriCB-(39)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6071630
TetraCB-(40)+(41)+(71)	ng/g	0.0112	0.00080	0.030	N/A	N/A	N/A	6071630
22'34'-TetraCB-(42)	ng/g	0.00737	0.00098	0.010	N/A	N/A	N/A	6071630
22'35-TetraCB-(43)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
TetraCB-(44)+(47)+(65)	ng/g	0.0254	0.00075	0.030	N/A	N/A	N/A	6071630
TetraCB-(45)+(51)	ng/g	0.00275	0.00082	0.020	N/A	N/A	N/A	6071630
22'36'-TetraCB-(46)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6071630
22'45-TetraCB-(48)	ng/g	0.00400	0.00077	0.010	N/A	N/A	N/A	6071630
TetraCB-(49)+TetraCB-(69)	ng/g	0.0185	0.00071	0.020	N/A	N/A	N/A	6071630
TetraCB-(50)+(53)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6071630
22'55'-TetraCB-(52)	ng/g	0.0397	0.00075	0.010	N/A	N/A	N/A	6071630
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
233'4-TetraCB-(55)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6071630
233'4'-Tetra CB(56)	ng/g	0.0123	0.00071	0.010	N/A	N/A	N/A	6071630
233'5-TetraCB-(57)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
233'5'-TetraCB-(58)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6071630
TetraCB-(59)+(62)+(75)	ng/g	<0.0022 (1)	0.0022	0.030	N/A	N/A	N/A	6071630
2344'-TetraCB -(60)	ng/g	0.00551	0.00068	0.010	N/A	N/A	N/A	6071630
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0496	0.00067	0.040	N/A	N/A	N/A	6071630
234'5-TetraCB-(63)	ng/g	0.00110	0.00066	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0104	0.00063	0.010	N/A	N/A	N/A	6071630
23'44'-TetraCB-(66)	ng/g	0.0299	0.00064	0.010	N/A	N/A	N/A	6071630
23'45-TetraCB-(67)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
23'45'-TetraCB-(68)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6071630
23'55'-TetraCB-(72)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6071630
23'5'6-TetraCB-(73)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
33'44'-TetraCB-(77)	ng/g	<0.0021 (1)	0.0021	0.010	0.000100	0.000000210	N/A	6071630
33'45-TetraCB-(78)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6071630
33'45'-TetraCB(79)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
33'55'-TetraCB-(80)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6071630
344'5-TetraCB-(81)	ng/g	<0.00079	0.00079	0.010	0.000300	0.000000237	N/A	6071630
22'33'4-PentaCB-(82)	ng/g	0.00668	0.00070	0.010	N/A	N/A	N/A	6071630
PentaCB-(83)+(99)	ng/g	0.0459	0.00065	0.020	N/A	N/A	N/A	6071630
22'33'6-PentaCB-(84)	ng/g	0.0109	0.00070	0.010	N/A	N/A	N/A	6071630
PentaCB-(85)+(116)+(117)	ng/g	0.0124	0.00052	0.030	N/A	N/A	N/A	6071630
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0409	0.00055	0.060	N/A	N/A	N/A	6071630
PentaCB-(88)+(91)	ng/g	0.00741	0.00064	0.020	N/A	N/A	N/A	6071630
22'346'-PentaCB-(89)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6071630
PentaCB-(90)+(101)+(113)	ng/g	0.0671	0.00054	0.030	N/A	N/A	N/A	6071630
22'355'-PentaCB-(92)	ng/g	0.0165	0.00064	0.010	N/A	N/A	N/A	6071630
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00249	0.00063	0.040	N/A	N/A	N/A	6071630
22'356'-PentaCB-(94)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
22'35'6-PentaCB-(95)	ng/g	0.0383	0.00062	0.010	N/A	N/A	N/A	6071630
22'366'-PentaCB-(96)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6071630
22'45'6-PentaCB-(103)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6071630
22'466'-PentaCB-(104)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6071630
233'44'-PentaCB-(105)	ng/g	0.0265	0.00070	0.010	0.0000300	0.000000795	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6071630
233'4'5-PentaCB-(107)	ng/g	0.00474	0.00051	0.010	N/A	N/A	N/A	6071630
PentaCB-(108)+(124)	ng/g	<0.0026 (1)	0.0026	0.020	N/A	N/A	N/A	6071630
PentaCB-(110)+(115)	ng/g	0.0803	0.00052	0.020	N/A	N/A	N/A	6071630
233'55'-PentaCB-(111)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
233'56-PentaCB-(112)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
2344'5-PentaCB-(114)	ng/g	<0.0014 (1)	0.0014	0.010	0.0000300	0.0000000420	N/A	6071630
23'44'5-PentaCB-(118)	ng/g	0.0641	0.00071	0.010	0.0000300	0.00000192	N/A	6071630
23'455'-PentaCB-(120)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6071630
23'45'6-PentaCB-(121)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
233'4'5'-PentaCB-(122)	ng/g	0.00115	0.00067	0.010	N/A	N/A	N/A	6071630
23'44'5'-PentaCB-(123)	ng/g	<0.0011 (1)	0.0011	0.010	0.0000300	0.0000000330	N/A	6071630
33'44'5-PentaCB-(126)	ng/g	<0.00065	0.00065	0.010	0.100	0.0000650	N/A	6071630
33'455'-PentaCB-(127)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6071630
HexaCB-(128)+(166)	ng/g	<0.0095 (1)	0.0095	0.020	N/A	N/A	N/A	6071630
HexaCB-(129)+(138)+(163)	ng/g	0.0727	0.0013	0.030	N/A	N/A	N/A	6071630
22'33'45'-HexaCB-(130)	ng/g	0.0067	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630
22'33'46'-HexaCB-(132)	ng/g	0.0222	0.0014	0.010	N/A	N/A	N/A	6071630
22'33'55'-HexaCB-(133)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6071630
HexaCB-(134)+(143)	ng/g	0.0039	0.0015	0.020	N/A	N/A	N/A	6071630
HexaCB-(135)+(151)	ng/g	0.0207	0.0012	0.020	N/A	N/A	N/A	6071630
22'33'66'-HexaCB-(136)	ng/g	0.00636	0.00090	0.010	N/A	N/A	N/A	6071630
22'344'5-HexaCB-(137)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6071630
HexaCB-(139)+(140)	ng/g	<0.0014 (1)	0.0014	0.020	N/A	N/A	N/A	6071630
22'3455'-HexaCB-(141)	ng/g	0.0066	0.0013	0.010	N/A	N/A	N/A	6071630
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6071630
22'3466'-HexaCB-(145)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
22'34'55'-HexaCB-(146)	ng/g	0.0120	0.0012	0.010	N/A	N/A	N/A	6071630
HexaCB-(147)+(149)	ng/g	0.0312	0.0017	0.020	N/A	N/A	N/A	6071630
22'34'56'-HexaCB-(148)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'34'66'-HexaCB-(150)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
22'3566'-HexaCB-(152)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6071630
HexaCB-(153)+(168)	ng/g	0.0560	0.0010	0.010	N/A	N/A	N/A	6071630
22'44'56'-HexaCB-(154)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6071630
22'44'66'-HexaCB-(155)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6071630
HexaCB-(156)+(157)	ng/g	0.00671	0.00049	0.020	0.0000300	0.000000201	N/A	6071630
233'44'6-HexaCB-(158)	ng/g	0.00630	0.00090	0.010	N/A	N/A	N/A	6071630
233'455'-HexaCB-(159)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6071630
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
233'45'6-HexaCB-(161)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6071630
233'4'55'-HexaCB-(162)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6071630
233'4'5'6-HexaCB-(164)	ng/g	0.00667	0.00099	0.010	N/A	N/A	N/A	6071630
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
23'44'55'-HexaCB-(167)	ng/g	0.00272	0.00045	0.010	0.0000300	0.0000000816	N/A	6071630
33'44'55'-HexaCB-(169)	ng/g	<0.00048	0.00048	0.010	0.0300	0.0000144	N/A	6071630
22'33'44'5-HeptaCB-(170)	ng/g	<0.0027 (2)	0.0027	0.010	N/A	N/A	N/A	6071630
HeptaCB-(171)+(173)	ng/g	<0.0017 (1)	0.0017	0.020	N/A	N/A	N/A	6071630
22'33'455'-HeptaCB-(172)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6071630
22'33'456'-HeptaCB-(174)	ng/g	0.0028	0.0011	0.010	N/A	N/A	N/A	6071630
22'33'45'6-HeptaCB-(175)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
22'33'466'-HeptaCB-(176)	ng/g	<0.00070 (1)	0.00070	0.010	N/A	N/A	N/A	6071630
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6071630

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6071630
22'33'566'-HeptaCB-(179)	ng/g	0.00366	0.00050	0.010	N/A	N/A	N/A	6071630
HeptaCB-(180)+(193)	ng/g	0.0109	0.00084	0.020	N/A	N/A	N/A	6071630
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'344'56'-HeptaCB-(182)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6071630
22'344'5'6-HeptaCB-(183)	ng/g	0.0028	0.0011	0.010	N/A	N/A	N/A	6071630
22'344'66'-HeptaCB-(184)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6071630
22'3455'6-HeptaCB-(185)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6071630
22'34566'-HeptaCB-(186)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6071630
22'34'55'6-HeptaCB-(187)	ng/g	0.00891	0.00063	0.010	N/A	N/A	N/A	6071630
22'34'566'-HeptaCB-(188)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6071630
233'44'55'-HeptaCB-(189)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6071630
233'44'56-HeptaCB-(190)	ng/g	<0.00091 (1)	0.00091	0.010	N/A	N/A	N/A	6071630
233'44'5'6-HeptaCB-(191)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6071630
233'455'6-HeptaCB-(192)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6071630
22'33'44'55'-OctaCB-(194)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6071630
22'33'44'56'-OctaCB-(196)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6071630
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
OctaCB-(198)+(199)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6071630
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'55'66'-OctaCB-(202)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6071630
22'344'55'6-OctaCB-(203)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6071630
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6071630
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6071630

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6071630
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6071630
DecaCB-(209)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6071630
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000829	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	111	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'455'66'-NonaCB-(208)	%	97	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'344'55'-HeptaCB-(180)	%	95	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'44'66'-HexaCB-(155)	%	80	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6071630
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'44'-PentaCB-(105)	%	114	N/A	N/A	N/A	N/A	N/A	6071630
C13-233'55'-PentaCB-(111)	%	109	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6071630
C13-2344'5-PentaCB-(114)	%	101	N/A	N/A	N/A	N/A	N/A	6071630
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6071630
C13-2'344'5-PentaCB-(123)	%	108	N/A	N/A	N/A	N/A	N/A	6071630
C13-2-MonoCB-(1)	%	57	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ931						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	107	N/A	N/A	N/A	N/A	N/A	6071630
C13-33'44'-TetraCB-(77)	%	130	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'5-TetraCB-(81)	%	133	N/A	N/A	N/A	N/A	N/A	6071630
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6071630
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6071630
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6071630
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6071630
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6071630

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.0096	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.0096	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	0.0034	0.0020	0.0096	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	0.00194	0.00097	0.0096	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0030 (1)	0.0030	0.0096	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.00538	0.00076	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.00091	0.00091	0.0096	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0146	0.00026	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.00777	0.00028	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0028 (1)	0.0028	0.0096	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00028	0.00028	0.0096	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	0.00190	0.00027	0.0096	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.00350	0.00027	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00086 (1)	0.00086	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0114	0.00025	0.0096	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	0.00190	0.00061	0.0096	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00029	0.00029	0.0096	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00027	0.00027	0.0096	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00023	0.00023	0.0096	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.00279	0.00037	0.0096	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00025	0.00025	0.0096	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00025	0.00025	0.0096	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0178	0.00070	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0131	0.00087	0.0096	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0014 (1)	0.0014	0.0096	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0418	0.00066	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	0.00442	0.00072	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0017 (1)	0.0017	0.0096	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.00619	0.00068	0.0096	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0329	0.00063	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	0.00410	0.00069	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0684	0.00066	0.0096	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00085	0.00085	0.0096	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0184	0.00065	0.0096	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.00060	0.00060	0.0096	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.00060	0.00060	0.0096	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0036 (1)	0.0036	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.00606	0.00063	0.0096	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0689	0.00062	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.00146	0.00060	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0171	0.00056	0.0096	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0446	0.00059	0.0096	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.00056	0.00056	0.0096	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	0.00078	0.00057	0.0096	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0010 (1)	0.0010	0.0096	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.00356	0.00073	0.0096	0.000100	0.000000356	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.00134	0.00053	0.0096	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.00053	0.00053	0.0096	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.00072	0.00072	0.0096	0.000300	0.000000216	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0085 (1)	0.0085	0.0096	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0652	0.0010	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0175	0.0011	0.0096	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0151	0.00082	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0538	0.00087	0.058	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0127	0.0010	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0928	0.00086	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0231	0.0010	0.0096	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0036	0.0010	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0010	0.0010	0.0096	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0633	0.00098	0.0096	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	0.00041	0.00015	0.0096	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.00087	0.00087	0.0096	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00014	0.00014	0.0096	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0321	0.00060	0.0096	0.0000300	0.000000963	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00050	0.00050	0.0096	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.00622	0.00044	0.0096	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.00320	0.00051	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.111	0.00082	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.00068	0.00068	0.0096	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.00194	0.00059	0.0096	0.0000300	0.0000000582	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0809	0.00061	0.0096	0.0000300	0.00000243	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.00069	0.00069	0.0096	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.00118	0.00064	0.0096	0.0000300	0.0000000354	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.00057	0.00057	0.0096	0.100	0.0000570	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.00051	0.00051	0.0096	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0132	0.0015	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0916	0.0017	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0084	0.0019	0.0096	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0339	0.0018	0.0096	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0019 (1)	0.0019	0.0096	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0055 (1)	0.0055	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0309	0.00057	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0102	0.00043	0.0096	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0061	0.0017	0.0096	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0017 (1)	0.0017	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	<0.0083 (1)	0.0083	0.0096	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00368	0.00056	0.0096	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.00043	0.00043	0.0096	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0180	0.0015	0.0096	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0444	0.0022	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00044	0.00044	0.0096	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0748	0.0013	0.0096	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.00731	0.00068	0.019	0.0000300	0.000000219	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0075	0.0012	0.0096	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.00063	0.00063	0.0096	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.00059	0.00059	0.0096	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0058	0.0013	0.0096	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.00307	0.00063	0.0096	0.0000300	0.0000000921	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.00066	0.00066	0.0096	0.0300	0.0000198	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0049	0.0013	0.0096	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0019 (1)	0.0019	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0043	0.0016	0.0096	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.00048	0.00048	0.0096	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.00132	0.00038	0.0096	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0064 (1)	0.0064	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0035 (1)	0.0035	0.0096	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.00552	0.00037	0.0096	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0128	0.0013	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.00048	0.00048	0.0096	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0033	0.0017	0.0096	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.00039	0.00039	0.0096	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0130	0.00046	0.0096	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0096	0.0000300	0.0000000480	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000812	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	122	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ932						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	77	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00039	0.00039	0.0094	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00034	0.00034	0.0094	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00037	0.00037	0.0094	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	0.0039	0.0011	0.0094	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	0.0024	0.0013	0.0094	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	0.00260	0.00072	0.0094	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.00418	0.00065	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.00075	0.00075	0.0094	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0130	0.00061	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.00491	0.00065	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.00274	0.00064	0.0094	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00052	0.00052	0.0094	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0020 (1)	0.0020	0.0094	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.00349	0.00063	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00051	0.00051	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0101	0.00059	0.0094	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	0.00151	0.00050	0.0094	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00054	0.00054	0.0094	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	<0.0023 (1)	0.0023	0.0094	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0150	0.00072	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0109	0.00087	0.0094	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0388	0.00069	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	0.00386	0.00077	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0013 (1)	0.0013	0.0094	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0046 (1)	0.0046	0.0094	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0262	0.00063	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	0.00373	0.00074	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0589	0.00072	0.0094	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00045	0.00045	0.0094	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.00098	0.00098	0.0094	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0159	0.0011	0.0094	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.00380	0.00054	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0060	0.0011	0.0094	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0630	0.00098	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0011 (1)	0.0011	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0159	0.00057	0.0094	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0372	0.00098	0.0094	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.0094	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.00097	0.00097	0.0094	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.00049	0.00049	0.0094	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0031	0.0011	0.0094	0.000100	0.000000310	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.00095	0.00095	0.0094	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.00088	0.00088	0.0094	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.00087	0.00087	0.0094	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0094	0.000300	0.000000330	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0078	0.0017	0.0094	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0580	0.0016	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0195	0.0017	0.0094	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0129	0.0012	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0442	0.0013	0.056	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0126	0.0015	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0816	0.0013	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0246	0.0016	0.0094	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0039	0.0016	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0632	0.0015	0.0094	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00051 (1)	0.00051	0.0094	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00024	0.00024	0.0094	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0245	0.00099	0.0094	0.0000300	0.000000735	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.0094	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.00543	0.00088	0.0094	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0025	0.0010	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0874	0.0012	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.00096	0.00096	0.0094	0.0000300	0.0000000288	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0631	0.0010	0.0094	0.0000300	0.00000189	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.00098	0.00098	0.0094	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.0094	0.0000300	0.0000000330	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.00093	0.00093	0.0094	0.100	0.0000930	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.0094	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	<0.0087 (1)	0.0087	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0591	0.0013	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0050 (1)	0.0050	0.0094	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0174	0.0016	0.0094	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0036	0.0019	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0169	0.00064	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.00605	0.00052	0.0094	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0044	0.0015	0.0094	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0051	0.0014	0.0094	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00195	0.00064	0.0094	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.00053	0.00053	0.0094	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0102	0.0013	0.0094	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0367	0.0016	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.00062	0.00062	0.0094	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00049	0.00049	0.0094	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00050	0.00050	0.0094	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0456	0.0011	0.0094	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.00056	0.00056	0.0094	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00051	0.00051	0.0094	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.00596	0.00055	0.019	0.0000300	0.000000179	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.00509	0.00097	0.0094	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.00052	0.00052	0.0094	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.00055	0.00055	0.0094	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.00393	0.00097	0.0094	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0023 (1)	0.0023	0.0094	0.0000300	0.0000000690	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.00054	0.00054	0.0094	0.0300	0.0000162	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.00304	0.00082	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0024	0.0011	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0042	0.0011	0.0094	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.00071	0.00071	0.0094	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.00077 (1)	0.00077	0.0094	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0068	0.0012	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0025 (1)	0.0025	0.0094	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	<0.0030 (1)	0.0030	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0105	0.00084	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.00071	0.00071	0.0094	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0055	0.0011	0.0094	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00053	0.00053	0.0094	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0115	0.00066	0.0094	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0094	0.0000300	0.0000000390	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.00081	0.00081	0.0094	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.00080	0.00080	0.0094	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.00085	0.00085	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.00081	0.00081	0.0094	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0025 (1)	0.0025	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.00084	0.00084	0.0094	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.00084	0.00084	0.0094	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.00105	0.00095	0.0094	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.00085	0.00085	0.0094	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000113	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	108	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	64	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ933						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00055	0.00055	0.0095	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0095	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	0.0033	0.0023	0.0095	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0037	0.0019	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.00973	0.00072	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0038 (1)	0.0038	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0021 (1)	0.0021	0.0095	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.0095	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	0.00108	0.00071	0.0095	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.00257	0.00074	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00817	0.00070	0.0095	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0095	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00072	0.00072	0.0095	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00064	0.00064	0.0095	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.00208	0.00093	0.0095	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0137	0.0019	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0088	0.0023	0.0095	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0324	0.0018	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0025 (1)	0.0025	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0039	0.0019	0.0095	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0221	0.0016	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	0.0030	0.0019	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0506	0.0019	0.0095	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0137	0.0019	0.0095	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0023 (1)	0.0023	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0052	0.0019	0.0095	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0549	0.0018	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0117	0.0015	0.0095	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0330	0.0018	0.0095	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0031	0.0020	0.0095	0.000100	0.000000310	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0095	0.000300	0.000000600	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0081	0.0016	0.0095	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0558	0.0015	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0168	0.0016	0.0095	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0128	0.0011	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0440	0.0012	0.057	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0108	0.0014	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0788	0.0012	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0255	0.0015	0.0095	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0042	0.0015	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0557	0.0014	0.0095	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0256	0.0017	0.0095	0.0000300	0.000000768	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0054 (1)	0.0054	0.0095	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0031	0.0017	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0929	0.0012	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.00096	0.00096	0.0095	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.00097	0.00097	0.0095	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0016	0.0016	0.0095	0.0000300	0.0000000480	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0644	0.0017	0.0095	0.0000300	0.00000193	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.00099	0.00099	0.0095	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.0095	0.0000300	0.0000000540	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0095	0.100	0.000160	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0101	0.0014	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0623	0.0016	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0068	0.0019	0.0095	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0191	0.0019	0.0095	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0040 (1)	0.0040	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0200	0.0011	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.00768	0.00087	0.0095	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0039 (1)	0.0039	0.0095	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0052	0.0017	0.0095	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	0.0028	0.0011	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00089	0.00089	0.0095	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0116	0.0016	0.0095	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0422	0.0019	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00082	0.00082	0.0095	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0514	0.0013	0.0095	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.00093	0.00093	0.0095	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0062	0.0012	0.019	0.0000300	0.000000186	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0058	0.0012	0.0095	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0039 (1)	0.0039	0.0095	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0031	0.0011	0.0095	0.0000300	0.0000000930	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.0095	0.0300	0.0000360	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0069	0.0041	0.0095	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0039	0.0014	0.0095	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00444	0.00098	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	<0.010 (1)	0.010	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0051	0.0037	0.0095	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00093	0.00093	0.0095	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0118	0.0012	0.0095	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0095	0.0000300	0.0000000390	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0095	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000200	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	78	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ934						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	78	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00062	0.00062	0.0094	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00054	0.00054	0.0094	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.00096	0.00096	0.0094	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0035 (1)	0.0035	0.0094	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.00099	0.00099	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.00098	0.00098	0.0094	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0015 (1)	0.0015	0.0094	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0049	0.0013	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0111	0.00067	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.00528	0.00071	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.00266	0.00070	0.0094	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00073	0.00073	0.0094	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.00066	0.00066	0.0094	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0025 (1)	0.0025	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00909	0.00065	0.0094	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0014 (1)	0.0014	0.0094	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00069	0.00069	0.0094	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00059	0.00059	0.0094	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	<0.0021 (1)	0.0021	0.0094	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0168	0.0015	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0105	0.0018	0.0094	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0022	0.0022	0.0094	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0378	0.0014	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	0.0034	0.0016	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0048	0.0015	0.0094	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0243	0.0013	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0029 (1)	0.0029	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0598	0.0015	0.0094	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00077	0.00077	0.0094	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0146	0.0014	0.0094	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0034	0.0011	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0066	0.0014	0.0094	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0636	0.0013	0.037	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0145	0.0012	0.0094	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0377	0.0013	0.0094	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0021 (1)	0.0021	0.0094	0.000100	0.000000210	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.0094	0.000300	0.000000420	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0069	0.0016	0.0094	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0607	0.0016	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0177	0.0017	0.0094	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	<0.011 (1)	0.011	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0448	0.0012	0.056	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0132	0.0014	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0837	0.0013	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0257	0.0016	0.0094	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0041 (1)	0.0041	0.037	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0643	0.0014	0.0094	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00039	0.00039	0.0094	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00039	0.00039	0.0094	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0274	0.0010	0.0094	0.0000300	0.000000822	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00095	0.00095	0.0094	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.00512	0.00089	0.0094	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0029	0.0010	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0938	0.0012	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.00098	0.00098	0.0094	0.0000300	0.0000000294	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0637	0.0010	0.0094	0.0000300	0.00000191	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0014	0.0011	0.0094	0.0000300	0.0000000420	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.00095	0.00095	0.0094	0.100	0.0000950	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.00089	0.00089	0.0094	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0110	0.0016	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0652	0.0018	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0060	0.0022	0.0094	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0207	0.0022	0.0094	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0047	0.0026	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0232	0.0013	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0085	0.0010	0.0094	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0048 (1)	0.0048	0.0094	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0064	0.0020	0.0094	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0128	0.0018	0.0094	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0455	0.0022	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00096	0.00096	0.0094	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00098	0.00098	0.0094	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0512	0.0016	0.0094	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0067	0.0013	0.019	0.0000300	0.000000201	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.0062 (1)	0.0062	0.0094	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0047	0.0014	0.0094	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0027 (1)	0.0027	0.0094	0.0000300	0.0000000810	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0094	0.0300	0.0000390	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0027 (1)	0.0027	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0025	0.0015	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0040 (1)	0.0040	0.0094	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.00086	0.00086	0.0094	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.00108	0.00070	0.0094	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0063 (1)	0.0063	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00434	0.00094	0.0094	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	<0.0034 (1)	0.0034	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0117	0.0011	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.00085	0.00085	0.0094	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0046	0.0014	0.0094	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0118	0.00080	0.0094	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.00082	0.00082	0.0094	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.0094	0.0000300	0.0000000510	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0030	0.0022	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000138	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	127	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	123	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6076141

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ935						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00038	0.00038	0.0092	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00033	0.00033	0.0092	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00036	0.00036	0.0092	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0092	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0027	0.0027	0.0092	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0028	0.0028	0.0092	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0025	0.0025	0.0092	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0026	0.0026	0.0092	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0027	0.0027	0.0092	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0092	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	0.0070	0.0027	0.0092	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0026	0.0026	0.018	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0026	0.0026	0.0092	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0092	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0018 (1)	0.0018	0.0092	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	0.00247	0.00087	0.0092	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.00435	0.00079	0.018	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.00092	0.00092	0.0092	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0110	0.00097	0.018	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.0053	0.0010	0.018	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0031	0.0010	0.0092	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0092	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00064	0.00064	0.0092	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.00097	0.00097	0.0092	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.0028	0.0010	0.018	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00063	0.00063	0.0092	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00878	0.00095	0.0092	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0012 (1)	0.0012	0.0092	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0092	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00097	0.00097	0.0092	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.0092	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0020	0.0013	0.0092	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00093	0.00093	0.0092	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.0092	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.013 (1)	0.013	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0096	0.0016	0.0092	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0092	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0331	0.0012	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0028 (1)	0.0028	0.018	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0044 (1)	0.0044	0.0092	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0223	0.0011	0.018	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0025 (1)	0.0025	0.018	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0530	0.0013	0.0092	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00091	0.00091	0.0092	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0092	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0134	0.0015	0.0092	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0092	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.00318	0.00096	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	<0.0051 (1)	0.0051	0.0092	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0544	0.0014	0.037	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0092	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0144	0.0010	0.0092	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0342	0.0014	0.0092	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0092	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0092	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0092	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.00088	0.00088	0.0092	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0016	0.0016	0.0092	0.000100	0.000000160	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0092	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0092	0.000300	0.000000480	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0073	0.0035	0.0092	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0534	0.0034	0.018	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0170	0.0036	0.0092	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0120	0.0025	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0412	0.0026	0.055	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0118	0.0031	0.018	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0092	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0759	0.0027	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0194	0.0034	0.0092	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.037	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0092	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0566	0.0031	0.0092	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0092	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0092	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0092	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0226	0.0010	0.0092	0.0000300	0.000000678	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.00099	0.00099	0.0092	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.00418	0.00093	0.0092	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.018	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0894	0.0026	0.018	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0092	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0092	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0010	0.0010	0.0092	0.0000300	0.0000000300	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0627	0.0011	0.0092	0.0000300	0.00000188	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0092	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0092	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.0092	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.0092	0.0000300	0.0000000330	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.00098	0.00098	0.0092	0.100	0.0000980	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.00093	0.00093	0.0092	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0097	0.0019	0.018	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0593	0.0021	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0049	0.0026	0.0092	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0092	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0166	0.0025	0.0092	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0024	0.0024	0.0092	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0030	0.0030	0.018	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0195	0.0015	0.018	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.0061 (1)	0.0061	0.0092	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0032	0.0025	0.0092	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.018	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0051	0.0023	0.0092	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.0092	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0107	0.0021	0.0092	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0460	0.0025	0.018	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.0092	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0092	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0453	0.0018	0.0092	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0092	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0066	0.0013	0.018	0.0000300	0.000000198	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.0037 (1)	0.0037	0.0092	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0092	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0092	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0035	0.0016	0.0092	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.0092	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0028	0.0012	0.0092	0.0000300	0.0000000840	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0092	0.0300	0.0000390	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0029	0.0018	0.0092	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0025 (1)	0.0025	0.018	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0024	0.0024	0.0092	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0041	0.0024	0.0092	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0063	0.0026	0.0092	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	<0.0017	0.0017	0.0092	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0038	0.0012	0.0092	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0110	0.0019	0.018	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0023	0.0023	0.0092	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0032	0.0024	0.0092	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0092	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0092	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.0092	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0106	0.0014	0.0092	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0092	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.0092	0.0000300	0.0000000780	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0018	0.0018	0.0092	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0018	0.0018	0.0092	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.0092	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0032	0.0032	0.0092	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0035	0.0035	0.0092	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0028	0.0028	0.0092	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.0092	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0028	0.0028	0.018	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0092	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0021	0.0021	0.0092	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0023	0.0023	0.0092	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0026	0.0026	0.0092	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.0092	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.0092	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0092	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0092	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0092	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0018	0.0018	0.0092	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000141	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	79	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ936						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-CLAMS C15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	115	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00026 (1)	0.00026	0.010	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00017	0.00017	0.010	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	0.00031	0.00016	0.010	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00019	0.00019	0.010	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	0.00050	0.00019	0.010	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00018	0.00018	0.010	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00018	0.00018	0.010	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00210	0.00019	0.010	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00020	0.00020	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00019	0.00019	0.010	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	0.00048	0.00040	0.010	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	0.00037	0.00035	0.010	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00131	0.00028	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.00635	0.00021	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00036	0.00020	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00081	0.00021	0.010	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00021	0.00021	0.010	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	0.00045	0.00020	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00363	0.00018	0.010	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00017	0.00017	0.010	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00047	0.00024	0.010	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00095	0.00029	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00145	0.00038	0.010	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00831	0.00027	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00029	0.00029	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	0.00038	0.00030	0.010	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00498	0.00025	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00028	0.00028	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0147	0.00029	0.010	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00017	0.00017	0.010	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00079	0.00025	0.010	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	0.00060	0.00021	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00307	0.00028	0.010	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0183	0.00026	0.040	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.00054 (1)	0.00054	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.00348	0.00023	0.010	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.00997	0.00024	0.010	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	0.00046	0.00025	0.010	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00021	0.00021	0.010	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00051	0.00031	0.010	0.000100	0.0000000510	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00031	0.00031	0.010	0.000300	0.0000000930	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00063 (1)	0.00063	0.010	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0348	0.00040	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00229	0.00045	0.010	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00759	0.00032	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0116	0.00033	0.060	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00229	0.00039	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0368	0.00033	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00708	0.00040	0.010	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00039	0.00039	0.040	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0127	0.00037	0.010	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.000074	0.000074	0.010	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.000039	0.000039	0.010	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0115	0.00026	0.010	0.0000300	0.000000345	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.00281	0.00023	0.010	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	0.00063	0.00025	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0207	0.00030	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	0.00081	0.00026	0.010	0.0000300	0.0000000243	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0297	0.00026	0.010	0.0000300	0.000000891	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	0.00049	0.00029	0.010	0.0000300	0.0000000147	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00025	0.00025	0.010	0.100	0.0000250	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00774	0.00035	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0653	0.00037	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.00231	0.00045	0.010	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00508	0.00047	0.010	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	0.00158	0.00042	0.010	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	0.00108	0.00048	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00149	0.00050	0.010	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.00222	0.00046	0.010	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	0.00093	0.00041	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.00342	0.00042	0.010	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.00145	0.00065	0.010	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.0112	0.00036	0.010	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0254	0.00041	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0763	0.00032	0.010	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	0.00117	0.00059	0.010	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.00278	0.00043	0.020	0.0000300	0.0000000834	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00338	0.00029	0.010	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	0.00206	0.00030	0.010	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00032	0.00032	0.010	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.00127	0.00040	0.010	0.0000300	0.0000000381	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00043	0.00043	0.010	0.0300	0.0000129	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00306	0.00028	0.010	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.00185	0.00038	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	0.00085	0.00038	0.010	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00227	0.00038	0.010	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	0.00054	0.00044	0.010	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.00274	0.00038	0.010	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	0.00312	0.00058	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00260	0.00040	0.010	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.0119	0.00033	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.00309	0.00030	0.010	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	0.00169	0.00042	0.010	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.0165	0.00054	0.010	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00033	0.00033	0.010	0.0000300	0.0000000099	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00073 (1)	0.00073	0.010	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	0.00102	0.00073	0.010	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	0.00083	0.00065	0.010	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	0.00193	0.00068	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	0.00078	0.00049	0.010	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	0.00114	0.00040	0.010	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	0.00120	0.00063	0.010	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000395	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	116	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	119	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	124	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	116	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	98	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	105	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	72	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ937						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	135	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00039	0.00022	0.0095	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00022	0.00022	0.0095	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00036 (1)	0.00036	0.0095	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00035	0.00035	0.0095	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00017	0.00017	0.0095	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00017	0.00017	0.0095	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00017	0.00017	0.0095	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.00031 (1)	0.00031	0.0095	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00016	0.00016	0.0095	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00220	0.00017	0.0095	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00017	0.00017	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00016	0.00016	0.0095	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	0.00032	0.00021	0.0095	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.00053 (1)	0.00053	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.00452	0.00025	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00027	0.00024	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00067	0.00026	0.0095	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00024	0.00024	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00023	0.00023	0.0095	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.00310	0.00022	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00022	0.00022	0.0095	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00021	0.00021	0.0095	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00051	0.00029	0.0095	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00037	0.00029	0.029	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00063	0.00038	0.0095	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00321	0.00027	0.029	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00029	0.00029	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00223	0.00025	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00028	0.00028	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.00597	0.00029	0.0095	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00015	0.00015	0.0095	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00042	0.00026	0.0095	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.00021	0.00021	0.029	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00152	0.00029	0.0095	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0104	0.00027	0.038	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.00183	0.00023	0.0095	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.00574	0.00024	0.0095	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00023	0.00023	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00021	0.00021	0.0095	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.00032	0.00032	0.0095	0.000100	0.0000000320	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00022	0.00022	0.0095	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00031	0.00031	0.0095	0.000300	0.0000000930	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.00909	0.00027	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.00072 (1)	0.00072	0.0095	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00213	0.00021	0.029	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00464	0.00022	0.057	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00066	0.00026	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00027	0.00027	0.0095	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0113	0.00022	0.029	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00236	0.00026	0.0095	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00026	0.00026	0.038	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.00473	0.00025	0.0095	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00016	0.00016	0.0095	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.000084	0.000084	0.0095	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.00297	0.00021	0.0095	0.0000300	0.0000000891	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00020	0.00020	0.0095	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.00080	0.00018	0.0095	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	0.00031	0.00020	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.00728	0.00020	0.019	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00019	0.00019	0.0095	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00021	0.00021	0.0095	0.0000300	0.00000000630	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.00860	0.00020	0.0095	0.0000300	0.000000258	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00020	0.00020	0.0095	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00021	0.00021	0.0095	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00023	0.00023	0.0095	0.0000300	0.00000000690	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00020	0.00020	0.0095	0.100	0.0000200	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00213	0.00028	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0148	0.00029	0.029	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.00044 (1)	0.00044	0.0095	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.00040	0.00040	0.0095	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00222	0.00037	0.0095	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.00033	0.00033	0.0095	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.00037	0.00037	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.00480	0.00055	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.00057 (1)	0.00057	0.0095	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.00046 (1)	0.00046	0.0095	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.00032	0.00032	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	<0.00079 (1)	0.00079	0.0095	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00035	0.00035	0.0095	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.00291	0.00028	0.0095	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.00952	0.00032	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0157	0.00025	0.0095	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.00047	0.00047	0.0095	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00023	0.00023	0.0095	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.00062	0.00030	0.019	0.0000300	0.0000000186	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00080	0.00022	0.0095	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00027	0.00027	0.0095	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.00039 (1)	0.00039	0.0095	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.00028	0.00028	0.0095	0.0000300	0.00000000840	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00030	0.00030	0.0095	0.0300	0.00000900	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00074	0.00025	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.00043 (1)	0.00043	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00097	0.00035	0.0095	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00023	0.00023	0.0095	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.00065 (1)	0.00065	0.0095	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.00064 (1)	0.00064	0.0095	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	0.00078	0.00016	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.00226	0.00030	0.019	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.00048	0.00027	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.00017	0.00017	0.0095	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	0.00042	0.00038	0.0095	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00019	0.00019	0.0095	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.00388	0.00022	0.0095	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00014	0.00014	0.0095	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00047	0.00047	0.0095	0.0000300	0.0000000141	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.00040	0.00040	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00036	0.00036	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.00035	0.00035	0.0095	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.00049	0.00049	0.0095	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000295	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	114	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	124	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	134	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	96	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	79	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	107	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	136	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00030 (1)	0.00030	0.0098	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00020	0.00020	0.0098	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00020	0.00020	0.0098	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	0.00059	0.00019	0.0098	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00018	0.00018	0.0098	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00248	0.00019	0.0098	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00020	0.00020	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	0.00028	0.00025	0.0098	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.00064 (1)	0.00064	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.00503	0.00039	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00048	0.00038	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00082	0.00040	0.0098	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00037	0.00037	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887

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N/A = Not Applicable
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00295	0.00034	0.0098	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00053	0.00045	0.0098	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00050	0.00041	0.029	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00074	0.00054	0.0098	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00052	0.00052	0.0098	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00348	0.00038	0.029	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00042	0.00042	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00049	0.00049	0.0098	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00205	0.00036	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00040	0.00040	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.00584	0.00041	0.0098	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00013	0.00013	0.0098	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00051	0.00030	0.0098	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.00030	0.00030	0.029	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00157	0.00033	0.0098	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0100	0.00031	0.039	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.00029	0.00029	0.0098	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.00179	0.00033	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00520	0.00028	0.0098	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	0.00032	0.00029	0.0098	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00029	0.00029	0.0098	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00029	0.00029	0.0098	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.00037	0.00037	0.0098	0.000100	0.0000000370	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00037	0.00037	0.0098	0.000300	0.000000111	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.00953	0.00025	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00088	0.00028	0.0098	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00208	0.00020	0.029	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00459	0.00021	0.059	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	<0.00061 (1)	0.00061	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0114	0.00021	0.029	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00219	0.00025	0.0098	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00025	0.00025	0.039	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.00516	0.00023	0.0098	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00016	0.00016	0.0098	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00022	0.00022	0.0098	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.000083	0.000083	0.0098	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.00282	0.00027	0.0098	0.0000300	0.0000000846	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.00078	0.00024	0.0098	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.00026	0.00026	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.00661	0.00019	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00017	0.00017	0.0098	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00018	0.00018	0.0098	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00027	0.00027	0.0098	0.0000300	0.00000000810	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.00800	0.00027	0.0098	0.0000300	0.000000240	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00016	0.00016	0.0098	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00031	0.00031	0.0098	0.0000300	0.00000000930	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00026	0.00026	0.0098	0.100	0.0000260	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00024	0.00024	0.0098	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00174	0.00035	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0143	0.00037	0.029	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.00069	0.00044	0.0098	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00195	0.00047	0.0098	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.00047	0.00047	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.00445	0.00045	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.00054 (1)	0.00054	0.0098	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.00040	0.00040	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.00101	0.00042	0.0098	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.00265	0.00036	0.0098	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.00864	0.00040	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0166	0.00032	0.0098	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.00066	0.00027	0.020	0.0000300	0.0000000198	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00078	0.00029	0.0098	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00031	0.00031	0.0098	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.00038 (1)	0.00038	0.0098	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00031	0.00031	0.0098	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.00040	0.00025	0.0098	0.0000300	0.0000000120	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00027	0.00027	0.0098	0.0300	0.00000810	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00056	0.00032	0.0098	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.00044	0.00043	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.00070 (1)	0.00070	0.0098	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00048	0.00048	0.0098	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.00086	0.00043	0.0098	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.00049	0.00049	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00076	0.00034	0.0098	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.00202	0.00037	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00048	0.00048	0.0098	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.00042	0.00034	0.0098	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	0.00052	0.00047	0.0098	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.00374	0.00046	0.0098	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00060	0.00060	0.0098	0.0000300	0.0000000180	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.00052	0.00052	0.0098	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.00054	0.00054	0.0098	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.00062	0.00062	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.00058	0.00058	0.0098	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000346	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	129	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	133	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	135	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	129	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	106	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ939						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C02 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	5968887

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00035 (1)	0.00035	0.0095	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00021 (1)	0.00021	0.0095	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	0.00042	0.00017	0.0095	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	0.00055	0.00035	0.0095	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00190	0.00036	0.0095	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00038	0.00038	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00035	0.00035	0.0095	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00047	0.00047	0.0095	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.00075	0.00075	0.0095	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00089	0.00061	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00066	0.00066	0.0095	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.00494	0.00041	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00062	0.00040	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00070	0.00042	0.0095	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00057	0.00057	0.0095	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00039	0.00039	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	5968887

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00324	0.00036	0.0095	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00040	0.00040	0.0095	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00062	0.00048	0.0095	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00066	0.00052	0.028	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00067	0.00067	0.0095	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00374	0.00048	0.028	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00053	0.00053	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00062	0.00062	0.0095	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00188	0.00046	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00051	0.00051	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.00635	0.00052	0.0095	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00035	0.00035	0.0095	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00057	0.00031	0.0095	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00031	0.00031	0.0095	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.00038	0.00038	0.028	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00151	0.00034	0.0095	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0106	0.00032	0.038	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	0.00043	0.00030	0.0095	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.00146	0.00042	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00579	0.00029	0.0095	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00058	0.00038	0.0095	0.000100	0.0000000580	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00031	0.00031	0.0095	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00027	0.00027	0.0095	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00038	0.00038	0.0095	0.000300	0.000000114	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00045	0.00045	0.0095	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0140	0.00043	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00082	0.00048	0.0095	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00302	0.00034	0.028	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00488	0.00036	0.057	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00067	0.00041	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00044	0.00044	0.0095	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0160	0.00036	0.028	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00236	0.00042	0.0095	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00042	0.00042	0.038	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00046	0.00046	0.0095	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.00372	0.00040	0.0095	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00023	0.00023	0.0095	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00012	0.00012	0.0095	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.00333	0.00051	0.0095	0.0000300	0.000000100	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00049	0.00049	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.00070 (1)	0.00070	0.0095	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.00048	0.00048	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.00821	0.00032	0.019	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00031	0.00031	0.0095	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00051	0.00051	0.0095	0.0000300	0.0000000153	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0124	0.00049	0.0095	0.0000300	0.000000372	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00032	0.00032	0.0095	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00051	0.00051	0.0095	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00057	0.00057	0.0095	0.0000300	0.0000000171	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00048	0.00048	0.0095	0.100	0.0000480	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00045	0.00045	0.0095	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00307	0.00088	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0221	0.00093	0.028	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.0019	0.0012	0.0095	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.0012	0.0012	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.00485	0.00039	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00078	0.00028	0.0095	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.0010	0.0010	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.0017	0.0010	0.0095	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.00037	0.00037	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00030	0.00030	0.0095	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	<0.0034 (1)	0.0034	0.0095	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0124	0.0010	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00029	0.00029	0.0095	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00028	0.00028	0.0095	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0264	0.00080	0.0095	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.00033	0.00033	0.0095	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00017	0.00017	0.0095	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	<0.0011 (1)	0.0011	0.019	0.0000300	0.0000000330	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00093	0.00072	0.0095	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00031	0.00031	0.0095	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00087	0.00087	0.0095	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00078	0.00078	0.0095	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00032	0.00032	0.0095	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.00074	0.00074	0.0095	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00079	0.00079	0.0095	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.00030	0.00030	0.0095	0.0000300	0.00000000900	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00032	0.00032	0.0095	0.0300	0.00000960	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00092	0.00038	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.00073	0.00053	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00108	0.00053	0.0095	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.00078 (1)	0.00078	0.0095	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.00054	0.00054	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00108	0.00037	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.00353	0.00045	0.019	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00051	0.00051	0.0095	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	<0.0010 (1)	0.0010	0.0095	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.00057	0.00057	0.0095	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.00642	0.00050	0.0095	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00032	0.00032	0.0095	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00079	0.00079	0.0095	0.0000300	0.0000000237	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00039	0.00039	0.0095	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00099	0.00099	0.0095	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.00085	0.00085	0.0095	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00099	0.00099	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000583	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	123	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	96	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	79	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	79	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	73	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ941						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	87	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	93	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	140	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	66	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00029	0.00029	0.0097	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00029	0.00029	0.0097	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00043 (1)	0.00043	0.0097	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00050	0.00050	0.0097	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	0.00080	0.00047	0.0097	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00045	0.00045	0.0097	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	<0.0018 (1)	0.0018	0.0097	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00050	0.00050	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00047	0.00047	0.0097	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00062	0.00062	0.0097	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00370	0.00095	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0179	0.00062	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00064	0.00060	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	<0.0018 (1)	0.0018	0.0097	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00065	0.00065	0.0097	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00088	0.00088	0.0097	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00063	0.00063	0.0097	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00081 (1)	0.00081	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0107	0.00054	0.0097	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00074	0.00074	0.0097	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00060	0.00060	0.0097	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00061	0.00061	0.0097	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00052	0.00052	0.0097	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00125	0.00072	0.0097	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00059	0.00059	0.0097	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00059	0.00059	0.0097	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00293	0.00067	0.029	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00489	0.00089	0.0097	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00086	0.00086	0.0097	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0368	0.00062	0.029	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00069	0.00069	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	0.00161	0.00069	0.0097	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0240	0.00059	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00066	0.00066	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0773	0.00067	0.0097	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00030	0.00030	0.0097	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00074	0.00074	0.0097	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00228	0.00065	0.0097	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00065	0.00065	0.0097	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00072	0.00072	0.0097	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	0.00219	0.00050	0.029	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.0100	0.00072	0.0097	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0719	0.00067	0.039	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	0.00308	0.00062	0.0097	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.0126	0.00054	0.0097	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0307	0.00061	0.0097	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00059	0.00059	0.0097	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	0.00199	0.00063	0.0097	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	0.00123	0.00063	0.0097	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00048	0.00048	0.0097	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00184	0.00080	0.0097	0.000100	0.000000184	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00065	0.00065	0.0097	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00056	0.00056	0.0097	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00059	0.00059	0.0097	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00079	0.00079	0.0097	0.000300	0.000000237	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0019 (1)	0.0019	0.0097	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.185	0.00078	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00766	0.00088	0.0097	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0380	0.00062	0.029	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0550	0.00066	0.058	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00898	0.00076	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.194	0.00066	0.029	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0409	0.00078	0.0097	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00177	0.00077	0.039	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00085	0.00085	0.0097	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0554	0.00073	0.0097	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00020	0.00020	0.0097	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0011 (1)	0.0011	0.0097	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00011	0.00011	0.0097	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0483	0.00054	0.0097	0.0000300	0.00000145	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00052	0.00052	0.0097	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0177	0.00046	0.0097	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	0.00442	0.00051	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0962	0.00059	0.019	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	0.00061	0.00055	0.0097	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00057	0.00057	0.0097	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	0.00309	0.00053	0.0097	0.0000300	0.0000000927	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.161	0.00052	0.0097	0.0000300	0.00000483	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00052	0.00052	0.0097	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00059	0.00059	0.0097	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00054	0.00054	0.0097	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	0.00130	0.00060	0.0097	0.0000300	0.0000000390	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00050	0.00050	0.0097	0.100	0.0000500	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00047	0.00047	0.0097	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.0374	0.00080	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.387	0.00084	0.029	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.0152	0.0010	0.0097	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.0227	0.0011	0.0097	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	0.00964	0.00095	0.0097	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	0.0034	0.0011	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.0830	0.0010	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00681	0.00076	0.0097	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.0173	0.0010	0.0097	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	0.00417	0.00092	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.0247	0.00095	0.0097	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	0.00540	0.00099	0.0097	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968887

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0756	0.00082	0.0097	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.112	0.00092	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00075	0.00075	0.0097	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.479	0.00073	0.0097	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	0.00721	0.00089	0.0097	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	0.00118	0.00044	0.0097	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.0180	0.00071	0.019	0.0000300	0.000000540	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.0163	0.00065	0.0097	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00068	0.00068	0.0097	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00071	0.00071	0.0097	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0018 (1)	0.0018	0.0097	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	0.00729	0.00067	0.0097	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00072	0.00072	0.0097	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.00846	0.00067	0.0097	0.0000300	0.000000254	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00072	0.00072	0.0097	0.0300	0.0000216	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.0165	0.00078	0.0097	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.0074	0.0011	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.0057 (1)	0.0057	0.0097	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.0119	0.0011	0.0097	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.0017 (1)	0.0017	0.0097	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.0131	0.0011	0.0097	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	0.0218	0.0014	0.0097	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	0.0121	0.00099	0.0097	N/A	N/A	N/A	5968887

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0695	0.00091	0.019	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.0195	0.00084	0.0097	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	0.0015	0.0011	0.0097	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.101	0.0013	0.0097	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.0097	0.0000300	0.0000000330	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	0.00435	0.00078	0.0097	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	0.0052	0.0010	0.0097	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0014 (1)	0.0014	0.0097	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	0.0052	0.0012	0.0097	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	0.0097	0.0012	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00083	0.00083	0.0097	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.0019 (1)	0.0019	0.0097	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	0.00533	0.00072	0.0097	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	0.0068	0.0011	0.0097	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00088	0.00088	0.0097	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00090	0.00090	0.0097	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	0.00204	0.00093	0.0097	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.00084	0.00084	0.0097	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.00091	0.00091	0.0097	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000793	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	114	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	112	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	117	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	120	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	113	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	73	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	78	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ942						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	130	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051 (1)	0.00051	0.0099	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00028	0.00028	0.0099	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00045 (1)	0.00045	0.0099	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.00083 (1)	0.00083	0.0099	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00224	0.00044	0.0099	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00046	0.00046	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00145	0.00059	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0115	0.00035	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.00066 (1)	0.00066	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00126	0.00036	0.0099	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00033	0.00033	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00668	0.00031	0.0099	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00105	0.00040	0.0099	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00113	0.00051	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.00094 (1)	0.00094	0.0099	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00750	0.00047	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00052	0.00052	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00406	0.00045	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00049	0.00049	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0120	0.00051	0.0099	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00107	0.00030	0.0099	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.00050 (1)	0.00050	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00384	0.00033	0.0099	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0242	0.00031	0.039	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	0.00063	0.00028	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0135	0.00028	0.0099	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00027	0.00027	0.0099	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00072	0.00037	0.0099	0.000100	0.0000000720	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00026	0.00026	0.0099	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00027	0.00027	0.0099	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00036	0.00036	0.0099	0.000300	0.000000108	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0272	0.00038	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00198	0.00043	0.0099	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00583	0.00030	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00925	0.00032	0.059	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00175	0.00037	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0256	0.00032	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00451	0.00038	0.0099	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00037	0.00037	0.039	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.00935	0.00035	0.0099	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00019	0.00019	0.0099	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00010	0.00010	0.0099	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.00903	0.00042	0.0099	0.0000300	0.000000271	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.00183	0.00036	0.0099	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.00040	0.00040	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0154	0.00029	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00027	0.00027	0.0099	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00028	0.00028	0.0099	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00070 (1)	0.00070	0.0099	0.0000300	0.0000000210	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0232	0.00041	0.0099	0.0000300	0.000000696	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00025	0.00025	0.0099	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00047	0.00047	0.0099	0.0000300	0.0000000141	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00039	0.00039	0.0099	0.100	0.0000390	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00487	0.00073	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0399	0.00077	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.00149	0.00092	0.0099	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00431	0.00097	0.0099	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	0.00107	0.00086	0.0099	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.00098	0.00098	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.00978	0.00081	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00140	0.00059	0.0099	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.00130	0.00094	0.0099	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.00204	0.00086	0.0099	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.00750	0.00074	0.0099	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0194	0.00084	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0452	0.00066	0.0099	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	<0.0017 (1)	0.0017	0.020	0.0000300	0.0000000510	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00216	0.00059	0.0099	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00031	0.00031	0.0099	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	0.00134	0.00061	0.0099	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.00078 (1)	0.00078	0.0099	0.0000300	0.0000000234	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00032	0.00032	0.0099	0.0300	0.00000960	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00169	0.00037	0.0099	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.00097	0.00050	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00142	0.00050	0.0099	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.00182	0.00049	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.00259	0.00060	0.0099	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	0.00179	0.00041	0.0099	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	<0.0052 (1)	0.0052	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.0112	0.00056	0.0099	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00071	0.00071	0.0099	0.0000300	0.0000000213	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.0012 (1)	0.0012	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	0.00079	0.00038	0.0099	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000499	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	106	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	109	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	97	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	5968887

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ944						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	127	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	61	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.0098	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00089	0.00089	0.0098	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00062	0.00062	0.0098	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00086	0.00086	0.0098	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00254	0.00061	0.0098	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00064	0.00064	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00082	0.00056	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.00367	0.00039	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.00038	0.00038	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00045	0.00040	0.0098	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00052	0.00052	0.0098	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00037	0.00037	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.00202	0.00034	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00053	0.00045	0.0098	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.00047	0.00047	0.029	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.00062	0.00062	0.0098	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.00327	0.00043	0.029	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00048	0.00048	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00056	0.00056	0.0098	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00048	0.00048	0.0098	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00181	0.00041	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00046	0.00046	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.00602	0.00047	0.0098	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00019	0.00019	0.0098	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00054	0.00054	0.0098	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00052	0.00052	0.0098	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.00035	0.00035	0.029	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00123	0.00052	0.0098	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00715	0.00049	0.039	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.00156	0.00037	0.0098	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.00389	0.00044	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.00058	0.00058	0.0098	0.000100	0.0000000580	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00057	0.00057	0.0098	0.000300	0.000000171	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0121	0.00034	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.00079 (1)	0.00079	0.0098	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.00305	0.00027	0.029	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00439	0.00028	0.059	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00079	0.00033	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0147	0.00028	0.029	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.00261	0.00033	0.0098	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00033	0.00033	0.039	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	<0.0044 (1)	0.0044	0.0098	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00021	0.00021	0.0098	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00011	0.00011	0.0098	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.00354	0.00044	0.0098	0.0000300	0.000000106	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	<0.00098 (1)	0.00098	0.0098	N/A	N/A	N/A	5968887

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.00042	0.00042	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.00925	0.00025	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00023	0.00023	0.0098	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00024	0.00024	0.0098	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00044	0.00044	0.0098	0.0000300	0.0000000132	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0110	0.00043	0.0098	0.0000300	0.000000330	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00022	0.00022	0.0098	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00049	0.00049	0.0098	0.0000300	0.0000000147	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00041	0.00041	0.0098	0.100	0.0000410	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.00258	0.00050	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0214	0.00053	0.029	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.00105	0.00063	0.0098	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.00072	0.00072	0.0098	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00214	0.00067	0.0098	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.00067	0.00067	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.00528	0.00080	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.00149	0.00065	0.0098	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.00058	0.00058	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.00174	0.00059	0.0098	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00064	0.00064	0.0098	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.00077	0.00077	0.0098	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.00413	0.00051	0.0098	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0114	0.00058	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00058	0.00058	0.0098	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.0247	0.00046	0.0098	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.00112	0.00057	0.020	0.0000300	0.0000000336	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00119	0.00041	0.0098	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00055	0.00055	0.0098	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00050	0.00050	0.0098	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.00054	0.00054	0.0098	0.0000300	0.0000000162	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00058	0.00058	0.0098	0.0300	0.0000174	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	<0.00083 (1)	0.00083	0.0098	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.00070	0.00070	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.0011 (1)	0.0011	0.0098	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.00091 (1)	0.00091	0.0098	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.0010 (1)	0.0010	0.0098	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	<0.00083 (1)	0.00083	0.0098	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.00346	0.00060	0.020	N/A	N/A	N/A	5968887

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.00110	0.00055	0.0098	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00055	0.00055	0.0098	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.00076	0.00076	0.0098	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.00653	0.00070	0.0098	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00052	0.00052	0.0098	0.0000300	0.0000000156	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.00097	0.00097	0.0098	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00092	0.00092	0.0098	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00077	0.00077	0.0098	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.00076	0.00076	0.0098	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.00083	0.00083	0.0098	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000592	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	108	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	113	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ946						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	127	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00024	0.00024	0.0094	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00024	0.00024	0.0094	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00023	0.00023	0.0094	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00065	0.00065	0.0094	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.00028	0.00028	0.0094	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.00029	0.00029	0.0094	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.00029	0.00029	0.0094	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	0.00107	0.00027	0.0094	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00027	0.00027	0.0094	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.00297	0.00028	0.0094	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.00029	0.00029	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.00027	0.00027	0.0094	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.00043 (1)	0.00043	0.0094	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.00098	0.00098	0.0094	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	0.00093	0.00085	0.0094	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.00315	0.00070	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.00074	0.00074	0.0094	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0157	0.00063	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0017 (1)	0.0017	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00257	0.00065	0.0094	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	0.00143	0.00060	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00059	0.00059	0.0094	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.0103	0.00055	0.0094	N/A	N/A	N/A	5968887

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(1) EMPC / IAR - Peak detected meets S/N ratio but does not meet the ion abundance ratio.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00054	0.00054	0.0094	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00053	0.00053	0.0094	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00093	0.00073	0.0094	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00060	0.00060	0.0094	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00060	0.00060	0.0094	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0028 (1)	0.0028	0.028	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00379	0.00075	0.0094	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00073	0.00073	0.0094	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0227	0.00053	0.028	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00058	0.00058	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00068	0.00068	0.0094	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	0.00112	0.00058	0.0094	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0144	0.00050	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00056	0.00056	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0429	0.00057	0.0094	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00022	0.00022	0.0094	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00017	0.00017	0.0094	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00327	0.00015	0.0094	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00015	0.00015	0.0094	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	0.00063	0.00017	0.0094	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	0.00153	0.00042	0.028	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00790	0.00017	0.0094	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0517	0.00016	0.038	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	0.00198	0.00015	0.0094	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.00914	0.00046	0.0094	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0242	0.00014	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.00026	0.00014	0.0094	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	0.00148	0.00015	0.0094	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	0.00079	0.00015	0.0094	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00041	0.00041	0.0094	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00147	0.00019	0.0094	0.000100	0.000000147	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00015	0.00015	0.0094	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	0.00045	0.00013	0.0094	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00014	0.00014	0.0094	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00018	0.00018	0.0094	0.000300	0.0000000540	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	0.00183	0.00043	0.0094	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0994	0.00041	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.00359	0.00046	0.0094	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0208	0.00032	0.028	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0304	0.00034	0.056	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00502	0.00040	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.00042	0.00042	0.0094	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0931	0.00034	0.028	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0186	0.00041	0.0094	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00040	0.00040	0.038	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.00044	0.00044	0.0094	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0266	0.00038	0.0094	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00014	0.00014	0.0094	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	0.00052	0.00036	0.0094	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.000072	0.000072	0.0094	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0305	0.00049	0.0094	0.0000300	0.000000915	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.00047	0.00047	0.0094	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.00955	0.00042	0.0094	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	0.00252	0.00046	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0545	0.00031	0.019	N/A	N/A	N/A	5968887

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.00028	0.00028	0.0094	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00030	0.00030	0.0094	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	0.00186	0.00048	0.0094	0.0000300	0.0000000558	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0897	0.00047	0.0094	0.0000300	0.00000269	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00027	0.00027	0.0094	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00031	0.00031	0.0094	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00048	0.00048	0.0094	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	0.00125	0.00054	0.0094	0.0000300	0.0000000375	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00045	0.00045	0.0094	0.100	0.0000450	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00043	0.00043	0.0094	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.0213	0.00087	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.178	0.00091	0.028	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.0053	0.0011	0.0094	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.0106	0.0011	0.0094	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.0034 (1)	0.0034	0.0094	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.0012 (1)	0.0012	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.0336	0.00074	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00274	0.00054	0.0094	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.0081	0.0011	0.0094	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	0.0017	0.0010	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.0099	0.0010	0.0094	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	0.00282	0.00071	0.0094	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.0305	0.00088	0.0094	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0566	0.00099	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.00071	0.00071	0.0094	N/A	N/A	N/A	5968887

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N/A = Not Applicable

(1) EMPC / IAR - Peak detected meets S/N ratio but does not meet the ion abundance ratio.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.00056	0.00056	0.0094	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00053	0.00053	0.0094	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.235	0.00079	0.0094	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	0.00395	0.00064	0.0094	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00054 (1)	0.00054	0.0094	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.00799	0.00054	0.019	0.0000300	0.000000240	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.00797	0.00070	0.0094	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.00052	0.00052	0.0094	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00086	0.00086	0.0094	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00077	0.00077	0.0094	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	0.00095	0.00054	0.0094	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	0.00411	0.00073	0.0094	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00077	0.00077	0.0094	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.00417	0.00051	0.0094	0.0000300	0.000000125	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.00055	0.00055	0.0094	0.0300	0.0000165	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00787	0.00050	0.0094	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	0.00364	0.00069	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	0.00203	0.00068	0.0094	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00493	0.00069	0.0094	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	0.00059	0.00040	0.0094	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00063 (1)	0.00063	0.0094	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.00440	0.00068	0.0094	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	0.00858	0.00041	0.0094	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	0.00431	0.00029	0.0094	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.0285	0.00059	0.019	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.00041	0.00041	0.0094	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.0101	0.00054	0.0094	N/A	N/A	N/A	5968887

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.00065 (1)	0.00065	0.0094	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.00075	0.00075	0.0094	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00033	0.00033	0.0094	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.0385	0.00039	0.0094	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00025	0.00025	0.0094	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00049	0.00049	0.0094	0.0000300	0.0000000147	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	0.00176	0.00050	0.0094	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00050	0.00050	0.0094	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00056	0.00056	0.0094	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	0.00226	0.00065	0.0094	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.00068	0.00068	0.0094	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	0.0020	0.0010	0.0094	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.00080	0.00080	0.0094	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.0037 (1)	0.0037	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.00073	0.00073	0.0094	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.00089 (1)	0.00089	0.0094	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	0.00230	0.00063	0.0094	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	0.00359	0.00099	0.0094	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.00077	0.00077	0.0094	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00058	0.00058	0.0094	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000658	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	103	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ948						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	111	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	60	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	122	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	58	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00042 (1)	0.00042	0.0099	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.0030	0.0011	0.0099	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	0.0020	0.0011	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0118	0.00057	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	0.00078	0.00056	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.00130	0.00059	0.0099	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.00055	0.00055	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00734	0.00051	0.0099	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	0.00086	0.00067	0.0099	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	0.00155	0.00067	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	0.00200	0.00089	0.0099	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0125	0.00062	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.00092 (1)	0.00092	0.0099	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.00650	0.00060	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.00066	0.00066	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0257	0.00068	0.0099	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.00132	0.00064	0.0099	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	0.00077	0.00050	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.00475	0.00070	0.0099	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0314	0.00065	0.040	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.00521	0.00054	0.0099	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0162	0.00060	0.0099	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	0.00094	0.00078	0.0099	0.000100	0.0000000940	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.00077	0.00077	0.0099	0.000300	0.000000231	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0524	0.0010	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0107	0.00080	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0163	0.00084	0.059	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.00318	0.00097	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0561	0.00084	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0112	0.0010	0.0099	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00099	0.00099	0.040	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0166	0.00093	0.0099	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00032	0.00032	0.0099	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00017	0.00017	0.0099	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0142	0.00065	0.0099	0.0000300	0.000000426	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.00419	0.00056	0.0099	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	0.00122	0.00062	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0269	0.00075	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.00081 (1)	0.00081	0.0099	0.0000300	0.0000000243	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0443	0.00063	0.0099	0.0000300	0.00000133	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.00073	0.00073	0.0099	0.0000300	0.0000000219	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.00061	0.00061	0.0099	0.100	0.0000610	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.0117	0.00067	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.0882	0.00070	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	0.00370	0.00084	0.0099	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.00788	0.00088	0.0099	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	0.00219	0.00079	0.0099	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.00096 (1)	0.00096	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.0238	0.0013	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	0.00276	0.00097	0.0099	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	0.00325	0.00086	0.0099	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.00077	0.00077	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.00593	0.00079	0.0099	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.0186	0.00068	0.0099	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0485	0.00076	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.111	0.00061	0.0099	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.0038	0.0011	0.020	0.0000300	0.000000114	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	<0.0030 (1)	0.0030	0.0099	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	0.00241	0.00056	0.0099	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.0020	0.0010	0.0099	0.0000300	0.0000000600	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.00376	0.00062	0.0099	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.0019 (1)	0.0019	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	0.00103	0.00084	0.0099	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.00394	0.00085	0.0099	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	0.00394	0.00083	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0050	0.0012	0.0099	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	0.00401	0.00081	0.0099	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.0130	0.00073	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.00415	0.00067	0.0099	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.0280	0.0011	0.0099	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.00077	0.00077	0.0099	0.0000300	0.0000000231	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.00073 (1)	0.00073	0.0099	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	0.0018	0.0016	0.0099	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968887

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(1) EMPC / IAR - Peak detected meets S/N ratio but does not meet the ion abundance ratio.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000963	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	112	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	47	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ950						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	124	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.0032	0.0028	0.0099	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.0083	0.0083	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0230	0.0022	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.0133	0.0021	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0050	0.0050	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0453	0.0046	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0304	0.0044	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.106	0.0049	0.0099	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.0035	0.0035	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.0105	0.0051	0.0099	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0832	0.0050	0.040	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.0165	0.0039	0.0099	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0401	0.0047	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.0072	0.0072	0.0099	0.000100	0.000000720	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.0071	0.0071	0.0099	0.000300	0.00000213	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.151	0.0083	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0286	0.0062	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0442	0.0066	0.059	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	<0.0099 (1)	0.0099	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.169	0.0070	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0368	0.0084	0.0099	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0086	0.0086	0.040	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0558	0.0083	0.0099	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0572	0.0047	0.0099	0.0000300	0.00000172	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.0155	0.0031	0.0099	N/A	N/A	N/A	5968887

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0986	0.0066	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.0048	0.0048	0.0099	0.0000300	0.000000144	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.172	0.0046	0.0099	0.0000300	0.00000516	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.0054	0.0054	0.0099	0.0000300	0.000000162	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.0047	0.0047	0.0099	0.100	0.000470	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.031	0.016	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.330	0.017	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	<0.022 (1)	0.022	0.0099	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.074	0.023	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.028	0.020	0.0099	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.069	0.017	0.0099	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.145	0.017	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.404	0.014	0.0099	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	<0.019 (1)	0.019	0.020	0.0000300	0.000000570	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.017	0.013	0.0099	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.0092	0.0073	0.0099	0.0000300	0.000000276	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0078	0.0078	0.0099	0.0300	0.000234	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.056	0.015	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.014	0.013	0.0099	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.092	0.031	0.0099	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.012	0.012	0.0099	0.0000300	0.000000360	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.039	0.039	0.0099	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.040	0.040	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.053	0.053	0.0099	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000715	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	123	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	117	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	33	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	73	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	25	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	50	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	52	N/A	N/A	N/A	N/A	N/A	5968887

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ952						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	53	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	32	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	5985836
3-MonoCB-(2)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	5985836
4-MonoCB-(3)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	5985836
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	5985836
2,3-DiCB-(5)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	5985836
2,3'-DiCB-(6)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	5985836
2,4-DiCB-(7)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	5985836
2,4'-DiCB-(8)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	5985836
2,5-DiCB-(9)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	5985836
2,6-DiCB-(10)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	5985836
3,3'-DiCB-(11)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	5985836
DiCB-(12)+(13)	ng/g	<0.00073	0.00073	0.020	N/A	N/A	N/A	5985836
3,5-DiCB-(14)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	5985836
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	5985836
22'3-TriCB-(16)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	5985836
22'4-TriCB-(17)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	5985836
TriCB-(18)+(30)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	5985836
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5985836
TriCB-(20) + (28)	ng/g	0.00711	0.00046	0.020	N/A	N/A	N/A	5985836
TriCB-(21)+(33)	ng/g	<0.00046	0.00046	0.020	N/A	N/A	N/A	5985836
234'-TriCB-(22)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	5985836
235-TriCB-(23)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	5985836
236-TriCB-(24)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	5985836
23'4-TriCB-(25)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	5985836
TriCB-(26)+(29)	ng/g	<0.00045	0.00045	0.020	N/A	N/A	N/A	5985836
23'6-TriCB-(27)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	5985836
24'5-TriCB-(31)	ng/g	0.00455	0.00044	0.010	N/A	N/A	N/A	5985836

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	5985836
23'5'-TriCB-(34)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	5985836
33'4-TriCB-(35)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	5985836
33'5-TriCB-(36)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	5985836
344'-TriCB-(37)	ng/g	<0.00094 (1)	0.00094	0.010	N/A	N/A	N/A	5985836
345-TriCB-(38)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	5985836
34'5-TriCB-(39)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	5985836
TetraCB-(40)+(41)+(71)	ng/g	<0.0018	0.0018	0.030	N/A	N/A	N/A	5985836
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	5985836
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	5985836
TetraCB-(44)+(47)+(65)	ng/g	0.0069	0.0017	0.030	N/A	N/A	N/A	5985836
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	5985836
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	5985836
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
TetraCB-(49)+TetraCB-(69)	ng/g	0.0044	0.0016	0.020	N/A	N/A	N/A	5985836
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	5985836
22'55'-TetraCB-(52)	ng/g	0.0108	0.0019	0.010	N/A	N/A	N/A	5985836
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5985836
233'4-TetraCB-(55)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	5985836
233'4'-Tetra CB(56)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	5985836
233'5-TetraCB-(57)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	5985836
233'5'-TetraCB-(58)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	5985836
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.030	N/A	N/A	N/A	5985836
2344'-TetraCB -(60)	ng/g	0.00266	0.00092	0.010	N/A	N/A	N/A	5985836
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0166	0.00085	0.040	N/A	N/A	N/A	5985836
234'5-TetraCB-(63)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	5985836
234'6-TetraCB-(64)	ng/g	0.0034	0.0015	0.010	N/A	N/A	N/A	5985836

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00956	0.00082	0.010	N/A	N/A	N/A	5985836
23'45-TetraCB-(67)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	5985836
23'45'-TetraCB-(68)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	5985836
23'55'-TetraCB-(72)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	5985836
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5985836
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.010	0.000100	0.000000120	N/A	5985836
33'45-TetraCB-(78)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	5985836
33'45'-TetraCB(79)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	5985836
33'55'-TetraCB-(80)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	5985836
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.010	0.000300	0.000000360	N/A	5985836
22'33'4-PentaCB-(82)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
PentaCB-(83)+(99)	ng/g	0.0201	0.0016	0.020	N/A	N/A	N/A	5985836
22'33'6-PentaCB-(84)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
PentaCB-(85)+(116)+(117)	ng/g	0.0039	0.0013	0.030	N/A	N/A	N/A	5985836
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0107	0.0013	0.060	N/A	N/A	N/A	5985836
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5985836
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5985836
PentaCB-(90)+(101)+(113)	ng/g	0.0214	0.0014	0.030	N/A	N/A	N/A	5985836
22'355'-PentaCB-(92)	ng/g	<0.0043 (1)	0.0043	0.010	N/A	N/A	N/A	5985836
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.040	N/A	N/A	N/A	5985836
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5985836
22'35'6-PentaCB-(95)	ng/g	0.0077	0.0015	0.010	N/A	N/A	N/A	5985836
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5985836
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5985836
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	5985836
233'44'-PentaCB-(105)	ng/g	0.00779	0.00088	0.010	0.0000300	0.000000234	N/A	5985836
233'45-PentaCB-(106)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	5985836

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	5985836
PentaCB-(108)+(124)	ng/g	<0.00073	0.00073	0.020	N/A	N/A	N/A	5985836
PentaCB-(110)+(115)	ng/g	0.0186	0.0013	0.020	N/A	N/A	N/A	5985836
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	5985836
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	5985836
2344'5-PentaCB-(114)	ng/g	<0.00088	0.00088	0.010	0.0000300	0.0000000264	N/A	5985836
23'44'5-PentaCB-(118)	ng/g	0.0211	0.00085	0.010	0.0000300	0.000000633	N/A	5985836
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	5985836
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	5985836
233'4'5'-PentaCB-(122)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	5985836
23'44'5'-PentaCB-(123)	ng/g	<0.00097	0.00097	0.010	0.0000300	0.0000000291	N/A	5985836
33'44'5-PentaCB-(126)	ng/g	<0.00087	0.00087	0.010	0.100	0.0000870	N/A	5985836
33'455'-PentaCB-(127)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	5985836
HexaCB-(128)+(166)	ng/g	0.0049	0.0022	0.020	N/A	N/A	N/A	5985836
HexaCB-(129)+(138)+(163)	ng/g	0.0417	0.0024	0.030	N/A	N/A	N/A	5985836
22'33'45'-HexaCB-(130)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5985836
22'33'46-HexaCB-(131)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5985836
22'33'46'-HexaCB-(132)	ng/g	0.0055	0.0028	0.010	N/A	N/A	N/A	5985836
22'33'55'-HexaCB-(133)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	5985836
HexaCB-(134)+(143)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	5985836
HexaCB-(135)+(151)	ng/g	<0.0079 (1)	0.0079	0.020	N/A	N/A	N/A	5985836
22'33'66'-HexaCB-(136)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	5985836
22'344'5-HexaCB-(137)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	5985836
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	5985836
22'3455'-HexaCB-(141)	ng/g	0.0038	0.0026	0.010	N/A	N/A	N/A	5985836
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5985836
22'345'6-HexaCB-(144)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	5985836

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	5985836
22'34'55'-HexaCB-(146)	ng/g	0.0079	0.0022	0.010	N/A	N/A	N/A	5985836
HexaCB-(147)+(149)	ng/g	0.0278	0.0023	0.020	N/A	N/A	N/A	5985836
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	5985836
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	5985836
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	5985836
HexaCB-(153)+(168)	ng/g	0.0474	0.0019	0.010	N/A	N/A	N/A	5985836
22'44'56'-HexaCB-(154)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	5985836
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5985836
HexaCB-(156)+(157)	ng/g	<0.0028 (1)	0.0028	0.020	0.0000300	0.0000000840	N/A	5985836
233'44'6-HexaCB-(158)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5985836
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5985836
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	5985836
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5985836
233'4'5'6-HexaCB-(164)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5985836
23'44'55'-HexaCB-(167)	ng/g	<0.0015	0.0015	0.010	0.0000300	0.0000000450	N/A	5985836
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.010	0.0300	0.0000510	N/A	5985836
22'33'44'5-HeptaCB-(170)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	5985836
HeptaCB-(171)+(173)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	5985836
22'33'455'-HeptaCB-(172)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	5985836
22'33'456'-HeptaCB-(174)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	5985836
22'33'45'6-HeptaCB-(175)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	5985836
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5985836

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(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	5985836
22'33'55'6-HeptaCB-(178)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	5985836
22'33'566'-HeptaCB-(179)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	5985836
HeptaCB-(180)+(193)	ng/g	0.0079	0.0031	0.020	N/A	N/A	N/A	5985836
22'344'56-HeptaCB-(181)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	5985836
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	5985836
22'344'5'6-HeptaCB-(183)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	5985836
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5985836
22'3455'6-HeptaCB-(185)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	5985836
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	5985836
22'34'55'6-HeptaCB-(187)	ng/g	<0.0081 (1)	0.0081	0.010	N/A	N/A	N/A	5985836
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5985836
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	5985836
233'44'56-HeptaCB-(190)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	5985836
233'44'5'6-HeptaCB-(191)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	5985836
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	5985836
22'33'44'55'-OctaCB-(194)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	5985836
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	5985836
22'33'44'56'-OctaCB-(196)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	5985836
22'33'44'66'OctaCB-(197)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	5985836
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	5985836
22'33'4566'-OctaCB-(200)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	5985836
22'33'45'66'-OctaCB-(201)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	5985836
22'33'55'66'-OctaCB-(202)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	5985836
22'344'55'6-OctaCB-(203)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	5985836
22'344'566'-OctaCB-(204)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	5985836
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	5985836

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5985836
22'33'44'566'-NonaCB-(207)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5985836
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5985836
DecaCB-(209)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	5985836
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000140	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'33'455'66'-NonaCB-(208)	%	106	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'33'55'66'-OctaCB-(202)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'344'55'-HeptaCB-(180)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'44'66'-HexaCB-(155)	%	131	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'6-TriCB-(19)	%	59	N/A	N/A	N/A	N/A	N/A	5985836
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	5985836
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	5985836
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	5985836
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	5985836
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	5985836
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	5985836
C13-2344'5-PentaCB-(114)	%	69	N/A	N/A	N/A	N/A	N/A	5985836
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	5985836
C13-2'344'5-PentaCB-(123)	%	74	N/A	N/A	N/A	N/A	N/A	5985836

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ954						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	5985836
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	5985836
C13-33'44'5-PentaCB-(126)	%	52	N/A	N/A	N/A	N/A	N/A	5985836
C13-33'44'-TetraCB-(77)	%	57	N/A	N/A	N/A	N/A	N/A	5985836
C13-344'5-TetraCB-(81)	%	57	N/A	N/A	N/A	N/A	N/A	5985836
C13-344'-TriCB-(37)	%	76	N/A	N/A	N/A	N/A	N/A	5985836
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	5985836
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	5985836
C13-DecaCB-(209)	%	63	N/A	N/A	N/A	N/A	N/A	5985836
C13-HexaCB-(156)+(157)	%	72	N/A	N/A	N/A	N/A	N/A	5985836

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00021	0.00021	0.0096	N/A	N/A	N/A	5970054
3-MonoCB-(2)	ng/g	<0.00021	0.00021	0.0096	N/A	N/A	N/A	5970054
4-MonoCB-(3)	ng/g	<0.00035 (1)	0.00035	0.0096	N/A	N/A	N/A	5970054
22'-DiCB-(4)	ng/g	<0.00050	0.00050	0.0096	N/A	N/A	N/A	5970054
2,3-DiCB-(5)	ng/g	<0.00029	0.00029	0.0096	N/A	N/A	N/A	5970054
2,3'-DiCB-(6)	ng/g	<0.00024	0.00024	0.0096	N/A	N/A	N/A	5970054
2,4-DiCB-(7)	ng/g	<0.00025	0.00025	0.0096	N/A	N/A	N/A	5970054
2,4'-DiCB-(8)	ng/g	<0.00022	0.00022	0.0096	N/A	N/A	N/A	5970054
2,5-DiCB-(9)	ng/g	<0.00024	0.00024	0.0096	N/A	N/A	N/A	5970054
2,6-DiCB-(10)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	5970054
3,3'-DiCB-(11)	ng/g	0.00292	0.00026	0.0096	N/A	N/A	N/A	5970054
DiCB-(12)+(13)	ng/g	<0.00026	0.00026	0.019	N/A	N/A	N/A	5970054
3,5-DiCB-(14)	ng/g	<0.00023	0.00023	0.0096	N/A	N/A	N/A	5970054
4,4'-DiCB-(15)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	5970054
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5970054
22'4-TriCB-(17)	ng/g	<0.0010	0.0010	0.0096	N/A	N/A	N/A	5970054
TriCB-(18)+(30)	ng/g	<0.0017 (1)	0.0017	0.019	N/A	N/A	N/A	5970054
22'6-TriCB-(19)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5970054
TriCB-(20) + (28)	ng/g	0.00989	0.00048	0.019	N/A	N/A	N/A	5970054
TriCB-(21)+(33)	ng/g	0.00062	0.00048	0.019	N/A	N/A	N/A	5970054
234'-TriCB-(22)	ng/g	0.00143	0.00050	0.0096	N/A	N/A	N/A	5970054
235-TriCB-(23)	ng/g	<0.00048	0.00048	0.0096	N/A	N/A	N/A	5970054
236-TriCB-(24)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	5970054
23'4-TriCB-(25)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	5970054
TriCB-(26)+(29)	ng/g	0.00068	0.00046	0.019	N/A	N/A	N/A	5970054
23'6-TriCB-(27)	ng/g	<0.00077	0.00077	0.0096	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00704	0.00043	0.0096	N/A	N/A	N/A	5970054
24'6-TriCB-(32)	ng/g	<0.00069	0.00069	0.0096	N/A	N/A	N/A	5970054
23'5'-TriCB-(34)	ng/g	<0.00048	0.00048	0.0096	N/A	N/A	N/A	5970054
33'4-TriCB-(35)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5970054
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.0096	N/A	N/A	N/A	5970054
344'-TriCB-(37)	ng/g	0.00087	0.00069	0.0096	N/A	N/A	N/A	5970054
345-TriCB-(38)	ng/g	<0.00053	0.00053	0.0096	N/A	N/A	N/A	5970054
34'5-TriCB-(39)	ng/g	<0.00048	0.00048	0.0096	N/A	N/A	N/A	5970054
TetraCB-(40)+(41)+(71)	ng/g	0.00224	0.00090	0.029	N/A	N/A	N/A	5970054
22'34'-TetraCB-(42)	ng/g	0.0022	0.0010	0.0096	N/A	N/A	N/A	5970054
22'35-TetraCB-(43)	ng/g	<0.00099	0.00099	0.0096	N/A	N/A	N/A	5970054
TetraCB-(44)+(47)+(65)	ng/g	0.0158	0.00080	0.029	N/A	N/A	N/A	5970054
TetraCB-(45)+(51)	ng/g	<0.00085	0.00085	0.019	N/A	N/A	N/A	5970054
22'36'-TetraCB-(46)	ng/g	<0.00099	0.00099	0.0096	N/A	N/A	N/A	5970054
22'45-TetraCB-(48)	ng/g	<0.00090	0.00090	0.0096	N/A	N/A	N/A	5970054
TetraCB-(49)+TetraCB-(69)	ng/g	0.00993	0.00076	0.019	N/A	N/A	N/A	5970054
TetraCB-(50)+(53)	ng/g	<0.00081	0.00081	0.019	N/A	N/A	N/A	5970054
22'55'-TetraCB-(52)	ng/g	0.0341	0.00076	0.0096	N/A	N/A	N/A	5970054
22'66'-TetraCB-(54)	ng/g	<0.00036	0.00036	0.0096	N/A	N/A	N/A	5970054
233'4-TetraCB-(55)	ng/g	<0.00073	0.00073	0.0096	N/A	N/A	N/A	5970054
233'4'-Tetra CB(56)	ng/g	0.00174	0.00068	0.0096	N/A	N/A	N/A	5970054
233'5-TetraCB-(57)	ng/g	<0.00064	0.00064	0.0096	N/A	N/A	N/A	5970054
233'5'-TetraCB-(58)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	5970054
TetraCB-(59)+(62)+(75)	ng/g	0.00109	0.00065	0.029	N/A	N/A	N/A	5970054
2344'-TetraCB -(60)	ng/g	0.00443	0.00068	0.0096	N/A	N/A	N/A	5970054
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0341	0.00065	0.039	N/A	N/A	N/A	5970054
234'5-TetraCB-(63)	ng/g	0.00175	0.00063	0.0096	N/A	N/A	N/A	5970054
234'6-TetraCB-(64)	ng/g	0.00526	0.00069	0.0096	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0159	0.00063	0.0096	N/A	N/A	N/A	5970054
23'45-TetraCB-(67)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	5970054
23'45'-TetraCB-(68)	ng/g	0.00089	0.00058	0.0096	N/A	N/A	N/A	5970054
23'55'-TetraCB-(72)	ng/g	0.00062	0.00057	0.0096	N/A	N/A	N/A	5970054
23'5'6-TetraCB-(73)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	5970054
33'44'-TetraCB-(77)	ng/g	<0.0011 (1)	0.0011	0.0096	0.000100	0.000000110	N/A	5970054
33'45-TetraCB-(78)	ng/g	<0.00074	0.00074	0.0096	N/A	N/A	N/A	5970054
33'45'-TetraCB(79)	ng/g	<0.00061	0.00061	0.0096	N/A	N/A	N/A	5970054
33'55'-TetraCB-(80)	ng/g	<0.00058	0.00058	0.0096	N/A	N/A	N/A	5970054
344'5-TetraCB-(81)	ng/g	<0.00081	0.00081	0.0096	0.000300	0.000000243	N/A	5970054
22'33'4-PentaCB-(82)	ng/g	0.00096	0.00082	0.0096	N/A	N/A	N/A	5970054
PentaCB-(83)+(99)	ng/g	0.0550	0.00072	0.019	N/A	N/A	N/A	5970054
22'33'6-PentaCB-(84)	ng/g	0.00274	0.00081	0.0096	N/A	N/A	N/A	5970054
PentaCB-(85)+(116)+(117)	ng/g	0.0133	0.00059	0.029	N/A	N/A	N/A	5970054
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0182	0.00062	0.058	N/A	N/A	N/A	5970054
PentaCB-(88)+(91)	ng/g	0.00368	0.00074	0.019	N/A	N/A	N/A	5970054
22'346'-PentaCB-(89)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5970054
PentaCB-(90)+(101)+(113)	ng/g	0.0710	0.00062	0.029	N/A	N/A	N/A	5970054
22'355'-PentaCB-(92)	ng/g	0.0134	0.00071	0.0096	N/A	N/A	N/A	5970054
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00071	0.00071	0.039	N/A	N/A	N/A	5970054
22'356'-PentaCB-(94)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5970054
22'35'6-PentaCB-(95)	ng/g	0.0223	0.00067	0.0096	N/A	N/A	N/A	5970054
22'366'-PentaCB-(96)	ng/g	<0.00036	0.00036	0.0096	N/A	N/A	N/A	5970054
22'45'6-PentaCB-(103)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	5970054
22'466'-PentaCB-(104)	ng/g	<0.00027	0.00027	0.0096	N/A	N/A	N/A	5970054
233'44'-PentaCB-(105)	ng/g	0.0217	0.00058	0.0096	0.0000300	0.000000651	N/A	5970054
233'45-PentaCB-(106)	ng/g	<0.00054	0.00054	0.0096	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.00695	0.00047	0.0096	N/A	N/A	N/A	5970054
PentaCB-(108)+(124)	ng/g	<0.0020 (1)	0.0020	0.019	N/A	N/A	N/A	5970054
PentaCB-(110)+(115)	ng/g	0.0379	0.00062	0.019	N/A	N/A	N/A	5970054
233'55'-PentaCB-(111)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	5970054
233'56-PentaCB-(112)	ng/g	<0.00055	0.00055	0.0096	N/A	N/A	N/A	5970054
2344'5-PentaCB-(114)	ng/g	0.00168	0.00057	0.0096	0.0000300	0.0000000504	N/A	5970054
23'44'5-PentaCB-(118)	ng/g	0.0729	0.00058	0.0096	0.0000300	0.00000219	N/A	5970054
23'455'-PentaCB-(120)	ng/g	<0.00053	0.00053	0.0096	N/A	N/A	N/A	5970054
23'45'6-PentaCB-(121)	ng/g	<0.00054	0.00054	0.0096	N/A	N/A	N/A	5970054
233'4'5'-PentaCB-(122)	ng/g	<0.00058	0.00058	0.0096	N/A	N/A	N/A	5970054
23'44'5'-PentaCB-(123)	ng/g	0.00145	0.00065	0.0096	0.0000300	0.0000000435	N/A	5970054
33'44'5-PentaCB-(126)	ng/g	<0.00054	0.00054	0.0096	0.100	0.0000540	N/A	5970054
33'455'-PentaCB-(127)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	5970054
HexaCB-(128)+(166)	ng/g	0.0139	0.00071	0.019	N/A	N/A	N/A	5970054
HexaCB-(129)+(138)+(163)	ng/g	0.133	0.00071	0.029	N/A	N/A	N/A	5970054
22'33'45'-HexaCB-(130)	ng/g	0.00546	0.00084	0.0096	N/A	N/A	N/A	5970054
22'33'46-HexaCB-(131)	ng/g	<0.00088	0.00088	0.0096	N/A	N/A	N/A	5970054
22'33'46'-HexaCB-(132)	ng/g	0.0113	0.00081	0.0096	N/A	N/A	N/A	5970054
22'33'55'-HexaCB-(133)	ng/g	0.00360	0.00072	0.0096	N/A	N/A	N/A	5970054
HexaCB-(134)+(143)	ng/g	0.00250	0.00079	0.019	N/A	N/A	N/A	5970054
HexaCB-(135)+(151)	ng/g	0.0276	0.00079	0.019	N/A	N/A	N/A	5970054
22'33'66'-HexaCB-(136)	ng/g	0.00255	0.00055	0.0096	N/A	N/A	N/A	5970054
22'344'5-HexaCB-(137)	ng/g	0.00696	0.00084	0.0096	N/A	N/A	N/A	5970054
HexaCB-(139)+(140)	ng/g	0.00187	0.00067	0.019	N/A	N/A	N/A	5970054
22'3455'-HexaCB-(141)	ng/g	<0.0077 (1)	0.0077	0.0096	N/A	N/A	N/A	5970054
22'3456-HexaCB-(142)	ng/g	<0.00079	0.00079	0.0096	N/A	N/A	N/A	5970054
22'345'6-HexaCB-(144)	ng/g	0.00225	0.00076	0.0096	N/A	N/A	N/A	5970054

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00058	0.00058	0.0096	N/A	N/A	N/A	5970054
22'34'55'-HexaCB-(146)	ng/g	0.0300	0.00065	0.0096	N/A	N/A	N/A	5970054
HexaCB-(147)+(149)	ng/g	0.0590	0.00065	0.019	N/A	N/A	N/A	5970054
22'34'56'-HexaCB-(148)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5970054
22'34'66'-HexaCB-(150)	ng/g	<0.00055	0.00055	0.0096	N/A	N/A	N/A	5970054
22'3566'-HexaCB-(152)	ng/g	<0.00055	0.00055	0.0096	N/A	N/A	N/A	5970054
HexaCB-(153)+(168)	ng/g	0.153	0.00059	0.0096	N/A	N/A	N/A	5970054
22'44'56'-HexaCB-(154)	ng/g	0.00204	0.00069	0.0096	N/A	N/A	N/A	5970054
22'44'66'-HexaCB-(155)	ng/g	0.00069	0.00055	0.0096	N/A	N/A	N/A	5970054
HexaCB-(156)+(157)	ng/g	0.0085	0.0011	0.019	0.0000300	0.000000255	N/A	5970054
233'44'6-HexaCB-(158)	ng/g	0.00592	0.00056	0.0096	N/A	N/A	N/A	5970054
233'455'-HexaCB-(159)	ng/g	<0.00090	0.00090	0.0096	N/A	N/A	N/A	5970054
233'456-HexaCB-(160)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	5970054
233'45'6-HexaCB-(161)	ng/g	<0.00055	0.00055	0.0096	N/A	N/A	N/A	5970054
233'4'55'-HexaCB-(162)	ng/g	<0.00093	0.00093	0.0096	N/A	N/A	N/A	5970054
233'4'5'6-HexaCB-(164)	ng/g	0.00312	0.00056	0.0096	N/A	N/A	N/A	5970054
233'55'6-HexaCB-(165)	ng/g	<0.00060	0.00060	0.0096	N/A	N/A	N/A	5970054
23'44'55'-HexaCB-(167)	ng/g	0.0044	0.0010	0.0096	0.0000300	0.000000132	N/A	5970054
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0096	0.0300	0.0000330	N/A	5970054
22'33'44'5-HeptaCB-(170)	ng/g	0.0066	0.0013	0.0096	N/A	N/A	N/A	5970054
HeptaCB-(171)+(173)	ng/g	0.0028	0.0018	0.019	N/A	N/A	N/A	5970054
22'33'455'-HeptaCB-(172)	ng/g	0.0024	0.0018	0.0096	N/A	N/A	N/A	5970054
22'33'456'-HeptaCB-(174)	ng/g	0.0047	0.0015	0.0096	N/A	N/A	N/A	5970054
22'33'45'6-HeptaCB-(175)	ng/g	<0.00056	0.00056	0.0096	N/A	N/A	N/A	5970054
22'33'466'-HeptaCB-(176)	ng/g	<0.00039	0.00039	0.0096	N/A	N/A	N/A	5970054
22'33'45'6'-HeptaCB-(177)	ng/g	0.0060	0.0016	0.0096	N/A	N/A	N/A	5970054
22'33'55'6-HeptaCB-(178)	ng/g	0.00604	0.00056	0.0096	N/A	N/A	N/A	5970054
22'33'566'-HeptaCB-(179)	ng/g	0.00448	0.00038	0.0096	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0248	0.0014	0.019	N/A	N/A	N/A	5970054
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5970054
22'344'56'-HeptaCB-(182)	ng/g	<0.00058	0.00058	0.0096	N/A	N/A	N/A	5970054
22'344'5'6-HeptaCB-(183)	ng/g	0.0045	0.0012	0.0096	N/A	N/A	N/A	5970054
22'344'66'-HeptaCB-(184)	ng/g	<0.00038	0.00038	0.0096	N/A	N/A	N/A	5970054
22'3455'6-HeptaCB-(185)	ng/g	0.0044	0.0020	0.0096	N/A	N/A	N/A	5970054
22'34566'-HeptaCB-(186)	ng/g	<0.00043	0.00043	0.0096	N/A	N/A	N/A	5970054
22'34'55'6-HeptaCB-(187)	ng/g	0.0337	0.00055	0.0096	N/A	N/A	N/A	5970054
22'34'566'-HeptaCB-(188)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5970054
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.0096	0.0000300	0.0000000420	N/A	5970054
233'44'56-HeptaCB-(190)	ng/g	<0.0020 (1)	0.0020	0.0096	N/A	N/A	N/A	5970054
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5970054
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5970054
22'33'44'55'-OctaCB-(194)	ng/g	0.0034	0.0025	0.0096	N/A	N/A	N/A	5970054
22'33'44'56-OctaCB-(195)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5970054
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5970054
22'33'44'66'OctaCB-(197)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5970054
OctaCB-(198)+(199)	ng/g	<0.0025	0.0025	0.019	N/A	N/A	N/A	5970054
22'33'4566'-OctaCB-(200)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5970054
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5970054
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022 (1)	0.0022	0.0096	N/A	N/A	N/A	5970054
22'344'55'6-OctaCB-(203)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5970054
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5970054
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	5970054
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5970054
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5970054
22'33'455'66'-NonaCB-(208)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5970054
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000907	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'33'44'55'6-NonaCB-(206)	%	70	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'33'455'66'-NonaCB-(208)	%	89	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'33'55'66'-OctaCB-(202)	%	108	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'33'55'6-HeptaCB-(178)	%	79	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'34'566'-HeptaCB-(188)	%	74	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'44'66'-HexaCB-(155)	%	80	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'466'-PentaCB-(104)	%	99	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'66'-TetraCB-(54)	%	55	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'6-TriCB-(19)	%	53	N/A	N/A	N/A	N/A	N/A	5970054
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	5970054
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	5970054
C13-233'44'55'-HeptaCB-(189)	%	102	N/A	N/A	N/A	N/A	N/A	5970054
C13-233'44'-PentaCB-(105)	%	83	N/A	N/A	N/A	N/A	N/A	5970054
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	5970054
C13-23'44'55'-HexaCB-(167)	%	74	N/A	N/A	N/A	N/A	N/A	5970054
C13-2344'5-PentaCB-(114)	%	85	N/A	N/A	N/A	N/A	N/A	5970054
C13-23'44'5-PentaCB-(118)	%	87	N/A	N/A	N/A	N/A	N/A	5970054
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	5970054
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	5970054
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	5970054
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	5970054
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ956						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	64	N/A	N/A	N/A	N/A	N/A	5970054
C13-344'-TriCB-(37)	%	77	N/A	N/A	N/A	N/A	N/A	5970054
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	5970054
C13-4-MonoCB-(3)	%	49	N/A	N/A	N/A	N/A	N/A	5970054
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	5970054
C13-HexaCB-(156)+(157)	%	72	N/A	N/A	N/A	N/A	N/A	5970054

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.013	0.013	0.0094	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.0094	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.021	0.021	0.0094	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0059	0.0059	0.0094	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0059	0.0059	0.0094	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0058	0.0058	0.0094	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.0045	0.0045	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0170	0.0017	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0018	0.0018	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.0091	0.0016	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0042	0.0042	0.028	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.0054	0.0054	0.0094	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.0060	0.0060	0.0094	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	<0.019 (1)	0.019	0.028	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.0046	0.0046	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.0053	0.0053	0.0094	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0111	0.0037	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.0043	0.0043	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0435	0.0041	0.0094	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.0030	0.0030	0.028	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.0087	0.0037	0.0094	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0520	0.0036	0.038	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.0079	0.0033	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0317	0.0034	0.0094	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.0052	0.0052	0.0094	0.000100	0.000000520	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.0094	0.000300	0.00000156	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0071	0.0071	0.0094	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0997	0.0067	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.0083	0.0083	0.0094	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0171	0.0050	0.028	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0212	0.0053	0.056	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	<0.0068	0.0068	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0072	0.0072	0.0094	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.106	0.0056	0.028	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0183	0.0067	0.0094	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0069	0.0069	0.038	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0077	0.0077	0.0094	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	<0.020 (1)	0.020	0.0094	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0061	0.0061	0.0094	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00051	0.00051	0.0094	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0456	0.0050	0.0094	0.0000300	0.00000137	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0099 (1)	0.0099	0.0094	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.0037	0.0037	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0522	0.0052	0.019	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.0050	0.0050	0.0094	0.0000300	0.000000150	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.137	0.0048	0.0094	0.0000300	0.00000411	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.0049	0.0049	0.0094	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.0056	0.0056	0.0094	0.0000300	0.000000168	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.0049	0.0049	0.0094	0.100	0.000490	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.024	0.012	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.241	0.013	0.028	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.018	0.018	0.0094	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.015	0.015	0.0094	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.016	0.016	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.043	0.016	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.013	0.013	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.054	0.013	0.0094	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.096	0.013	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.0094	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.285	0.011	0.0094	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.015	0.015	0.0094	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.0159	0.0041	0.019	0.0000300	0.000000477	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	<0.0098	0.0098	0.0094	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.0094	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.010	0.010	0.0094	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.011	0.011	0.0094	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.0071 (1)	0.0071	0.0094	0.0000300	0.000000213	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0041	0.0041	0.0094	0.0300	0.000123	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.023	0.023	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.023	0.023	0.0094	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.021	0.021	0.0094	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.020	0.020	0.0094	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.014	0.014	0.0094	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.023	0.023	0.0094	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.021	0.021	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.014	0.014	0.0094	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.041	0.017	0.019	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.022	0.022	0.0094	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.021	0.021	0.0094	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	<0.015	0.015	0.0094	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.014	0.014	0.0094	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.036	0.036	0.0094	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.069	0.020	0.0094	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.0098	0.0098	0.0094	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.0047	0.0047	0.0094	0.0000300	0.000000141	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.019	0.019	0.0094	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.012	0.012	0.0094	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.013	0.013	0.0094	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.022	0.022	0.0094	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.022	0.022	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.014	0.014	0.0094	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.015	0.015	0.0094	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.0094	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.021	0.021	0.0094	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.015	0.015	0.0094	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.013	0.013	0.0094	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0076	0.0076	0.0094	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.0061	0.0061	0.0094	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.0075	0.0075	0.0094	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.017	0.017	0.0094	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000622	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	116	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	137	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	39	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	104	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	64	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	74	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	62	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	32	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	52	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	54	N/A	N/A	N/A	N/A	N/A	5968887

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ957						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	55	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	61	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	40	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	61	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	5968887

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.0034	0.0016	0.010	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0065	0.0015	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.0046	0.0014	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0069	0.0069	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0153	0.0063	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.0074	0.0074	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0095	0.0060	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0302	0.0067	0.010	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0216	0.0019	0.040	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0091	0.0018	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.0028	0.0028	0.010	0.000100	0.000000280	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.010	0.000300	0.000000810	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.0465	0.0059	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	<0.0073 (1)	0.0073	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0145	0.0047	0.060	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.0465	0.0049	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0103	0.0059	0.010	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0061	0.0061	0.040	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0152	0.0058	0.010	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0161	0.0044	0.010	0.0000300	0.000000483	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0285	0.0046	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.0044	0.0044	0.010	0.0000300	0.000000132	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.0486	0.0043	0.010	0.0000300	0.00000146	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.0050	0.0050	0.010	0.0000300	0.000000150	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.0044	0.0044	0.010	0.100	0.000440	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	<0.0088	0.0088	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.117	0.0095	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.022	0.011	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.0098	0.0098	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.018 (1)	0.018	0.010	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.0415	0.0097	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.120	0.0080	0.010	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	<0.0062	0.0062	0.020	0.0000300	0.000000186	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.0059	0.0059	0.010	0.0000300	0.000000177	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0063	0.0063	0.010	0.0300	0.000189	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	5968887

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	5968887
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	<0.030 (1)	0.030	0.010	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.0045	0.0045	0.010	0.0000300	0.000000135	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000633	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	126	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	117	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	109	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	108	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	53	N/A	N/A	N/A	N/A	N/A	5968887

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ959						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	55	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	53	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	0.0186	0.0014	0.020	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	0.0025	0.0015	0.010	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	0.0022	0.0014	0.020	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	5968887
24'5-TriCB-(31)	ng/g	0.0135	0.0014	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0034	0.0034	0.030	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0438	0.0031	0.030	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0312	0.0029	0.020	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.100	0.0033	0.010	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	0.0038	0.0029	0.010	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.0024	0.0024	0.030	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.0092	0.0030	0.010	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0778	0.0029	0.040	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.0141	0.0026	0.010	N/A	N/A	N/A	5968887
23'44'-TetraCB-(66)	ng/g	0.0325	0.0027	0.010	N/A	N/A	N/A	5968887

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.0042	0.0042	0.010	0.000100	0.000000420	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.0041	0.0041	0.010	0.000300	0.00000123	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.159	0.0043	0.020	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	0.0071	0.0054	0.010	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0289	0.0032	0.030	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0482	0.0034	0.060	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	0.0090	0.0044	0.020	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.158	0.0036	0.030	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0344	0.0043	0.010	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0045	0.0045	0.040	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0590	0.0043	0.010	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	0.0531	0.0041	0.010	0.0000300	0.00000159	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	5968887
233'4'5-PentaCB-(107)	ng/g	0.0125	0.0027	0.010	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0930	0.0034	0.020	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.0041	0.0041	0.010	0.0000300	0.000000123	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.161	0.0039	0.010	0.0000300	0.00000483	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.0046	0.0046	0.010	0.0000300	0.000000138	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.0040	0.0040	0.010	0.100	0.000400	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.032	0.013	0.020	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.341	0.014	0.030	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	<0.027 (1)	0.027	0.010	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.082	0.015	0.020	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	0.028	0.017	0.010	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'34'55'-HexaCB-(146)	ng/g	0.073	0.014	0.010	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.134	0.014	0.020	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.430	0.012	0.010	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	<0.017 (1)	0.017	0.020	0.0000300	0.000000510	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	0.016	0.010	0.010	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	0.0099	0.0050	0.010	0.0000300	0.000000297	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0053	0.0053	0.010	0.0300	0.000159	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	0.0218	0.0087	0.010	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	0.014	0.011	0.010	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.0582	0.0087	0.020	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	0.0165	0.0076	0.010	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.095	0.023	0.010	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.0050	0.0050	0.010	0.0000300	0.000000150	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.041	0.041	0.020	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.039	0.039	0.010	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000568	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	133	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	103	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	112	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	35	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	44	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	50	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	54	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	56	N/A	N/A	N/A	N/A	N/A	5968887

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ960						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C15 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	72	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	45	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968887
3-MonoCB-(2)	ng/g	<0.00095	0.00095	0.0095	N/A	N/A	N/A	5968887
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968887
22'-DiCB-(4)	ng/g	<0.011	0.011	0.0095	N/A	N/A	N/A	5968887
2,3-DiCB-(5)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	5968887
2,3'-DiCB-(6)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
2,4-DiCB-(7)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	5968887
2,4'-DiCB-(8)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968887
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
2,6-DiCB-(10)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
3,3'-DiCB-(11)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	5968887
3,5-DiCB-(14)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968887
4,4'-DiCB-(15)	ng/g	<0.0057	0.0057	0.0095	N/A	N/A	N/A	5968887
22'3-TriCB-(16)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	5968887
22'4-TriCB-(17)	ng/g	<0.0061	0.0061	0.0095	N/A	N/A	N/A	5968887
TriCB-(18)+(30)	ng/g	<0.0047	0.0047	0.019	N/A	N/A	N/A	5968887
22'6-TriCB-(19)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	5968887
TriCB-(20) + (28)	ng/g	<0.014 (1)	0.014	0.019	N/A	N/A	N/A	5968887
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968887
234'-TriCB-(22)	ng/g	<0.0017 (1)	0.0017	0.0095	N/A	N/A	N/A	5968887
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968887
236-TriCB-(24)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968887
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968887
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968887
23'6-TriCB-(27)	ng/g	<0.0040	0.0040	0.0095	N/A	N/A	N/A	5968887

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0107	0.0015	0.0095	N/A	N/A	N/A	5968887
24'6-TriCB-(32)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	5968887
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968887
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968887
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968887
344'-TriCB-(37)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968887
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968887
TetraCB-(40)+(41)+(71)	ng/g	<0.0054	0.0054	0.029	N/A	N/A	N/A	5968887
22'34'-TetraCB-(42)	ng/g	<0.0069	0.0069	0.0095	N/A	N/A	N/A	5968887
22'35-TetraCB-(43)	ng/g	<0.0077	0.0077	0.0095	N/A	N/A	N/A	5968887
TetraCB-(44)+(47)+(65)	ng/g	0.0284	0.0049	0.029	N/A	N/A	N/A	5968887
TetraCB-(45)+(51)	ng/g	<0.0058	0.0058	0.019	N/A	N/A	N/A	5968887
22'36'-TetraCB-(46)	ng/g	<0.0068	0.0068	0.0095	N/A	N/A	N/A	5968887
22'45-TetraCB-(48)	ng/g	<0.0055	0.0055	0.0095	N/A	N/A	N/A	5968887
TetraCB-(49)+TetraCB-(69)	ng/g	0.0193	0.0047	0.019	N/A	N/A	N/A	5968887
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.019	N/A	N/A	N/A	5968887
22'55'-TetraCB-(52)	ng/g	0.0655	0.0053	0.0095	N/A	N/A	N/A	5968887
22'66'-TetraCB-(54)	ng/g	<0.00090	0.00090	0.0095	N/A	N/A	N/A	5968887
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	5968887
233'4'-Tetra CB(56)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968887
TetraCB-(59)+(62)+(75)	ng/g	<0.0038	0.0038	0.029	N/A	N/A	N/A	5968887
2344'-TetraCB -(60)	ng/g	0.0071	0.0030	0.0095	N/A	N/A	N/A	5968887
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0595	0.0029	0.038	N/A	N/A	N/A	5968887
234'5-TetraCB-(63)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968887
234'6-TetraCB-(64)	ng/g	0.0112	0.0042	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0283	0.0027	0.0095	N/A	N/A	N/A	5968887
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968887
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968887
23'55'-TetraCB-(72)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968887
23'5'6-TetraCB-(73)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	5968887
33'44'-TetraCB-(77)	ng/g	<0.0042	0.0042	0.0095	0.000100	0.000000420	N/A	5968887
33'45-TetraCB-(78)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968887
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968887
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968887
344'5-TetraCB-(81)	ng/g	<0.0042	0.0042	0.0095	0.000300	0.00000126	N/A	5968887
22'33'4-PentaCB-(82)	ng/g	<0.0071	0.0071	0.0095	N/A	N/A	N/A	5968887
PentaCB-(83)+(99)	ng/g	0.107	0.0067	0.019	N/A	N/A	N/A	5968887
22'33'6-PentaCB-(84)	ng/g	<0.0083	0.0083	0.0095	N/A	N/A	N/A	5968887
PentaCB-(85)+(116)+(117)	ng/g	0.0207	0.0050	0.029	N/A	N/A	N/A	5968887
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0321	0.0053	0.057	N/A	N/A	N/A	5968887
PentaCB-(88)+(91)	ng/g	<0.0068	0.0068	0.019	N/A	N/A	N/A	5968887
22'346'-PentaCB-(89)	ng/g	<0.0072	0.0072	0.0095	N/A	N/A	N/A	5968887
PentaCB-(90)+(101)+(113)	ng/g	0.133	0.0056	0.029	N/A	N/A	N/A	5968887
22'355'-PentaCB-(92)	ng/g	0.0265	0.0067	0.0095	N/A	N/A	N/A	5968887
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0069	0.0069	0.038	N/A	N/A	N/A	5968887
22'356'-PentaCB-(94)	ng/g	<0.0077	0.0077	0.0095	N/A	N/A	N/A	5968887
22'35'6-PentaCB-(95)	ng/g	0.0406	0.0066	0.0095	N/A	N/A	N/A	5968887
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	5968887
22'45'6-PentaCB-(103)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	5968887
22'466'-PentaCB-(104)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	5968887
233'44'-PentaCB-(105)	ng/g	<0.033 (1)	0.033	0.0095	0.0000300	0.000000990	N/A	5968887
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0094	0.0023	0.0095	N/A	N/A	N/A	5968887
PentaCB-(108)+(124)	ng/g	<0.0026	0.0026	0.019	N/A	N/A	N/A	5968887
PentaCB-(110)+(115)	ng/g	0.0644	0.0053	0.019	N/A	N/A	N/A	5968887
233'55'-PentaCB-(111)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968887
233'56-PentaCB-(112)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968887
2344'5-PentaCB-(114)	ng/g	<0.0035	0.0035	0.0095	0.0000300	0.000000105	N/A	5968887
23'44'5-PentaCB-(118)	ng/g	0.115	0.0034	0.0095	0.0000300	0.00000345	N/A	5968887
23'455'-PentaCB-(120)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968887
23'45'6-PentaCB-(121)	ng/g	<0.0049	0.0049	0.0095	N/A	N/A	N/A	5968887
233'4'5'-PentaCB-(122)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968887
23'44'5'-PentaCB-(123)	ng/g	<0.0039	0.0039	0.0095	0.0000300	0.000000117	N/A	5968887
33'44'5-PentaCB-(126)	ng/g	<0.0034	0.0034	0.0095	0.100	0.000340	N/A	5968887
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968887
HexaCB-(128)+(166)	ng/g	0.023	0.012	0.019	N/A	N/A	N/A	5968887
HexaCB-(129)+(138)+(163)	ng/g	0.243	0.012	0.029	N/A	N/A	N/A	5968887
22'33'45'-HexaCB-(130)	ng/g	<0.016	0.016	0.0095	N/A	N/A	N/A	5968887
22'33'46-HexaCB-(131)	ng/g	<0.017	0.017	0.0095	N/A	N/A	N/A	5968887
22'33'46'-HexaCB-(132)	ng/g	0.023	0.016	0.0095	N/A	N/A	N/A	5968887
22'33'55'-HexaCB-(133)	ng/g	<0.014	0.014	0.0095	N/A	N/A	N/A	5968887
HexaCB-(134)+(143)	ng/g	<0.016	0.016	0.019	N/A	N/A	N/A	5968887
HexaCB-(135)+(151)	ng/g	0.062	0.020	0.019	N/A	N/A	N/A	5968887
22'33'66'-HexaCB-(136)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
22'344'5-HexaCB-(137)	ng/g	<0.015	0.015	0.0095	N/A	N/A	N/A	5968887
HexaCB-(139)+(140)	ng/g	<0.013	0.013	0.019	N/A	N/A	N/A	5968887
22'3455'-HexaCB-(141)	ng/g	<0.015	0.015	0.0095	N/A	N/A	N/A	5968887
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.0095	N/A	N/A	N/A	5968887
22'345'6-HexaCB-(144)	ng/g	<0.021	0.021	0.0095	N/A	N/A	N/A	5968887
22'3466'-HexaCB-(145)	ng/g	<0.014	0.014	0.0095	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.053	0.012	0.0095	N/A	N/A	N/A	5968887
HexaCB-(147)+(149)	ng/g	0.115	0.013	0.019	N/A	N/A	N/A	5968887
22'34'56'-HexaCB-(148)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
22'34'66'-HexaCB-(150)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
22'3566'-HexaCB-(152)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
HexaCB-(153)+(168)	ng/g	0.277	0.010	0.0095	N/A	N/A	N/A	5968887
22'44'56'-HexaCB-(154)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
22'44'66'-HexaCB-(155)	ng/g	<0.0065	0.0065	0.0095	N/A	N/A	N/A	5968887
HexaCB-(156)+(157)	ng/g	0.0130	0.0081	0.019	0.0000300	0.000000390	N/A	5968887
233'44'6-HexaCB-(158)	ng/g	<0.0094	0.0094	0.0095	N/A	N/A	N/A	5968887
233'455'-HexaCB-(159)	ng/g	<0.0060	0.0060	0.0095	N/A	N/A	N/A	5968887
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.0095	N/A	N/A	N/A	5968887
233'45'6-HexaCB-(161)	ng/g	<0.0099	0.0099	0.0095	N/A	N/A	N/A	5968887
233'4'55'-HexaCB-(162)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	5968887
233'4'5'6-HexaCB-(164)	ng/g	<0.010	0.010	0.0095	N/A	N/A	N/A	5968887
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.0095	N/A	N/A	N/A	5968887
23'44'55'-HexaCB-(167)	ng/g	<0.0078	0.0078	0.0095	0.0000300	0.000000234	N/A	5968887
33'44'55'-HexaCB-(169)	ng/g	<0.0083	0.0083	0.0095	0.0300	0.000249	N/A	5968887
22'33'44'5-HeptaCB-(170)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(171)+(173)	ng/g	<0.018	0.018	0.019	N/A	N/A	N/A	5968887
22'33'455'-HeptaCB-(172)	ng/g	<0.019	0.019	0.0095	N/A	N/A	N/A	5968887
22'33'456'-HeptaCB-(174)	ng/g	<0.017	0.017	0.0095	N/A	N/A	N/A	5968887
22'33'45'6-HeptaCB-(175)	ng/g	<0.028	0.028	0.0095	N/A	N/A	N/A	5968887
22'33'466'-HeptaCB-(176)	ng/g	<0.020	0.020	0.0095	N/A	N/A	N/A	5968887
22'33'45'6'-HeptaCB-(177)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
22'33'55'6-HeptaCB-(178)	ng/g	<0.029	0.029	0.0095	N/A	N/A	N/A	5968887
22'33'566'-HeptaCB-(179)	ng/g	<0.020	0.020	0.0095	N/A	N/A	N/A	5968887
HeptaCB-(180)+(193)	ng/g	0.041	0.013	0.019	N/A	N/A	N/A	5968887

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
22'344'56'-HeptaCB-(182)	ng/g	<0.029	0.029	0.0095	N/A	N/A	N/A	5968887
22'344'5'6-HeptaCB-(183)	ng/g	<0.012	0.012	0.0095	N/A	N/A	N/A	5968887
22'344'66'-HeptaCB-(184)	ng/g	<0.020	0.020	0.0095	N/A	N/A	N/A	5968887
22'3455'6-HeptaCB-(185)	ng/g	<0.029	0.029	0.0095	N/A	N/A	N/A	5968887
22'34566'-HeptaCB-(186)	ng/g	<0.022	0.022	0.0095	N/A	N/A	N/A	5968887
22'34'55'6-HeptaCB-(187)	ng/g	0.073	0.027	0.0095	N/A	N/A	N/A	5968887
22'34'566'-HeptaCB-(188)	ng/g	<0.014	0.014	0.0095	N/A	N/A	N/A	5968887
233'44'55'-HeptaCB-(189)	ng/g	<0.0053	0.0053	0.0095	0.0000300	0.000000159	N/A	5968887
233'44'56-HeptaCB-(190)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
233'44'5'6-HeptaCB-(191)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
233'455'6-HeptaCB-(192)	ng/g	<0.015	0.015	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'-OctaCB-(194)	ng/g	<0.0089	0.0089	0.0095	N/A	N/A	N/A	5968887
22'33'44'56-OctaCB-(195)	ng/g	<0.0098	0.0098	0.0095	N/A	N/A	N/A	5968887
22'33'44'56'-OctaCB-(196)	ng/g	<0.022	0.022	0.0095	N/A	N/A	N/A	5968887
22'33'44'66'OctaCB-(197)	ng/g	<0.018	0.018	0.0095	N/A	N/A	N/A	5968887
OctaCB-(198)+(199)	ng/g	<0.023	0.023	0.019	N/A	N/A	N/A	5968887
22'33'4566'-OctaCB-(200)	ng/g	<0.015	0.015	0.0095	N/A	N/A	N/A	5968887
22'33'45'66'-OctaCB-(201)	ng/g	<0.016	0.016	0.0095	N/A	N/A	N/A	5968887
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.0095	N/A	N/A	N/A	5968887
22'344'55'6-OctaCB-(203)	ng/g	<0.022	0.022	0.0095	N/A	N/A	N/A	5968887
22'344'566'-OctaCB-(204)	ng/g	<0.016	0.016	0.0095	N/A	N/A	N/A	5968887
233'44'55'6-OctaCB-(205)	ng/g	<0.010	0.010	0.0095	N/A	N/A	N/A	5968887
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.0095	N/A	N/A	N/A	5968887
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.0095	N/A	N/A	N/A	5968887
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.0095	N/A	N/A	N/A	5968887
DecaCB-(209)	ng/g	<0.033	0.033	0.0095	N/A	N/A	N/A	5968887
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000596	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'44'5-HeptaCB-(170)	%	137	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'455'66'-NonaCB-(208)	%	99	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'66'-OctaCB-(202)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'33'55'6-HeptaCB-(178)	%	82	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'344'55'-HeptaCB-(180)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'44'66'-HexaCB-(155)	%	133	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	5968887
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'44'-PentaCB-(105)	%	66	N/A	N/A	N/A	N/A	N/A	5968887
C13-233'55'-PentaCB-(111)	%	76	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-2344'5-PentaCB-(114)	%	65	N/A	N/A	N/A	N/A	N/A	5968887
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'5-PentaCB-(126)	%	50	N/A	N/A	N/A	N/A	N/A	5968887
C13-33'44'-TetraCB-(77)	%	54	N/A	N/A	N/A	N/A	N/A	5968887
C13-344'5-TetraCB-(81)	%	55	N/A	N/A	N/A	N/A	N/A	5968887

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ962						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C16 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	5968887
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	5968887
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	5968887
C13-DecaCB-(209)	%	67	N/A	N/A	N/A	N/A	N/A	5968887
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	5968887

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0111	0.0013	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.0021	0.0014	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0022	0.0014	0.0099	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0088	0.0013	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0027	0.0027	0.030	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0082	0.0026	0.030	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0048	0.0023	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0120	0.0027	0.0099	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0020	0.0020	0.030	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0035	0.0020	0.0099	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0248	0.0018	0.039	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	<0.0040 (1)	0.0040	0.0099	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0165	0.0018	0.0099	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.0099	0.000100	0.000000210	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0211	0.0025	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	<0.0025 (1)	0.0025	0.030	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0119	0.0019	0.059	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0249	0.0020	0.030	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0041	0.0025	0.0099	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.039	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0084	0.0023	0.0099	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	<0.0066 (1)	0.0066	0.0099	0.0000300	0.000000198	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	<0.015 (1)	0.015	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0026	0.0026	0.0099	0.0000300	0.0000000780	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0224	0.0027	0.0099	0.0000300	0.000000672	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0029	0.0029	0.0099	0.0000300	0.0000000870	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.0099	0.100	0.000250	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0059	0.0039	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0245	0.0044	0.030	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0096	0.0027	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0154	0.0052	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	<0.032 (1)	0.032	0.0099	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	<0.0048	0.0048	0.020	0.0000300	0.000000144	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0045	0.0045	0.0099	0.0000300	0.000000135	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.0099	0.0300	0.000141	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	<0.0067 (1)	0.0067	0.0099	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0056	0.0056	0.0099	0.0000300	0.000000168	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6076141

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000393	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	70	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	133	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	67	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	54	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	53	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	51	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	55	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	54	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	31	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	44	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ997						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	48	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	50	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	56	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	54	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	51	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.00356	0.00080	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0233	0.0010	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0023	0.0011	0.010	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0011 (1)	0.0011	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0166	0.00098	0.010	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0063	0.0013	0.010	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0044 (1)	0.0044	0.030	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0087	0.0019	0.010	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0516	0.0015	0.030	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0345	0.0014	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.101	0.0016	0.010	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0066	0.0014	0.010	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0030	0.0012	0.030	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0206	0.0014	0.010	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.134	0.0013	0.040	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0252	0.0012	0.010	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0744	0.0013	0.010	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0067	0.0015	0.010	0.000100	0.000000670	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0013	0.0012	0.010	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.010	0.000300	0.000000450	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.205	0.0012	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0146	0.0013	0.010	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0380	0.00090	0.030	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0796	0.00094	0.060	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0129	0.0011	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.201	0.00098	0.030	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0372	0.0012	0.010	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0616	0.0011	0.010	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0782	0.0024	0.010	0.0000300	0.00000235	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0176	0.0021	0.010	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0050	0.0024	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.165	0.00092	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0047	0.0023	0.010	0.0000300	0.000000141	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.231	0.0024	0.010	0.0000300	0.00000693	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0026 (1)	0.0026	0.010	0.0000300	0.0000000780	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.010	0.100	0.000220	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0387	0.0022	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.282	0.0024	0.030	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0099 (1)	0.0099	0.010	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0270	0.0029	0.010	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	0.0047	0.0027	0.010	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0566	0.0010	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.00976	0.00082	0.010	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	0.0036	0.0025	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0171	0.0027	0.010	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0055	0.0010	0.010	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0494	0.0024	0.010	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.111	0.0029	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.320	0.0021	0.010	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	<0.020 (1)	0.020	0.020	0.0000300	0.000000600	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0171	0.0018	0.010	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0075	0.0018	0.010	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0099	0.0014	0.010	0.0000300	0.000000297	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.010	0.0300	0.0000450	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0170	0.0023	0.010	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0088 (2)	0.0088	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0083	0.0030	0.010	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.00173	0.00075	0.010	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0105	0.0033	0.010	N/A	N/A	N/A	6076141

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0098 (1)	0.0098	0.010	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.00899	0.00072	0.010	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0498	0.0023	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0180	0.0030	0.010	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0514	0.00086	0.010	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0020	0.0020	0.010	0.0000300	0.0000000600	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0044	0.0017	0.010	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0057	0.0030	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0041	0.0025	0.010	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000277	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	121	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	54	N/A	N/A	N/A	N/A	N/A	6076141

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RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IQZ999						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C02 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051	0.00051	0.0095	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.0095	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	0.0039	0.0022	0.0095	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0051 (1)	0.0051	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0298	0.0011	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	0.0024	0.0012	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0043	0.0012	0.0095	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0017 (1)	0.0017	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0211	0.0011	0.0095	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0067	0.0015	0.0095	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0097	0.0020	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0116	0.0024	0.0095	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0572	0.0019	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0031 (1)	0.0031	0.0095	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0312	0.0017	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0926	0.0020	0.0095	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00096	0.00096	0.0095	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0118	0.0016	0.0095	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0037 (1)	0.0037	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0206	0.0015	0.0095	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.126	0.0014	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0040	0.0014	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0231	0.0016	0.0095	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0743	0.0014	0.0095	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0058	0.0016	0.0095	0.000100	0.000000580	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0095	0.000300	0.000000480	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0077	0.0022	0.0095	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.185	0.0021	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.016 (1)	0.016	0.0095	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0406	0.0016	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0797	0.0016	0.057	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0142	0.0019	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.191	0.0017	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	<0.037 (1)	0.037	0.0095	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0822	0.0019	0.0095	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0704	0.0016	0.0095	0.0000300	0.00000211	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0172	0.0014	0.0095	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0057	0.0016	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.161	0.0016	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0039 (1)	0.0039	0.0095	0.0000300	0.000000117	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.200	0.0016	0.0095	0.0000300	0.00000600	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0017	0.0017	0.0095	0.0000300	0.0000000510	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0095	0.100	0.000150	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0345	0.0040	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.258	0.0045	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0122	0.0055	0.0095	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0095	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0341	0.0054	0.0095	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0064	0.0064	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0608	0.0014	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0121	0.0011	0.0095	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.010 (1)	0.010	0.0095	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0216	0.0049	0.0095	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0062 (1)	0.0062	0.0095	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0403	0.0045	0.0095	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.134	0.0053	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.260	0.0038	0.0095	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0038 (1)	0.0038	0.0095	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	<0.017 (1)	0.017	0.019	0.0000300	0.000000510	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0163	0.0033	0.0095	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0089	0.0033	0.0095	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0071 (1)	0.0071	0.0095	0.0000300	0.000000213	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0095	0.0300	0.0000480	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0197	0.0022	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0096	0.0031	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.014 (1)	0.014	0.0095	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0026 (1)	0.0026	0.0095	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.013 (1)	0.013	0.0095	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0103	0.0013	0.0095	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0138	0.00096	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0486	0.0023	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0195	0.0029	0.0095	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00091	0.00091	0.0095	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0582	0.0011	0.0095	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0095	0.0000300	0.0000000810	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0027 (2)	0.0027	0.0095	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0047	0.0029	0.0095	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0025 (2)	0.0025	0.0095	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0090	0.0023	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0037	0.0019	0.0095	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	0.0066	0.0021	0.0095	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.0095	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0057	0.0057	0.0095	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0044	0.0044	0.0095	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000208	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	136	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	129	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	80	N/A	N/A	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA001						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C03 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	58	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0063	0.0019	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0419	0.0014	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0044	0.0016	0.0098	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.0019	0.0015	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0307	0.0014	0.0098	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0080	0.0020	0.0098	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0107	0.0019	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0134	0.0023	0.0098	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0025 (1)	0.0025	0.0098	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0915	0.0018	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0066	0.0019	0.0098	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0580	0.0018	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.173	0.0017	0.0098	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0146	0.0019	0.0098	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0053 (1)	0.0053	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0307	0.0018	0.0098	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.253	0.0017	0.039	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0074	0.0017	0.0098	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	0.0506	0.0015	0.0098	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.141	0.0017	0.0098	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	0.0024	0.0017	0.0098	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	0.0028	0.0018	0.0098	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0106	0.0019	0.0098	0.000100	0.00000106	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0032	0.0015	0.0098	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0103	0.0025	0.0098	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.348	0.0023	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0304	0.0025	0.0098	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0730	0.0017	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.179	0.0019	0.059	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0311	0.0022	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.458	0.0019	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0814	0.0023	0.0098	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.039	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.136	0.0022	0.0098	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00028	0.00028	0.0098	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	0.0037	0.0021	0.0098	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.163	0.0025	0.0098	0.0000300	0.00000489	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0347	0.0019	0.0098	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0125	0.0023	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.414	0.0018	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0112	0.0024	0.0098	0.0000300	0.000000336	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.479	0.0025	0.0098	0.0000300	0.0000144	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0044 (1)	0.0044	0.0098	0.0000300	0.000000132	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0098	0.100	0.000230	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0745	0.0022	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.559	0.0025	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0283	0.0031	0.0098	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0585	0.0029	0.0098	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	0.0103	0.0028	0.0098	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0095	0.0031	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.113	0.0014	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.013 (1)	0.013	0.0098	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0249	0.0026	0.0098	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	0.0063	0.0025	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0516	0.0025	0.0098	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	<0.011 (1)	0.011	0.0098	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0857	0.0022	0.0098	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.257	0.0026	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.501	0.0021	0.0098	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0062 (1)	0.0062	0.0098	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0500	0.0032	0.020	0.0000300	0.00000150	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0428	0.0019	0.0098	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0172	0.0020	0.0098	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0220	0.0030	0.0098	0.0000300	0.000000660	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0098	0.0300	0.0000960	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0302	0.0021	0.0098	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0146	0.0028	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	0.0083	0.0028	0.0098	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0250	0.0027	0.0098	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.0044	0.0017	0.0098	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0252	0.0029	0.0098	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0224	0.0024	0.0098	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0191	0.0016	0.0098	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.104	0.0021	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0240	0.0023	0.0098	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0932	0.0019	0.0098	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0022 (1)	0.0022	0.0098	0.0000300	0.0000000660	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	0.0066	0.0020	0.0098	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0099 (1)	0.0099	0.0098	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	0.0072	0.0023	0.0098	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0150	0.0023	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0022 (1)	0.0022	0.0098	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0061	0.0019	0.0098	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	0.0074	0.0020	0.0098	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000350	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	119	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	90	N/A	N/A	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0095	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0017 (1)	0.0017	0.0095	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0076	0.0013	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0432	0.0013	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0016 (1)	0.0016	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0049	0.0014	0.0095	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.0023	0.0013	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0312	0.0012	0.0095	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0085	0.0018	0.0095	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0102	0.0020	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0135	0.0024	0.0095	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	0.0035	0.0026	0.0095	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0952	0.0019	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0057 (1)	0.0057	0.0095	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0576	0.0019	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.167	0.0018	0.0095	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00056	0.00056	0.0095	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0163	0.0015	0.0095	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0062	0.0015	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0326	0.0014	0.0095	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.269	0.0014	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0083	0.0014	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0500	0.0016	0.0095	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.165	0.0013	0.0095	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	0.0020	0.0013	0.0095	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0024 (1)	0.0024	0.0095	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0098	0.0016	0.0095	0.000100	0.000000980	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0034	0.0013	0.0095	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0095	0.000300	0.000000480	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0106	0.0018	0.0095	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.347	0.0016	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0298	0.0018	0.0095	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0767	0.0013	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.177	0.0014	0.057	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0306	0.0016	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.498	0.0014	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0801	0.0017	0.0095	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032 (1)	0.0032	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.137	0.0016	0.0095	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0029 (1)	0.0029	0.0095	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00026	0.00026	0.0095	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.170	0.0017	0.0095	0.0000300	0.00000510	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0325	0.0013	0.0095	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0133	0.0015	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.401	0.0013	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0108	0.0016	0.0095	0.0000300	0.000000324	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.524	0.0017	0.0095	0.0000300	0.0000157	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0020 (1)	0.0020	0.0095	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0074	0.0018	0.0095	0.0000300	0.000000222	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0095	0.100	0.000160	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0722	0.0016	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.582	0.0018	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0303	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	0.0033	0.0023	0.0095	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0629	0.0021	0.0095	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0098 (1)	0.0098	0.0095	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0117	0.0022	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.110	0.0015	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.013 (1)	0.013	0.0095	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0262	0.0018	0.0095	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	0.0052	0.0018	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0531	0.0018	0.0095	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0125	0.0014	0.0095	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0798	0.0016	0.0095	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.237	0.0018	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.490	0.0015	0.0095	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	0.0071	0.0012	0.0095	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0559	0.0013	0.019	0.0000300	0.00000168	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0444	0.0013	0.0095	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	0.0023	0.0012	0.0095	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.015 (1)	0.015	0.0095	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0206	0.0012	0.0095	0.0000300	0.000000618	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0095	0.0300	0.0000390	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0331	0.0015	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0159	0.0020	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	0.0095	0.0020	0.0095	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0234	0.0019	0.0095	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.0046	0.0012	0.0095	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0267	0.0020	0.0095	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0221	0.0016	0.0095	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0198	0.0011	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.115	0.0015	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0258	0.0016	0.0095	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.103	0.0013	0.0095	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0095	0.0000300	0.0000000450	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	0.0078	0.0014	0.0095	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	0.0020	0.0014	0.0095	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0133	0.0023	0.0095	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0028 (1)	0.0028	0.0095	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	0.0085	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0159	0.0022	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0040 (2)	0.0040	0.0095	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0071	0.0019	0.0095	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0082 (1)	0.0082	0.0095	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000224	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	130	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	135	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	117	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	123	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	119	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA003						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 MEAT Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	119	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	107	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0150	0.0012	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0025	0.0013	0.0099	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.0013	0.0012	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0127	0.0012	0.0099	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0023	0.0017	0.0099	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0012	0.0012	0.030	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0038	0.0014	0.0099	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0232	0.0011	0.030	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0129	0.0011	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0385	0.0011	0.0099	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0046	0.0017	0.0099	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.00091	0.00091	0.030	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0098	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0737	0.0016	0.040	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	<0.0092 (1)	0.0092	0.0099	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0388	0.0015	0.0099	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0030	0.0018	0.0099	0.000100	0.000000300	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0099	0.000300	0.000000540	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0833	0.0016	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.0062 (1)	0.0062	0.0099	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0172	0.0012	0.030	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0393	0.0014	0.060	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0048	0.0016	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0947	0.0014	0.030	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.040	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0356	0.0015	0.0099	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0343	0.0021	0.0099	0.0000300	0.00000103	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0071	0.0017	0.0099	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0032	0.0019	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0764	0.0013	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0028	0.0021	0.0099	0.0000300	0.0000000840	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.110	0.0021	0.0099	0.0000300	0.00000330	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0026 (1)	0.0026	0.0099	0.0000300	0.0000000780	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.0099	0.100	0.000200	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0187	0.0021	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.142	0.0024	0.030	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0085	0.0029	0.0099	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0153	0.0028	0.0099	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0320	0.0010	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.00519	0.00077	0.0099	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0049	0.0024	0.0099	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0077	0.0024	0.0099	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	<0.019 (1)	0.019	0.0099	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0714	0.0024	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.152	0.0020	0.0099	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	<0.010 (1)	0.010	0.020	0.0000300	0.000000300	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0076	0.0017	0.0099	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0032 (1)	0.0032	0.0099	0.0000300	0.000000096	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0056 (1)	0.0056	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0079	0.0041	0.0099	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	<0.0044 (1)	0.0044	0.0099	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0072	0.0013	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	<0.021 (1)	0.021	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0073	0.0033	0.0099	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0303	0.0015	0.0099	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0029	0.0029	0.0099	0.0000300	0.0000000870	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000245	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	66	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA005						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C05 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6076141

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00057	0.00057	0.0097	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.0097	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.0097	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.00097	0.00097	0.0097	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0010	0.0010	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0100	0.0010	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0066	0.0010	0.0097	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00091	0.00091	0.0097	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0025	0.0015	0.0097	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.0097	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0107	0.0021	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0069	0.0020	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	<0.013 (1)	0.013	0.0097	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00075	0.00075	0.0097	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0025	0.0015	0.0097	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	<0.0040 (1)	0.0040	0.0097	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0331	0.0013	0.039	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	<0.0044 (1)	0.0044	0.0097	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0176	0.0013	0.0097	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0015	0.0015	0.0097	0.000100	0.000000150	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.0097	0.000300	0.000000450	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0308	0.00096	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0049	0.0011	0.0097	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	<0.0062 (1)	0.0062	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0176	0.00082	0.058	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	<0.0025 (1)	0.0025	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.0390	0.00082	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.00755	0.00097	0.0097	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00098	0.00098	0.039	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0161	0.00092	0.0097	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.0097	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.00089	0.00089	0.0097	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00039	0.00039	0.0097	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0166	0.0013	0.0097	0.0000300	0.000000498	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.00250	0.00098	0.0097	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0341	0.00078	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.00068	0.00068	0.0097	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0097	0.0000300	0.0000000360	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.0467	0.0013	0.0097	0.0000300	0.00000140	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.00066	0.00066	0.0097	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0097	0.0000300	0.0000000390	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0097	0.100	0.000120	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0084	0.0025	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.0565	0.0028	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	<0.0064 (1)	0.0064	0.0097	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0115	0.0011	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.0017 (1)	0.0017	0.0097	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00082	0.00082	0.0097	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0072	0.0025	0.0097	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0291	0.0028	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.0533	0.0024	0.0097	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.00090	0.00090	0.0097	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00083	0.00083	0.0097	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.00469	0.00079	0.019	0.0000300	0.000000141	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.0045 (1)	0.0045	0.0097	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.00074	0.00074	0.0097	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.00074	0.00074	0.0097	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.00160	0.00073	0.0097	0.0000300	0.0000000480	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.00078	0.00078	0.0097	0.0300	0.0000234	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0023 (1)	0.0023	0.0097	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.00294	0.00099	0.0097	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0085	0.0016	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0029	0.0018	0.0097	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.00098	0.00098	0.0097	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	<0.0098 (1)	0.0098	0.0097	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0097	0.0000300	0.0000000810	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000146	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	139	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	128	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	139	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA007						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C06 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00076	0.00076	0.0095	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00072	0.00072	0.0095	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0041	0.0041	0.0095	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0040	0.0040	0.0095	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0035	0.0035	0.0095	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0037	0.0037	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0022	0.0016	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0580	0.0012	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0036	0.0013	0.0095	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0385	0.0012	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0079	0.0017	0.0095	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0063 (1)	0.0063	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0072	0.0024	0.0095	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0723	0.0019	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0025 (1)	0.0025	0.0095	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0308	0.0018	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.145	0.0017	0.0095	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00055	0.00055	0.0095	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0093	0.0016	0.0095	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0037	0.0015	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0416	0.0015	0.0095	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.313	0.0015	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0110	0.0015	0.0095	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	0.0410	0.0016	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.187	0.0014	0.0095	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0019 (1)	0.0019	0.0095	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0025 (1)	0.0025	0.0095	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0128	0.0017	0.0095	0.000100	0.00000128	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0039	0.0013	0.0095	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0095	0.000300	0.000000510	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0056	0.0014	0.0095	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.452	0.0013	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.020 (1)	0.020	0.0095	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0907	0.0010	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.179	0.0011	0.057	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0299	0.0013	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.649	0.0011	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0961	0.0013	0.0095	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0976	0.0013	0.0095	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00022	0.00022	0.0095	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00021	0.00021	0.0095	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.251	0.0020	0.0095	0.0000300	0.00000753	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0469	0.0015	0.0095	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0161	0.0018	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.475	0.0011	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.00094	0.00094	0.0095	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.00093	0.00093	0.0095	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0154	0.0019	0.0095	0.0000300	0.000000462	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.744	0.0020	0.0095	0.0000300	0.0000223	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.00091	0.00091	0.0095	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.00095	0.00095	0.0095	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0062 (1)	0.0062	0.0095	0.0000300	0.000000186	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0095	0.100	0.000180	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.107	0.0041	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.973	0.0046	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0407	0.0057	0.0095	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0095	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0710	0.0054	0.0095	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.017 (1)	0.017	0.0095	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0110	0.0057	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.161	0.0016	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	<0.014 (1)	0.014	0.0095	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.032 (1)	0.032	0.0095	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0549	0.0047	0.0095	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.0095	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	0.0133	0.0015	0.0095	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.155	0.0041	0.0095	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.394	0.0047	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.707	0.0039	0.0095	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0049 (1)	0.0049	0.0095	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0820	0.0024	0.019	0.0000300	0.00000246	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.042 (1)	0.042	0.0095	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	0.0033	0.0022	0.0095	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0301	0.0037	0.0095	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0285	0.0022	0.0095	0.0000300	0.000000855	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0095	0.0300	0.0000690	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0445	0.0039	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0257	0.0053	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	0.0122	0.0052	0.0095	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0216	0.0050	0.0095	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0058 (1)	0.0058	0.0095	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.043 (2)	0.043	0.0095	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0396	0.0021	0.0095	N/A	N/A	N/A	6076141

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RDL = Reportable Detection Limit

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QC Batch = Quality Control Batch

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0309	0.0015	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.132	0.0039	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0294	0.0043	0.0095	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0058	0.0058	0.0095	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.177	0.0018	0.0095	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0060	0.0060	0.0095	0.0000300	0.000000180	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	0.0101	0.0038	0.0095	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0100	0.0027	0.0095	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060 (1)	0.0060	0.0095	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0129	0.0045	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	0.0056	0.0033	0.0095	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0090 (1)	0.0090	0.0095	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0070 (1)	0.0070	0.0095	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0071	0.0071	0.0095	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0061	0.0061	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.0095	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0057	0.0057	0.0095	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000285	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	135	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	72	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	69	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	54	N/A	N/A	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA009						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C07 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	73	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0095	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0095	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00042	0.00042	0.0095	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0016 (1)	0.0016	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0235	0.00066	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.00069	0.00069	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.00292	0.00071	0.0095	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00093	0.00093	0.0095	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0012 (1)	0.0012	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00093	0.00093	0.0095	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0220	0.00063	0.0095	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.00085	0.00085	0.0095	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00070	0.00070	0.0095	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00070	0.00070	0.0095	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00058	0.00058	0.0095	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.00356	0.00093	0.0095	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00062	0.00062	0.0095	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0032	0.0015	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	<0.0059 (1)	0.0059	0.0095	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0507	0.0015	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0312	0.0014	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.145	0.0014	0.0095	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0101	0.0021	0.0095	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0029	0.0012	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0175	0.0020	0.0095	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.179	0.0020	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0061 (1)	0.0061	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0236	0.0012	0.0095	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0838	0.0019	0.0095	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0019 (1)	0.0019	0.0095	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	0.0023	0.0020	0.0095	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0062	0.0022	0.0095	0.000100	0.000000620	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0020	0.0017	0.0095	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0095	0.000300	0.000000660	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0043 (1)	0.0043	0.0095	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.275	0.0015	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0180	0.0016	0.0095	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0575	0.0011	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.131	0.0013	0.057	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0176	0.0015	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.469	0.0013	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0922	0.0015	0.0095	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.102	0.0014	0.0095	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00021	0.00021	0.0095	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0095	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.166	0.0013	0.0095	0.0000300	0.00000498	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
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	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0388	0.0010	0.0095	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0157	0.0012	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.377	0.0012	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0092	0.0013	0.0095	0.0000300	0.000000276	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.553	0.0013	0.0095	0.0000300	0.0000166	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0063	0.0014	0.0095	0.0000300	0.000000189	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0095	0.100	0.000120	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0940	0.0035	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.794	0.0039	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0386	0.0048	0.0095	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0567	0.0046	0.0095	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	0.0170	0.0043	0.0095	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0121	0.0048	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.150	0.0014	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0111	0.0011	0.0095	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0307	0.0040	0.0095	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0038	0.0038	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0526	0.0039	0.0095	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0097 (1)	0.0097	0.0095	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.131	0.0035	0.0095	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.266	0.0040	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.666	0.0033	0.0095	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0059 (1)	0.0059	0.0095	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0670	0.0025	0.019	0.0000300	0.00000201	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0437	0.0029	0.0095	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0210	0.0031	0.0095	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0263	0.0023	0.0095	0.0000300	0.000000789	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0095	0.0300	0.0000750	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.032 (1)	0.032	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.014 (1)	0.014	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	0.0093	0.0032	0.0095	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0247	0.0031	0.0095	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.0036	0.0012	0.0095	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.037 (1)	0.037	0.0095	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0336	0.0017	0.0095	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0252	0.0012	0.0095	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.118	0.0024	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0255	0.0027	0.0095	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.154	0.0014	0.0095	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0025 (1)	0.0025	0.0095	0.0000300	0.0000000750	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0094 (1)	0.0094	0.0095	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.010 (1)	0.010	0.0095	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0054 (1)	0.0054	0.0095	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0093	0.0037	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0077 (1)	0.0077	0.0095	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0062 (1)	0.0062	0.0095	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.0095	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000221	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	117	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	122	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA011						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	79	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	75	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	79	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.0093	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00050	0.00050	0.0093	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.0093	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.0093	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0042	0.0042	0.0093	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0040	0.0040	0.0093	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0038	0.0038	0.0093	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0036	0.0036	0.0093	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0037	0.0037	0.0093	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0025	0.0025	0.0093	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0039	0.0039	0.0093	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0037	0.0037	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.0093	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.0093	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.0093	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0028 (1)	0.0028	0.0093	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0089	0.0017	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0093	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0529	0.0015	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0039 (1)	0.0039	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0060 (1)	0.0060	0.0093	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.0033	0.0015	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0398	0.0014	0.0093	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0147	0.0021	0.0093	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.013 (1)	0.013	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0175	0.0040	0.0093	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0043	0.0043	0.0093	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0877	0.0032	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0041	0.0041	0.0093	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0081 (1)	0.0081	0.0093	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0532	0.0031	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0034	0.0034	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.139	0.0030	0.0093	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00078	0.00078	0.0093	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0244	0.0016	0.0093	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0059 (1)	0.0059	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0361	0.0015	0.0093	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.237	0.0015	0.037	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0054	0.0015	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0480	0.0027	0.0093	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.130	0.0014	0.0093	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0015 (1)	0.0015	0.0093	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0114	0.0017	0.0093	0.000100	0.00000114	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0019 (1)	0.0019	0.0093	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0093	0.000300	0.000000510	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0098	0.0041	0.0093	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.222	0.0037	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.020 (1)	0.020	0.0093	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0457	0.0029	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.113	0.0032	0.056	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0190	0.0037	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.0093	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.257	0.0032	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0473	0.0038	0.0093	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.037	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.0093	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0949	0.0036	0.0093	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0035	0.0035	0.0093	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.101	0.0017	0.0093	0.0000300	0.00000303	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0174	0.0013	0.0093	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0052	0.0015	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.222	0.0030	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0055 (1)	0.0055	0.0093	0.0000300	0.000000165	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.256	0.0017	0.0093	0.0000300	0.00000768	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0041	0.0018	0.0093	0.0000300	0.000000123	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0093	0.100	0.000160	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0438	0.0043	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.350	0.0049	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.014 (1)	0.014	0.0093	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0062	0.0062	0.0093	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	<0.033 (1)	0.033	0.0093	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0062 (1)	0.0062	0.0093	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0060	0.0060	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0718	0.0016	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0111	0.0012	0.0093	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.012 (1)	0.012	0.0093	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0047	0.0047	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	<0.016 (1)	0.016	0.0093	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0058	0.0058	0.0093	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0081	0.0015	0.0093	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0498	0.0043	0.0093	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.117	0.0049	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.348	0.0041	0.0093	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0039 (1)	0.0039	0.0093	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0262	0.0022	0.019	0.0000300	0.000000786	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0209	0.0036	0.0093	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0093	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0041	0.0041	0.0093	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0107	0.0039	0.0093	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.0093	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0088	0.0020	0.0093	0.0000300	0.000000264	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0093	0.0300	0.0000630	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0174	0.0047	0.0093	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0117	0.0064	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0063	0.0063	0.0093	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0091 (2)	0.0091	0.0093	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.0038	0.0016	0.0093	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0119	0.0065	0.0093	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0169	0.0021	0.0093	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	<0.012 (1)	0.012	0.0093	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0530	0.0048	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0060	0.0060	0.0093	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0093	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0158	0.0053	0.0093	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0070	0.0070	0.0093	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0669	0.0018	0.0093	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0093	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0036	0.0036	0.0093	0.0000300	0.000000108	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0046	0.0046	0.0093	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0044	0.0044	0.0093	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0048	0.0048	0.0093	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048 (1)	0.0048	0.0093	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0093	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0035	0.0035	0.0093	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0067 (1)	0.0067	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0093	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0056	0.0030	0.0093	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0055 (2)	0.0055	0.0093	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0054	0.0054	0.0093	N/A	N/A	N/A	6076141

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RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0047	0.0047	0.0093	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0057	0.0057	0.0093	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0058	0.0058	0.0093	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000237	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	127	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	130	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6076141

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA013						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C09 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	78	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00068	0.00068	0.0096	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.0096	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0034	0.0034	0.0096	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0034	0.0034	0.0096	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0034	0.0034	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0023 (1)	0.0023	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0134	0.0014	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0085	0.0013	0.0096	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0029	0.0019	0.0096	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0036 (1)	0.0036	0.029	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0032	0.0029	0.0096	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0201	0.0023	0.029	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0137	0.0022	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0418	0.0022	0.0096	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0044	0.0032	0.0096	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.029	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0075	0.0030	0.0096	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0614	0.0030	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0079 (1)	0.0079	0.0096	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0307	0.0028	0.0096	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0033	0.0033	0.0096	0.000100	0.000000330	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0033	0.0033	0.0096	0.000300	0.000000990	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0810	0.0026	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0084	0.0029	0.0096	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	<0.014 (1)	0.014	0.029	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0451	0.0022	0.058	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0065	0.0026	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.109	0.0022	0.029	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0194	0.0026	0.0096	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0027	0.0027	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0404	0.0025	0.0096	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00034	0.00034	0.0096	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0419	0.0033	0.0096	0.0000300	0.00000126	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0064	0.0026	0.0096	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.103	0.0021	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0032	0.0032	0.0096	0.0000300	0.000000096	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.119	0.0034	0.0096	0.0000300	0.00000357	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0036	0.0036	0.0096	0.0000300	0.000000108	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.0096	0.100	0.000310	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0220	0.0048	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.147	0.0054	0.029	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0067	0.0067	0.0096	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0070	0.0070	0.0096	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	<0.017 (1)	0.017	0.0096	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0059	0.0059	0.0096	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0067	0.0067	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0277	0.0015	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0060	0.0012	0.0096	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0055	0.0055	0.0096	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0053	0.0053	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0109	0.0055	0.0096	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0065	0.0065	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0030 (1)	0.0030	0.0096	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0191	0.0048	0.0096	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0686	0.0055	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.129	0.0046	0.0096	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0124	0.0014	0.019	0.0000300	0.000000372	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.011 (1)	0.011	0.0096	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.0096	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.0096	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0044	0.0044	0.0096	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0044 (1)	0.0044	0.0096	0.0000300	0.000000132	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0096	0.0300	0.0000420	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0067 (1)	0.0067	0.0096	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0037	0.0035	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	<0.0053 (1)	0.0053	0.0096	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0065	0.0036	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0041 (1)	0.0041	0.0096	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0057	0.0018	0.0096	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0208	0.0026	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0070	0.0029	0.0096	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0228	0.0022	0.0096	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.0096	0.0000300	0.0000000840	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0036	0.0036	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000359	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	117	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	116	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA015						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C10 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	0.0023	0.0015	0.0099	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0254	0.00047	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.00322	0.00051	0.0099	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	0.00499	0.00048	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0198	0.00046	0.0099	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.00381	0.00066	0.0099	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0097	0.0022	0.030	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0109	0.0027	0.0099	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0590	0.0021	0.030	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0058	0.0022	0.0099	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0459	0.0021	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.110	0.0020	0.0099	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0116	0.0017	0.0099	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0041 (1)	0.0041	0.030	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0114	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.133	0.0016	0.040	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0039	0.0016	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0234	0.0018	0.0099	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0597	0.0015	0.0099	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0031 (1)	0.0031	0.0099	0.000100	0.000000310	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0099	0.000300	0.000000540	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	<0.0085 (1)	0.0085	0.0099	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.165	0.0031	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0179	0.0035	0.0099	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	<0.027 (1)	0.027	0.030	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0947	0.0027	0.059	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0173	0.0031	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.220	0.0027	0.030	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0410	0.0032	0.0099	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.040	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0868	0.0030	0.0099	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00023	0.00023	0.0099	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00023	0.00023	0.0099	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0673	0.0025	0.0099	0.0000300	0.00000202	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.0131	0.0020	0.0099	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0044	0.0023	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.190	0.0025	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	<0.0035 (1)	0.0035	0.0099	0.0000300	0.000000105	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.202	0.0025	0.0099	0.0000300	0.00000606	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0028	0.0027	0.0099	0.0000300	0.0000000840	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.0099	0.100	0.000240	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0327	0.0036	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.258	0.0040	0.030	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0132	0.0049	0.0099	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0373	0.0047	0.0099	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0066	0.0049	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0578	0.0010	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.00832	0.00079	0.0099	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0200	0.0040	0.0099	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0046 (1)	0.0046	0.0099	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0372	0.0036	0.0099	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.121	0.0040	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.233	0.0034	0.0099	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0028 (1)	0.0028	0.0099	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	<0.017 (1)	0.017	0.020	0.0000300	0.000000510	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0178	0.0029	0.0099	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0058	0.0030	0.0099	0.0000300	0.000000174	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0099	0.0300	0.0000930	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0130	0.0020	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0073	0.0028	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0090	0.0027	0.0099	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0120	0.0028	0.0099	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0075	0.0031	0.0099	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0103	0.0021	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	<0.030 (1)	0.030	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	<0.0090 (1)	0.0090	0.0099	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0388	0.0025	0.0099	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0029	0.0029	0.0099	0.0000300	0.0000000870	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042 (1)	0.0042	0.0099	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0041 (1)	0.0041	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0032	0.0023	0.0099	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000343	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	52	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA017						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C11 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0054	0.0025	0.020	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0328	0.0015	0.020	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0034	0.0017	0.0099	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
24'5-TriCB-(31)	ng/g	0.0238	0.0015	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	<0.0037 (1)	0.0037	0.0099	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0074	0.0016	0.030	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0085	0.0019	0.0099	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0888	0.0015	0.030	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0037	0.0016	0.0099	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0407	0.0014	0.020	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.165	0.0014	0.0099	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	<0.0068 (1)	0.0068	0.0099	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0063	0.0012	0.030	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0243	0.0021	0.0099	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.209	0.0021	0.040	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	0.0087	0.0021	0.0099	N/A	N/A	N/A	6076141
234'6-TetraCB-(64)	ng/g	0.0315	0.0013	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.108	0.0020	0.0099	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	0.0041	0.0020	0.0099	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0028 (1)	0.0028	0.0099	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	<0.0068 (1)	0.0068	0.0099	0.000100	0.000000680	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	0.0027	0.0019	0.0099	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0099	0.000300	0.000000690	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0062	0.0032	0.0099	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.504	0.0030	0.020	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0229	0.0033	0.0099	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0991	0.0023	0.030	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.154	0.0025	0.060	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0278	0.0029	0.020	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.564	0.0025	0.030	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0959	0.0030	0.0099	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0033	0.0030	0.040	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.120	0.0028	0.0099	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.221	0.0016	0.0099	0.0000300	0.00000663	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0517	0.0013	0.0099	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0185	0.0015	0.020	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.398	0.0024	0.020	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0126	0.0016	0.0099	0.0000300	0.000000378	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.719	0.0016	0.0099	0.0000300	0.0000216	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	0.0029	0.0015	0.0099	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0068	0.0017	0.0099	0.0000300	0.000000204	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0099	0.100	0.000150	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.128	0.0020	0.020	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	1.11	0.0023	0.030	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0482	0.0028	0.0099	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0700	0.0027	0.0099	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	0.0250	0.0025	0.0099	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	0.0098	0.0028	0.020	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.163	0.0015	0.020	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0133	0.0011	0.0099	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	0.0539	0.0023	0.0099	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	0.0096	0.0022	0.020	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0667	0.0023	0.0099	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	0.0135	0.0015	0.0099	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.175	0.0020	0.0099	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.256	0.0023	0.020	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	1.10	0.0019	0.0099	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	0.0104	0.0013	0.0099	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0951	0.0020	0.020	0.0000300	0.00000285	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	0.0604	0.0017	0.0099	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	0.0049	0.0018	0.0099	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	0.0244	0.0018	0.0099	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	0.0358	0.0018	0.0099	0.0000300	0.00000107	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0640	0.0018	0.0099	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0270	0.0025	0.020	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	0.0161	0.0025	0.0099	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0275	0.0024	0.0099	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	0.0047	0.0012	0.0099	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0429	0.0026	0.0099	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0449	0.0016	0.0099	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0265	0.0011	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.227	0.0019	0.020	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0403	0.0021	0.0099	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.213	0.0013	0.0099	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	0.0041	0.0020	0.0099	0.0000300	0.000000123	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	0.0163	0.0018	0.0099	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	0.0031	0.0017	0.0099	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0196	0.0026	0.0099	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	0.0062	0.0027	0.0099	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	0.0105	0.0025	0.0099	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	0.0207	0.0025	0.020	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0130	0.0021	0.0099	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA019						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000241	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	125	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	135	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	126	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	133	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6076141

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	UNITS	KVS-C12 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	115	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00095	0.00095	0.0093	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00087	0.00087	0.0093	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00090	0.00090	0.0093	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0030	0.0030	0.0093	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0029	0.0029	0.0093	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0093	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0028	0.0028	0.0093	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0034	0.0034	0.0093	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0019	0.0019	0.0093	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	<0.0026 (1)	0.0026	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0142	0.0011	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	0.0022	0.0012	0.0093	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.00093	0.00093	0.0093	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.00093	0.00093	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0106	0.0010	0.0093	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.00085	0.00085	0.0093	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.00094	0.00094	0.0093	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	<0.0030 (1)	0.0030	0.0093	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0093	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	0.0062	0.0017	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	<0.0039 (1)	0.0039	0.0093	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0022	0.0022	0.0093	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	0.0237	0.0016	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	<0.0017	0.0017	0.0093	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0214	0.0015	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0497	0.0015	0.0093	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00044	0.00044	0.0093	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	0.0071	0.0015	0.0093	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0126	0.0014	0.0093	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0817	0.0014	0.037	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0020 (1)	0.0020	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0079 (1)	0.0079	0.0093	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0426	0.0013	0.0093	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0093	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0037	0.0015	0.0093	0.000100	0.000000370	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.0093	0.000300	0.000000450	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0056	0.0023	0.0093	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.0784	0.0021	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	<0.0087 (1)	0.0087	0.0093	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0206	0.0016	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0570	0.0018	0.056	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	<0.0058 (1)	0.0058	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0093	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.141	0.0018	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0240	0.0021	0.0093	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.037	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.0093	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0408	0.0020	0.0093	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00041	0.00041	0.0093	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00040	0.00040	0.0093	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0527	0.0013	0.0093	0.0000300	0.00000158	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
233'4'5-PentaCB-(107)	ng/g	0.00988	0.00099	0.0093	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0049	0.0012	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.121	0.0017	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0031	0.0012	0.0093	0.0000300	0.0000000930	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.156	0.0013	0.0093	0.0000300	0.00000468	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0093	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	0.0026	0.0014	0.0093	0.0000300	0.0000000780	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0093	0.100	0.000120	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0260	0.0026	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.222	0.0029	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	<0.0086 (1)	0.0086	0.0093	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.0093	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0210	0.0034	0.0093	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0032 (1)	0.0032	0.0093	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0040 (1)	0.0040	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0400	0.0014	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0050	0.0010	0.0093	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0069 (1)	0.0069	0.0093	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0028	0.0028	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0118	0.0029	0.0093	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.0035	0.0013	0.0093	N/A	N/A	N/A	6076141
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0318	0.0026	0.0093	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	0.0780	0.0029	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0093	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0093	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.213	0.0025	0.0093	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	<0.0017 (1)	0.0017	0.0093	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0093	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0147	0.0015	0.019	0.0000300	0.000000441	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.011 (1)	0.011	0.0093	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0093	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0093	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0041 (1)	0.0041	0.0093	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.0093	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0048 (1)	0.0048	0.0093	0.0000300	0.000000144	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.0093	0.0300	0.0000450	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	<0.0075 (1)	0.0075	0.0093	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	0.0059	0.0030	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0029	0.0029	0.0093	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0058	0.0028	0.0093	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0019	0.0019	0.0093	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	0.0091	0.0030	0.0093	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0098	0.0020	0.0093	N/A	N/A	N/A	6076141
22'33'566'-HeptaCB-(179)	ng/g	0.0074	0.0014	0.0093	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0276	0.0022	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.0093	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.0093	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0081	0.0025	0.0093	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0033	0.0033	0.0093	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0391	0.0017	0.0093	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0093	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.0093	0.0000300	0.0000000540	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0022 (1)	0.0022	0.0093	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.0093	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0093	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0093	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0020	0.0020	0.0093	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0093	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0033 (1)	0.0033	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0014	0.0014	0.0093	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	0.0039	0.0017	0.0093	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	0.0037	0.0018	0.0093	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0093	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.0093	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0026	0.0026	0.0093	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0093	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
DecaCB-(209)	ng/g	<0.0027	0.0027	0.0093	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000173	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	81	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	83	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6076141

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA022						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0094	N/A	N/A	N/A	6076141
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0094	N/A	N/A	N/A	6076141
4-MonoCB-(3)	ng/g	<0.00042	0.00042	0.0094	N/A	N/A	N/A	6076141
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6076141
2,3-DiCB-(5)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6076141
2,3'-DiCB-(6)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6076141
2,4-DiCB-(7)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	6076141
2,4'-DiCB-(8)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	6076141
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	6076141
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141
3,3'-DiCB-(11)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	6076141
DiCB-(12)+(13)	ng/g	<0.0028	0.0028	0.019	N/A	N/A	N/A	6076141
3,5-DiCB-(14)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	6076141
4,4'-DiCB-(15)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	6076141
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	6076141
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
TriCB-(18)+(30)	ng/g	0.0038	0.0016	0.019	N/A	N/A	N/A	6076141
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
TriCB-(20) + (28)	ng/g	0.0177	0.0014	0.019	N/A	N/A	N/A	6076141
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	6076141
234'-TriCB-(22)	ng/g	<0.0022 (1)	0.0022	0.0094	N/A	N/A	N/A	6076141
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	6076141
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0138	0.0013	0.0094	N/A	N/A	N/A	6076141
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6076141
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	6076141
344'-TriCB-(37)	ng/g	0.0042	0.0020	0.0094	N/A	N/A	N/A	6076141
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
TetraCB-(40)+(41)+(71)	ng/g	<0.0034 (1)	0.0034	0.028	N/A	N/A	N/A	6076141
22'34'-TetraCB-(42)	ng/g	0.0049	0.0026	0.0094	N/A	N/A	N/A	6076141
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	6076141
TetraCB-(44)+(47)+(65)	ng/g	<0.035 (1)	0.035	0.028	N/A	N/A	N/A	6076141
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	6076141
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6076141
22'45-TetraCB-(48)	ng/g	0.0030	0.0022	0.0094	N/A	N/A	N/A	6076141
TetraCB-(49)+TetraCB-(69)	ng/g	0.0198	0.0020	0.019	N/A	N/A	N/A	6076141
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	6076141
22'55'-TetraCB-(52)	ng/g	0.0564	0.0019	0.0094	N/A	N/A	N/A	6076141
22'66'-TetraCB-(54)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	6076141
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141
233'4'-Tetra CB(56)	ng/g	<0.0054 (1)	0.0054	0.0094	N/A	N/A	N/A	6076141
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6076141
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
TetraCB-(59)+(62)+(75)	ng/g	0.0028	0.0016	0.028	N/A	N/A	N/A	6076141
2344'-TetraCB -(60)	ng/g	0.0131	0.0019	0.0094	N/A	N/A	N/A	6076141
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0964	0.0019	0.038	N/A	N/A	N/A	6076141
234'5-TetraCB-(63)	ng/g	<0.0025 (1)	0.0025	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0156	0.0017	0.0094	N/A	N/A	N/A	6076141
23'44'-TetraCB-(66)	ng/g	0.0504	0.0018	0.0094	N/A	N/A	N/A	6076141
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6076141
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141
33'44'-TetraCB-(77)	ng/g	0.0036	0.0021	0.0094	0.000100	0.000000360	N/A	6076141
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	6076141
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0094	0.000300	0.000000630	N/A	6076141
22'33'4-PentaCB-(82)	ng/g	0.0040	0.0036	0.0094	N/A	N/A	N/A	6076141
PentaCB-(83)+(99)	ng/g	0.133	0.0033	0.019	N/A	N/A	N/A	6076141
22'33'6-PentaCB-(84)	ng/g	0.0077	0.0037	0.0094	N/A	N/A	N/A	6076141
PentaCB-(85)+(116)+(117)	ng/g	0.0274	0.0025	0.028	N/A	N/A	N/A	6076141
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0518	0.0028	0.056	N/A	N/A	N/A	6076141
PentaCB-(88)+(91)	ng/g	0.0080	0.0033	0.019	N/A	N/A	N/A	6076141
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0094	N/A	N/A	N/A	6076141
PentaCB-(90)+(101)+(113)	ng/g	0.136	0.0028	0.028	N/A	N/A	N/A	6076141
22'355'-PentaCB-(92)	ng/g	0.0240	0.0033	0.0094	N/A	N/A	N/A	6076141
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0034	0.0034	0.038	N/A	N/A	N/A	6076141
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	6076141
22'35'6-PentaCB-(95)	ng/g	0.0389	0.0032	0.0094	N/A	N/A	N/A	6076141
22'366'-PentaCB-(96)	ng/g	<0.00043	0.00043	0.0094	N/A	N/A	N/A	6076141
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6076141
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.0094	N/A	N/A	N/A	6076141
233'44'-PentaCB-(105)	ng/g	0.0521	0.0023	0.0094	0.0000300	0.00000156	N/A	6076141
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0109	0.0018	0.0094	N/A	N/A	N/A	6076141
PentaCB-(108)+(124)	ng/g	0.0039	0.0021	0.019	N/A	N/A	N/A	6076141
PentaCB-(110)+(115)	ng/g	0.0940	0.0027	0.019	N/A	N/A	N/A	6076141
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	6076141
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
2344'5-PentaCB-(114)	ng/g	0.0038	0.0022	0.0094	0.0000300	0.000000114	N/A	6076141
23'44'5-PentaCB-(118)	ng/g	0.147	0.0023	0.0094	0.0000300	0.00000441	N/A	6076141
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	6076141
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6076141
23'44'5'-PentaCB-(123)	ng/g	<0.0024	0.0024	0.0094	0.0000300	0.0000000720	N/A	6076141
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0094	0.100	0.000210	N/A	6076141
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6076141
HexaCB-(128)+(166)	ng/g	0.0329	0.0035	0.019	N/A	N/A	N/A	6076141
HexaCB-(129)+(138)+(163)	ng/g	0.243	0.0040	0.028	N/A	N/A	N/A	6076141
22'33'45'-HexaCB-(130)	ng/g	0.0100	0.0049	0.0094	N/A	N/A	N/A	6076141
22'33'46-HexaCB-(131)	ng/g	<0.0051	0.0051	0.0094	N/A	N/A	N/A	6076141
22'33'46'-HexaCB-(132)	ng/g	0.0201	0.0046	0.0094	N/A	N/A	N/A	6076141
22'33'55'-HexaCB-(133)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	6076141
HexaCB-(134)+(143)	ng/g	<0.0049	0.0049	0.019	N/A	N/A	N/A	6076141
HexaCB-(135)+(151)	ng/g	0.0396	0.0014	0.019	N/A	N/A	N/A	6076141
22'33'66'-HexaCB-(136)	ng/g	0.0053	0.0010	0.0094	N/A	N/A	N/A	6076141
22'344'5-HexaCB-(137)	ng/g	<0.0088 (1)	0.0088	0.0094	N/A	N/A	N/A	6076141
HexaCB-(139)+(140)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	6076141
22'3455'-HexaCB-(141)	ng/g	0.0116	0.0040	0.0094	N/A	N/A	N/A	6076141
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	6076141
22'345'6-HexaCB-(144)	ng/g	0.0037	0.0013	0.0094	N/A	N/A	N/A	6076141

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
22'34'55'-HexaCB-(146)	ng/g	0.0381	0.0035	0.0094	N/A	N/A	N/A	6076141
HexaCB-(147)+(149)	ng/g	<0.079 (1)	0.079	0.019	N/A	N/A	N/A	6076141
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6076141
HexaCB-(153)+(168)	ng/g	0.260	0.0033	0.0094	N/A	N/A	N/A	6076141
22'44'56'-HexaCB-(154)	ng/g	0.0032	0.0011	0.0094	N/A	N/A	N/A	6076141
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6076141
HexaCB-(156)+(157)	ng/g	0.0176	0.0025	0.019	0.0000300	0.000000528	N/A	6076141
233'44'6-HexaCB-(158)	ng/g	<0.0096 (1)	0.0096	0.0094	N/A	N/A	N/A	6076141
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6076141
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6076141
233'4'55'-HexaCB-(162)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
233'4'5'6-HexaCB-(164)	ng/g	<0.0045 (1)	0.0045	0.0094	N/A	N/A	N/A	6076141
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6076141
23'44'55'-HexaCB-(167)	ng/g	<0.0067 (1)	0.0067	0.0094	0.0000300	0.000000201	N/A	6076141
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0094	0.0300	0.0000720	N/A	6076141
22'33'44'5-HeptaCB-(170)	ng/g	0.0133	0.0033	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(171)+(173)	ng/g	<0.0056 (1)	0.0056	0.019	N/A	N/A	N/A	6076141
22'33'455'-HeptaCB-(172)	ng/g	<0.0045	0.0045	0.0094	N/A	N/A	N/A	6076141
22'33'456'-HeptaCB-(174)	ng/g	0.0049	0.0043	0.0094	N/A	N/A	N/A	6076141
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6076141
22'33'466'-HeptaCB-(176)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0078 (1)	0.0078	0.0094	N/A	N/A	N/A	6076141
22'33'55'6-HeptaCB-(178)	ng/g	0.0093	0.0019	0.0094	N/A	N/A	N/A	6076141

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RDL = Reportable Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0078	0.0013	0.0094	N/A	N/A	N/A	6076141
HeptaCB-(180)+(193)	ng/g	0.0410	0.0034	0.019	N/A	N/A	N/A	6076141
22'344'56-HeptaCB-(181)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	6076141
22'344'56'-HeptaCB-(182)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
22'344'5'6-HeptaCB-(183)	ng/g	0.0105	0.0037	0.0094	N/A	N/A	N/A	6076141
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6076141
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0094	N/A	N/A	N/A	6076141
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6076141
22'34'55'6-HeptaCB-(187)	ng/g	0.0412	0.0016	0.0094	N/A	N/A	N/A	6076141
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6076141
233'44'55'-HeptaCB-(189)	ng/g	<0.0029	0.0029	0.0094	0.0000300	0.0000000870	N/A	6076141
233'44'56-HeptaCB-(190)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6076141
233'44'5'6-HeptaCB-(191)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6076141
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'-OctaCB-(194)	ng/g	0.0054	0.0028	0.0094	N/A	N/A	N/A	6076141
22'33'44'56-OctaCB-(195)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	6076141
22'33'44'56'-OctaCB-(196)	ng/g	<0.0049	0.0049	0.0094	N/A	N/A	N/A	6076141
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	6076141
OctaCB-(198)+(199)	ng/g	<0.0049	0.0049	0.019	N/A	N/A	N/A	6076141
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6076141
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	6076141
22'33'55'66'-OctaCB-(202)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	6076141
22'344'55'6-OctaCB-(203)	ng/g	<0.0044	0.0044	0.0094	N/A	N/A	N/A	6076141
22'344'566'-OctaCB-(204)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	6076141
233'44'55'6-OctaCB-(205)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6076141
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	6076141
22'33'44'566'-NonaCB-(207)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	6076141
22'33'455'66'-NonaCB-(208)	ng/g	<0.0045	0.0045	0.0094	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	6076141
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000290	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'55'6-NonaCB-(206)	%	126	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'44'5-HeptaCB-(170)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'455'66'-NonaCB-(208)	%	127	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'66'-OctaCB-(202)	%	160 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'33'55'6-HeptaCB-(178)	%	120	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'344'55'-HeptaCB-(180)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'34'566'-HeptaCB-(188)	%	128	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'466'-PentaCB-(104)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'66'-TetraCB-(54)	%	115	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'6-TriCB-(19)	%	113	N/A	N/A	N/A	N/A	N/A	6076141
C13-22'-DiCB-(4)	%	109	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'6-OctaCB-(205)	%	112	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'55'-HeptaCB-(189)	%	111	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6076141
C13-233'55'-PentaCB-(111)	%	122	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6076141
C13-2344'5-PentaCB-(114)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6076141
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-2-MonoCB-(1)	%	90	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'55'-HexaCB-(169)	%	92	N/A	N/A	N/A	N/A	N/A	6076141
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6076141

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA026						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C17 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	114	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6076141
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6076141
C13-44'-DiCB-(15)	%	102	N/A	N/A	N/A	N/A	N/A	6076141
C13-4-MonoCB-(3)	%	87	N/A	N/A	N/A	N/A	N/A	6076141
C13-DecaCB-(209)	%	118	N/A	N/A	N/A	N/A	N/A	6076141
C13-HexaCB-(156)+(157)	%	103	N/A	N/A	N/A	N/A	N/A	6076141

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00074	0.00074	0.0095	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00073	0.00073	0.0095	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00073	0.00073	0.0095	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00088	0.00088	0.0095	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00091	0.00091	0.0095	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00084	0.00084	0.0095	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00089	0.00089	0.0095	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	<0.0046 (1)	0.0046	0.0095	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00091	0.00091	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00087	0.00087	0.0095	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	<0.0019 (1)	0.0019	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00090	0.00090	0.0095	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00087	0.00087	0.0095	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00082	0.00082	0.0095	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00078	0.00078	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0012 (1)	0.0012	0.0095	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00082	0.00082	0.0095	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00080	0.00080	0.0095	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.0095	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00077	0.00077	0.0095	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0019	0.0019	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0018	0.0018	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0031	0.0017	0.0095	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0014	0.0014	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0048	0.0015	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968550

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	<0.0015 (1)	0.0015	0.0095	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0022	0.0022	0.0095	0.000100	0.000000220	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0095	0.000300	0.000000660	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0038	0.0023	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0017	0.0017	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0043	0.0019	0.057	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0061	0.0019	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0034 (1)	0.0034	0.0095	0.0000300	0.000000102	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00094	0.00094	0.0095	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.0010	0.0010	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0066	0.0018	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0095	0.0000300	0.0000000420	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0077	0.0013	0.0095	0.0000300	0.000000231	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0095	0.0000300	0.0000000480	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0095	0.100	0.000140	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0057	0.0057	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0173	0.0060	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0075	0.0075	0.0095	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0078	0.0078	0.0095	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0073	0.0073	0.0095	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0069	0.0069	0.0095	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0068	0.0068	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0050	0.0050	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0060	0.0060	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0072	0.0072	0.0095	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0070	0.0070	0.0095	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0049	0.0049	0.0095	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0059	0.0059	0.0095	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	<0.0052	0.0052	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0050	0.0050	0.0095	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0148	0.0049	0.0095	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0044	0.0044	0.0095	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	0.0046	0.0044	0.019	0.0000300	0.000000138	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.0095	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0075	0.0075	0.0095	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.0095	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0043	0.0043	0.0095	0.0000300	0.000000129	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	0.0057	0.0045	0.0095	0.0300	0.000171	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0066	0.0066	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0066	0.0066	0.0095	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0095	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0063	0.0063	0.0095	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.0084 (1)	0.0084	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0047	0.0047	0.0095	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0064	0.0064	0.0095	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0054	0.0054	0.0095	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0035	0.0035	0.0095	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0044	0.0044	0.0095	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0041	0.0041	0.0095	0.0000300	0.000000123	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0048	0.0048	0.0095	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0047	0.0047	0.0095	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0053	0.0053	0.0095	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	0.0010	0.0010	0.0095	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0095	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.0095	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0072	0.0072	0.0095	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0072	0.0072	0.0095	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0058	0.0058	0.0095	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.010	0.010	0.0095	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0074	0.0074	0.0095	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0095	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0093	0.0093	0.0095	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0095	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.032	0.032	0.0095	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000313	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	48	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	92	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	113	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	38	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	34	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	51	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	54	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	36	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	22 (1)	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	34	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA031						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	52	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	50	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	52	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	48	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	35	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	41	N/A	N/A	N/A	N/A	N/A	5968550

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00354	0.00045	0.0098	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00046	0.00046	0.020	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00087	0.00087	0.0098	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.00091	0.00091	0.0098	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00173	0.00075	0.020	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00075	0.00075	0.020	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00080	0.00080	0.0098	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00075	0.00075	0.0098	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00071	0.00071	0.020	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00137	0.00070	0.0098	N/A	N/A	N/A	5968550

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.00098	0.00098	0.0098	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00075	0.00075	0.0098	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0025	0.0025	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0023	0.0023	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0030	0.0022	0.0098	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00086	0.00086	0.0098	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0018	0.0018	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0039	0.0012	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.0018	0.0011	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0018	0.0018	0.0098	0.000100	0.000000180	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0098	0.000300	0.000000540	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0043	0.0018	0.020	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0014	0.0014	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0042	0.0015	0.059	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0061	0.0015	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0019	0.0019	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0036	0.0017	0.0098	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0033 (1)	0.0033	0.0098	0.0000300	0.000000099	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0070	0.0014	0.020	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.0098	0.0000300	0.0000000450	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0076	0.0014	0.0098	0.0000300	0.000000228	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0017	0.0017	0.0098	0.0000300	0.0000000510	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0098	0.100	0.000140	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	<0.010 (1)	0.010	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0058	0.0058	0.0098	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0060	0.0060	0.0098	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0057	0.0057	0.0098	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0056	0.0056	0.0098	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0046	0.0046	0.0098	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0052	0.0041	0.020	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0106	0.0038	0.0098	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0029 (1)	0.0029	0.020	0.0000300	0.0000000870	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0059	0.0059	0.0098	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0018	0.0018	0.0098	0.0000300	0.0000000540	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0098	0.0300	0.0000570	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0065	0.0065	0.0098	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0061	0.0061	0.0098	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0063	0.0063	0.0098	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0068	0.0047	0.020	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0061	0.0061	0.0098	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0064	0.0064	0.0098	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0053	0.0053	0.0098	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0035	0.0035	0.0098	0.0000300	0.000000105	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0046	0.0046	0.0098	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0052	0.0052	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0098	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0069	0.0069	0.0098	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0068	0.0068	0.0098	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0068	0.0068	0.0098	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0098	0.0098	0.0098	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0070	0.0070	0.0098	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0053	0.0053	0.0098	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.013	0.013	0.0098	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000198	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	112	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	52	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	38	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	49	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	67	N/A	N/A	N/A	N/A	N/A	5968550

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA032						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00034	0.00034	0.0094	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00030	0.00030	0.0094	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00031	0.00031	0.0094	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00028	0.00028	0.0094	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00030	0.00030	0.0094	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00272	0.00030	0.0094	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00031	0.00031	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00030	0.00030	0.0094	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00059	0.00059	0.0094	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0032	0.0032	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00196	0.00065	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	0.00081	0.00066	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00072	0.00072	0.0094	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00065	0.00065	0.0094	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00062	0.00062	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00141	0.00061	0.0094	N/A	N/A	N/A	5968550

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00066	0.00066	0.0094	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00064	0.00064	0.0094	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.0094	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00062	0.00062	0.0094	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0025	0.0025	0.028	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0023	0.0023	0.028	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	<0.0028 (1)	0.0028	0.0094	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00074	0.00074	0.0094	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00078	0.00078	0.0094	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00069	0.00069	0.0094	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00076	0.00076	0.0094	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0018	0.0018	0.028	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00075	0.00075	0.0094	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00346	0.00070	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00067	0.00067	0.0094	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00195	0.00066	0.0094	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00066	0.00066	0.0094	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00066	0.00066	0.0094	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.0094	0.000100	0.000000110	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00069	0.00069	0.0094	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0094	0.000300	0.000000330	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0030	0.0016	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0012	0.0012	0.028	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0033	0.0013	0.056	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0049	0.0013	0.028	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0025 (1)	0.0025	0.0094	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00066	0.00066	0.0094	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0025	0.0011	0.0094	0.0000300	0.0000000750	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00088	0.00088	0.0094	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.00077	0.00077	0.0094	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00082	0.00082	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0053	0.0013	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0011	0.0011	0.0094	0.0000300	0.0000000330	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0062	0.0011	0.0094	0.0000300	0.000000186	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00093	0.00093	0.0094	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0094	0.0000300	0.0000000390	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0094	0.100	0.000110	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00085	0.00085	0.0094	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0043	0.0043	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0115	0.0045	0.028	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0057	0.0057	0.0094	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0094	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0055	0.0055	0.0094	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0051	0.0051	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0038	0.0038	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0035	0.0035	0.0094	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0054	0.0054	0.0094	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0053	0.0053	0.0094	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0045	0.0045	0.0094	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0052	0.0040	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0120	0.0037	0.0094	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	0.0033	0.0025	0.019	0.0000300	0.000000099	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0035	0.0035	0.0094	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0057	0.0057	0.0094	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0024	0.0024	0.0094	0.0000300	0.0000000720	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.0094	0.0300	0.0000780	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0050	0.0050	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0050	0.0050	0.0094	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0037	0.0037	0.0094	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	0.0054	0.0036	0.019	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0049	0.0049	0.0094	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.0094	0.0000300	0.0000000750	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0036	0.0036	0.0094	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0035	0.0035	0.0094	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0040	0.0040	0.0094	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0070	0.0070	0.0094	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0049	0.0049	0.0094	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0072	0.0072	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0048	0.0048	0.0094	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0039	0.0039	0.0094	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0069	0.0069	0.0094	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0049	0.0049	0.0094	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0094	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0093	0.0093	0.0094	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0094	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.013	0.013	0.0094	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000189	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	83	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	125	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	112	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	52	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	38	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	33	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	39	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	59	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA033						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	44	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	53	N/A	N/A	N/A	N/A	N/A	5968550

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00018	0.00018	0.0097	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00018	0.00018	0.0097	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00018	0.00018	0.0097	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.00098	0.00098	0.0097	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00056	0.00056	0.0097	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00050	0.00050	0.0097	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00047	0.00047	0.0097	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00050	0.00050	0.0097	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00281	0.00049	0.0097	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00051	0.00051	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00096	0.00096	0.0097	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00193	0.00075	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00075	0.00075	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00082	0.00082	0.0097	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00075	0.00075	0.0097	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00071	0.00071	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00135	0.00070	0.0097	N/A	N/A	N/A	5968550

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00075	0.00075	0.0097	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.0097	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.0097	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00071	0.00071	0.0097	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.0097	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0023 (1)	0.0023	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0034	0.0014	0.0097	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00038	0.00038	0.0097	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00098	0.00098	0.0097	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00097	0.00097	0.0097	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0011	0.0011	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00326	0.00097	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00094	0.00094	0.0097	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00168	0.00092	0.0097	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00086	0.00086	0.0097	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0015	0.0015	0.0097	0.000100	0.000000150	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00097	0.00097	0.0097	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00085	0.00085	0.0097	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.0097	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.0097	0.000300	0.000000450	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	<0.0029 (1)	0.0029	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0028	0.0017	0.058	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0057	0.0018	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0025 (1)	0.0025	0.0097	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00048	0.00048	0.0097	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0029	0.0010	0.0097	0.0000300	0.0000000870	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.00070	0.00070	0.0097	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00075	0.00075	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0050	0.0017	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0010	0.0010	0.0097	0.0000300	0.0000000300	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	<0.0051 (1)	0.0051	0.0097	0.0000300	0.000000153	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00085	0.00085	0.0097	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0012	0.0012	0.0097	0.0000300	0.0000000360	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.0097	0.100	0.000100	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0034	0.0034	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	<0.0095 (1)	0.0095	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0046	0.0046	0.0097	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0041	0.0041	0.0097	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0058	0.0058	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0057	0.0057	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0046	0.0046	0.0097	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0045	0.0031	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0058	0.0058	0.0097	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0086	0.0029	0.0097	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0052	0.0052	0.0097	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0018	0.0018	0.019	0.0000300	0.0000000540	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0017	0.0017	0.0097	0.0000300	0.0000000510	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0097	0.0300	0.0000540	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0037	0.0037	0.0097	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.0039 (1)	0.0039	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.0097	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.0097	0.0000300	0.0000000540	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0048	0.0048	0.0097	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0050	0.0050	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0062	0.0062	0.0097	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000155	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	84	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	119	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	116	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	98	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	36	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	47	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	62	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA034						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00031	0.00031	0.0094	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00031	0.00031	0.0094	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00031	0.00031	0.0094	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00045	0.00045	0.0094	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00040	0.00040	0.0094	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00041	0.00041	0.0094	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00038	0.00038	0.0094	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00041	0.00041	0.0094	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00438	0.00040	0.0094	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00041	0.00041	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00040	0.00040	0.0094	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00078	0.00078	0.0094	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.0094	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00237	0.00074	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00074	0.00074	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00081	0.00081	0.0094	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.0094	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00074	0.00074	0.0094	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00070	0.00070	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00182	0.00069	0.0094	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0094	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00072	0.00072	0.0094	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.0094	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0039	0.0039	0.028	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0036	0.0036	0.028	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0042	0.0042	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0051	0.0051	0.0094	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0046	0.0035	0.0094	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00046	0.00046	0.0094	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0028	0.0028	0.028	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	<0.0042 (1)	0.0042	0.037	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0020	0.0012	0.0094	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.0094	0.000100	0.000000200	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0094	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0094	0.000300	0.000000600	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	<0.0038	0.0038	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0044	0.0044	0.0094	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0029	0.0029	0.028	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0043	0.0031	0.056	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0038	0.0038	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0067	0.0032	0.028	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0039	0.0039	0.0094	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0039	0.0039	0.037	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0038	0.0036	0.0094	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00095	0.00095	0.0094	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0041 (1)	0.0041	0.0094	0.0000300	0.000000123	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0078	0.0030	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0027	0.0027	0.0094	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0024	0.0024	0.0094	0.0000300	0.0000000720	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0092	0.0023	0.0094	0.0000300	0.000000276	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0025	0.0025	0.0094	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0094	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0027	0.0027	0.0094	0.0000300	0.0000000810	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0094	0.100	0.000230	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0064	0.0064	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0152	0.0067	0.028	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0085	0.0085	0.0094	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0087	0.0087	0.0094	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0082	0.0082	0.0094	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0078	0.0078	0.0094	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0077	0.0077	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0059	0.0059	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0043	0.0043	0.0094	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0067	0.0067	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0081	0.0081	0.0094	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0079	0.0079	0.0094	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0058	0.0058	0.0094	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0046	0.0046	0.0094	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0066	0.0066	0.0094	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	<0.0059	0.0059	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0058	0.0058	0.0094	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0119	0.0055	0.0094	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0044	0.0044	0.019	0.0000300	0.000000132	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0051	0.0051	0.0094	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0061	0.0061	0.0094	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0085	0.0085	0.0094	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0056	0.0056	0.0094	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0042	0.0042	0.0094	0.0000300	0.000000126	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0045	0.0045	0.0094	0.0300	0.000135	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0055	0.0055	0.0094	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0075	0.0075	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0075	0.0075	0.0094	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0070	0.0070	0.0094	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.0094	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0072	0.0072	0.0094	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0034	0.0034	0.0094	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0022	0.0022	0.0094	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	0.0071	0.0054	0.019	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0071	0.0071	0.0094	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0073	0.0073	0.0094	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0094	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0061	0.0061	0.0094	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0035	0.0035	0.0094	0.0000300	0.000000105	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0055	0.0055	0.0094	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0053	0.0053	0.0094	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0060	0.0060	0.0094	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0038	0.0038	0.0094	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0094	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0094	0.0094	0.0094	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0065	0.0065	0.0094	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0097	0.0097	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0064	0.0064	0.0094	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0064	0.0064	0.0094	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0052	0.0052	0.0094	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0093	0.0093	0.0094	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0066	0.0066	0.0094	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.0094	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.0094	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.024	0.024	0.0094	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000367	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	103	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	107	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	106	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	115	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	81	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	41	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	47	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	47	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	66	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA035						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0096	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.0096	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00045	0.00045	0.0096	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00043	0.00043	0.0096	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00044	0.00044	0.0096	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00044	0.00044	0.0096	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00341	0.00043	0.0096	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00044	0.00044	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00042	0.00042	0.0096	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00084	0.00084	0.0096	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00208	0.00076	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00076	0.00076	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00083	0.00083	0.0096	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.0096	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00072	0.00072	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0014 (1)	0.0014	0.0096	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.0096	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00063	0.00063	0.0096	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0017	0.0017	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0018 (1)	0.0018	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	0.0016	0.0015	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0032	0.0015	0.0096	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00036	0.00036	0.0096	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00093	0.00093	0.0096	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00084	0.00084	0.0096	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00083	0.00083	0.0096	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00091	0.00091	0.0096	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00089	0.00089	0.0096	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00345	0.00083	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00080	0.00080	0.0096	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00181	0.00078	0.0096	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00073	0.00073	0.0096	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0013	0.0013	0.0096	0.000100	0.000000130	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00082	0.00082	0.0096	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00073	0.00073	0.0096	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0096	0.000300	0.000000390	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0032	0.0019	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0015	0.0015	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0025	0.0016	0.057	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0043	0.0016	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0024 (1)	0.0024	0.0096	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00066	0.00066	0.0096	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0025	0.0012	0.0096	0.0000300	0.0000000750	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.0096	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00082	0.00082	0.0096	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00087	0.00087	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0056	0.0015	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0096	0.0000300	0.0000000360	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0052	0.0012	0.0096	0.0000300	0.000000156	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00098	0.00098	0.0096	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0096	0.0000300	0.0000000390	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0096	0.100	0.000120	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00090	0.00090	0.0096	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0034	0.0034	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0086	0.0035	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0044	0.0044	0.0096	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0046	0.0046	0.0096	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0036	0.0036	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0042	0.0042	0.0096	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0046	0.0031	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0093	0.0029	0.0096	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0020	0.0020	0.019	0.0000300	0.0000000600	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0044	0.0044	0.0096	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0019	0.0019	0.0096	0.0000300	0.0000000570	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0096	0.0300	0.0000630	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0035	0.0022	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.0096	0.0000300	0.0000000420	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0045	0.0045	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0047	0.0047	0.0096	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0047	0.0047	0.0096	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.0076	0.0076	0.0096	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000184	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	116	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	123	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	117	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	95	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	36	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	47	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	57	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	56	N/A	N/A	N/A	N/A	N/A	5968550

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA036						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	50	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	60	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00442	0.00056	0.0099	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.020	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00193	0.00063	0.020	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00063	0.00063	0.020	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00060	0.00060	0.020	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0011 (1)	0.0011	0.0099	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0018	0.0018	0.030	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0022	0.0017	0.030	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.030	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00372	0.00085	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00191	0.00080	0.0099	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0013	0.0013	0.0099	0.000100	0.000000130	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0099	0.000300	0.000000390	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0034	0.0014	0.020	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0011	0.0011	0.030	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0020	0.0012	0.059	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0045	0.0012	0.030	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0032	0.0013	0.0099	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0025 (1)	0.0025	0.0099	0.0000300	0.0000000750	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00067	0.00067	0.020	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.00092	0.00092	0.0099	0.0000300	0.0000000276	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.00546	0.00089	0.0099	0.0000300	0.000000164	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0010	0.0010	0.0099	0.0000300	0.0000000300	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.00090	0.00090	0.0099	0.100	0.0000900	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0096	0.0032	0.030	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0038	0.0028	0.020	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	<0.0069 (1)	0.0069	0.0099	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0020	0.0020	0.020	0.0000300	0.0000000600	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0019	0.0019	0.0099	0.0000300	0.0000000570	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.0099	0.0300	0.0000600	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	<0.0034 (1)	0.0034	0.020	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000151	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	117	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	86	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	122	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	76	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	97	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA037						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	54	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	60	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00017	0.00017	0.0096	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00017	0.00017	0.0096	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00017	0.00017	0.0096	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00042	0.00042	0.0096	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00038	0.00038	0.0096	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00383	0.00041	0.0096	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00042	0.00042	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00040	0.00040	0.0096	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00079	0.00079	0.0096	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0010	0.0010	0.0096	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.00098	0.00098	0.0096	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	0.00114	0.00076	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.00057	0.00057	0.0096	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00185	0.00042	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	0.00077	0.00042	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	0.00067	0.00046	0.0096	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00045	0.00045	0.0096	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.00080	0.00080	0.0096	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00042	0.00042	0.0096	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00040	0.00040	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.00066	0.00066	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0015 (1)	0.0015	0.0096	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.00061	0.00061	0.0096	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00042	0.00042	0.0096	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00040	0.00040	0.0096	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00039	0.00039	0.0096	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0019	0.0013	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0033	0.0012	0.0096	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00090	0.00090	0.0096	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00080	0.00080	0.0096	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00079	0.00079	0.0096	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00087	0.00087	0.0096	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0010	0.0010	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00086	0.00086	0.0096	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00329	0.00080	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00077	0.00077	0.0096	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	<0.0016 (1)	0.0016	0.0096	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00070	0.00070	0.0096	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.0096	0.000100	0.000000120	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00079	0.00079	0.0096	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00070	0.00070	0.0096	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00072	0.00072	0.0096	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0096	0.000300	0.000000360	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0032	0.0015	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0011	0.0011	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0032	0.0012	0.057	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0046	0.0012	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0030 (1)	0.0030	0.0096	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.00081	0.00081	0.0096	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00034	0.00034	0.0096	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.00248	0.00091	0.0096	0.0000300	0.0000000744	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00071	0.00071	0.0096	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00066	0.00066	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0052	0.0012	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0096	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.00091	0.00091	0.0096	0.0000300	0.0000000273	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.00606	0.00088	0.0096	0.0000300	0.000000182	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.00097	0.00097	0.0096	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0010	0.0010	0.0096	0.0000300	0.0000000300	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.00090	0.00090	0.0096	0.100	0.0000900	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00069	0.00069	0.0096	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0101	0.0032	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0044	0.0044	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0048	0.0028	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0044	0.0044	0.0096	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0089	0.0026	0.0096	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0019	0.0019	0.019	0.0000300	0.0000000570	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0018	0.0018	0.0096	0.0000300	0.0000000540	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0096	0.0300	0.0000570	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0047	0.0047	0.0096	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.0035 (1)	0.0035	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0045	0.0045	0.0096	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0096	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0096	0.0000300	0.0000000720	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0042	0.0042	0.0096	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000148	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	119	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	123	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	35	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	46	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	59	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA038						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	61	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.00098	0.00098	0.0098	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00081	0.00081	0.0098	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00072	0.00072	0.0098	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	<0.0035 (1)	0.0035	0.0098	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00074	0.00074	0.020	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	<0.0019 (1)	0.0019	0.020	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00065	0.00065	0.020	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00064	0.00064	0.0098	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00061	0.00061	0.020	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00156	0.00060	0.0098	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00064	0.00064	0.0098	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00054	0.00054	0.0098	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0026	0.0026	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	<0.0024	0.0024	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0041	0.0023	0.0098	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0041	0.0012	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0021	0.0011	0.0098	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0018	0.0018	0.0098	0.000100	0.000000180	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0098	0.000300	0.000000540	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0043	0.0027	0.020	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0020	0.0020	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0036	0.0022	0.059	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0059	0.0022	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0027	0.0027	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0032 (1)	0.0032	0.0098	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0026 (1)	0.0026	0.0098	0.0000300	0.0000000780	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00087	0.00087	0.020	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0065	0.0021	0.020	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0098	0.0000300	0.0000000360	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0074	0.0012	0.0098	0.0000300	0.000000222	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00099	0.00099	0.0098	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0014	0.0014	0.0098	0.0000300	0.0000000420	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0098	0.100	0.000120	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00090	0.00090	0.0098	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0110	0.0039	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0051	0.0051	0.0098	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0046	0.0046	0.0098	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0098	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0048	0.0035	0.020	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0112	0.0032	0.0098	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	0.0024	0.0023	0.020	0.0000300	0.0000000720	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0022	0.0022	0.0098	0.0000300	0.0000000660	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0098	0.0300	0.0000690	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	0.0036	0.0031	0.020	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.0098	0.0000300	0.0000000840	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0043	0.0043	0.0098	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.013	0.013	0.0098	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000190	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	103	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	79	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA039						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	5968550

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00040	0.00040	0.0096	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00036	0.00036	0.0096	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00033	0.00033	0.0096	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00369	0.00035	0.0096	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00036	0.00036	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00034	0.00034	0.0096	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00068	0.00068	0.0096	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00165	0.00055	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00056	0.00056	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00061	0.00061	0.0096	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00059	0.00059	0.0096	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00055	0.00055	0.0096	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00053	0.00053	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00127	0.00052	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00056	0.00056	0.0096	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00054	0.00054	0.0096	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00046	0.00046	0.0096	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.0010	0.0010	0.0096	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00053	0.00053	0.0096	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00052	0.00052	0.0096	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0019	0.0013	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0012	0.0012	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0034	0.0012	0.0096	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00077	0.00077	0.0096	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00070	0.00070	0.0096	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00069	0.00069	0.0096	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00076	0.00076	0.0096	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0010	0.0010	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00074	0.00074	0.0096	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00342	0.00069	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00066	0.00066	0.0096	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00150	0.00065	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.00061	0.00061	0.0096	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.0096	0.000100	0.000000110	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00069	0.00069	0.0096	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00060	0.00060	0.0096	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00062	0.00062	0.0096	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.0096	0.000300	0.000000300	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0033	0.0013	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	0.00117	0.00099	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0035	0.0011	0.058	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0048	0.0011	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0027	0.0012	0.0096	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00084	0.00084	0.0096	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0026	0.0010	0.0096	0.0000300	0.0000000780	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0096	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00071	0.00071	0.0096	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00075	0.00075	0.019	N/A	N/A	N/A	5968550

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0053	0.0010	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.00092	0.00092	0.0096	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.00097	0.00097	0.0096	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0010	0.0010	0.0096	0.0000300	0.0000000300	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0063	0.0010	0.0096	0.0000300	0.000000189	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.00086	0.00086	0.0096	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.00099	0.00099	0.0096	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00085	0.00085	0.0096	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0012	0.0012	0.0096	0.0000300	0.0000000360	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.0096	0.100	0.000100	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	<0.010 (1)	0.010	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0034	0.0034	0.0096	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0055	0.0028	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0106	0.0026	0.0096	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0030	0.0030	0.019	0.0000300	0.0000000900	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0096	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0029	0.0029	0.0096	0.0000300	0.0000000870	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0096	0.0300	0.0000930	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0058	0.0058	0.0096	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0062	0.0062	0.0096	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	0.0048	0.0028	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0060	0.0060	0.0096	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0045	0.0045	0.0096	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0057	0.0057	0.0096	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0096	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0047	0.0047	0.0096	0.0000300	0.000000141	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0073	0.0073	0.0096	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0050	0.0050	0.0096	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0075	0.0075	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0096	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0050	0.0050	0.0096	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0072	0.0072	0.0096	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.0096	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0085	0.0085	0.0096	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0067	0.0067	0.0096	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0083	0.0083	0.0096	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.015	0.015	0.0096	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000194	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	110	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	106	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	35	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	44	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	54	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	54	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA040						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	58	N/A	N/A	N/A	N/A	N/A	5968550

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00021	0.00021	0.0098	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00021	0.00021	0.0098	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00021	0.00021	0.0098	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	<0.0027 (1)	0.0027	0.0098	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00037	0.00037	0.020	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00176	0.00044	0.020	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00057 (1)	0.00057	0.020	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	0.00050	0.00048	0.0098	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00042	0.00042	0.020	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00150	0.00041	0.0098	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00080	0.00080	0.0098	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0015	0.0015	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0024	0.0014	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0033	0.0013	0.0098	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00085	0.00085	0.0098	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00092	0.00092	0.0098	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0011	0.0011	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00090	0.00090	0.0098	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	<0.0030 (1)	0.0030	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00081	0.00081	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00198	0.00079	0.0098	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00080	0.00080	0.0098	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0013	0.0013	0.0098	0.000100	0.000000130	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00076	0.00076	0.0098	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0098	0.000300	0.000000390	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	<0.0029 (1)	0.0029	0.020	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.00096	0.00096	0.0098	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.00063	0.00063	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00315	0.00068	0.059	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.00090	0.00090	0.0098	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.00638	0.00069	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.00085	0.00085	0.0098	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00085	0.00085	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.00338	0.00078	0.0098	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0028	0.0017	0.0098	0.0000300	0.0000000840	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.00639	0.00065	0.020	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.00058	0.00058	0.0098	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0098	0.0000300	0.0000000510	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0063	0.0016	0.0098	0.0000300	0.000000189	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.00055	0.00055	0.0098	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0019	0.0019	0.0098	0.0000300	0.0000000570	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.0098	0.100	0.000170	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0119	0.0031	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0060	0.0060	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0051	0.0028	0.020	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0060	0.0060	0.0098	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0108	0.0026	0.0098	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0012	0.0012	0.020	0.0000300	0.0000000360	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.00093	0.00093	0.0098	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.00092	0.00092	0.0098	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0012	0.0012	0.0098	0.0000300	0.0000000360	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0098	0.0300	0.0000390	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0051	0.0051	0.0098	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0050	0.0037	0.020	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0098	0.0000300	0.0000000900	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0049	0.0049	0.0098	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0053	0.0053	0.0098	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.0098	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0086	0.0086	0.0098	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.0098	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.0098	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0074	0.0074	0.0098	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.0098	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0073	0.0073	0.0098	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.0072	0.0072	0.0098	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000210	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	109	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	126	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	115	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	114	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	102	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	95	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	38	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	55	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	55	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA041						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00080	0.00080	0.0097	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00063	0.00063	0.0097	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00055	0.00055	0.0097	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00057	0.00057	0.0097	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00052	0.00052	0.0097	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00056	0.00056	0.0097	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00302	0.00055	0.0097	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00055	0.00055	0.0097	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0037	0.0037	0.0097	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0037	0.0037	0.0097	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0028	0.0028	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00184	0.00046	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	0.00070	0.00046	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00051	0.00051	0.0097	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00046	0.00046	0.0097	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00044	0.00044	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0012 (1)	0.0012	0.0097	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00046	0.00046	0.0097	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00045	0.00045	0.0097	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00038	0.00038	0.0097	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00084	0.00084	0.0097	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00044	0.00044	0.0097	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00043	0.00043	0.0097	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0013	0.0013	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0018	0.0012	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0033	0.0011	0.0097	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00083	0.00083	0.0097	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00090	0.00090	0.0097	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.00092	0.00092	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00088	0.00088	0.0097	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00346	0.00082	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	5968550

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00173	0.00077	0.0097	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00072	0.00072	0.0097	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00077	0.00077	0.0097	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00077	0.00077	0.0097	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.0097	0.000100	0.000000120	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00072	0.00072	0.0097	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00074	0.00074	0.0097	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0097	0.000300	0.000000360	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0037	0.0013	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.00099	0.00099	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0023	0.0011	0.058	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0013	0.0013	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0043	0.0011	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0020 (1)	0.0020	0.0097	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00099	0.00099	0.0097	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.00223	0.00077	0.0097	0.0000300	0.0000000669	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00060	0.00060	0.0097	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00053	0.00053	0.0097	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00056	0.00056	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	<0.0044 (1)	0.0044	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.00097	0.00097	0.0097	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.00077	0.00077	0.0097	0.0000300	0.0000000231	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.00461	0.00075	0.0097	0.0000300	0.000000138	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.00086	0.00086	0.0097	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.00098	0.00098	0.0097	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00063	0.00063	0.0097	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.00087	0.00087	0.0097	0.0000300	0.0000000261	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.00076	0.00076	0.0097	0.100	0.0000760	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00058	0.00058	0.0097	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0024	0.0024	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0115	0.0026	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0040	0.0022	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0090	0.0021	0.0097	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0021	0.0021	0.019	0.0000300	0.0000000630	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0020	0.0020	0.0097	0.0000300	0.0000000600	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0097	0.0300	0.0000630	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0054	0.0054	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0051	0.0051	0.0097	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0052	0.0052	0.0097	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0051	0.0051	0.0097	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0053	0.0053	0.0097	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0044	0.0044	0.0097	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.0097	0.0000300	0.0000000660	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0069	0.0069	0.0097	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0070	0.0070	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0068	0.0068	0.0097	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0048	0.0048	0.0097	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.012	0.012	0.0097	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000140	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	114	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	154 (1)	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	76	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	127	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	37	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	99	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	28	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	35	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	40	N/A	N/A	N/A	N/A	N/A	5968550

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA042						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	36	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00045	0.00045	0.0098	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	<0.0041 (1)	0.0041	0.0098	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00043	0.00043	0.020	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00193	0.00041	0.020	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00061 (1)	0.00061	0.020	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	0.00062	0.00045	0.0098	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00042	0.00042	0.020	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00149	0.00039	0.0098	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00075	0.00075	0.0098	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00042	0.00042	0.0098	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0018	0.0018	0.030	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0022	0.0017	0.030	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	<0.0037 (1)	0.0037	0.0098	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00075	0.00075	0.0098	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.030	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00410	0.00074	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00206	0.00071	0.0098	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.0098	0.000100	0.000000110	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00062	0.00062	0.0098	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00065	0.00065	0.0098	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0098	0.000300	0.000000330	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0021	0.0021	0.030	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0038	0.0022	0.059	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0048	0.0023	0.030	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0036	0.0026	0.0098	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0024	0.0013	0.0098	0.0000300	0.0000000720	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00099	0.00099	0.0098	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00093	0.00093	0.0098	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00099	0.00099	0.020	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0050	0.0020	0.020	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0013	0.0013	0.0098	0.0000300	0.0000000390	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0059	0.0012	0.0098	0.0000300	0.000000177	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0014	0.0014	0.0098	0.0000300	0.0000000420	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0098	0.100	0.000120	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00098	0.00098	0.0098	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0087	0.0034	0.030	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0046	0.0046	0.0098	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0061	0.0061	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0042	0.0034	0.020	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0064	0.0064	0.0098	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0088	0.0027	0.0098	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0011	0.0011	0.020	0.0000300	0.0000000330	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.00085	0.00085	0.0098	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0010	0.0010	0.0098	0.0000300	0.0000000300	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0098	0.0300	0.0000330	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0063	0.0063	0.0098	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0065	0.0065	0.0098	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0035	0.0016	0.020	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0062	0.0062	0.0098	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0060	0.0060	0.0098	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0098	0.0000300	0.0000000900	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0059	0.0059	0.0098	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0056	0.0056	0.0098	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.0077	0.0077	0.0098	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000154	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	92	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	93	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	76	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	51	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	55	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00024	0.00024	0.0097	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00023	0.00023	0.0097	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00024	0.00024	0.0097	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00035	0.00035	0.0097	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00033	0.00033	0.0097	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00034	0.00034	0.0097	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00033	0.00033	0.0097	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00032	0.00032	0.0097	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00335	0.00033	0.0097	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00034	0.00034	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00032	0.00032	0.0097	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00062	0.00062	0.0097	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	<0.0015 (1)	0.0015	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	0.00085	0.00025	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00050 (1)	0.00050	0.0097	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00027	0.00027	0.0097	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00023	0.00023	0.0097	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00024	0.00024	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0011 (1)	0.0011	0.0097	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00024	0.00024	0.0097	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00025	0.00025	0.0097	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00022	0.00022	0.0097	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00044	0.00044	0.0097	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00024	0.00024	0.0097	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00024	0.00024	0.0097	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0025	0.0020	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0021	0.0021	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0040	0.0022	0.0097	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00084	0.00084	0.0097	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00081	0.00081	0.0097	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00089	0.00089	0.0097	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00087	0.00087	0.0097	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00309	0.00083	0.039	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00178	0.00080	0.0097	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00076	0.00076	0.0097	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00079	0.00079	0.0097	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.0097	0.000100	0.000000120	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00082	0.00082	0.0097	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00070	0.00070	0.0097	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00073	0.00073	0.0097	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0097	0.000300	0.000000360	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0025	0.0024	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0018	0.0018	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0026	0.0018	0.058	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0053	0.0019	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.039	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	<0.0026 (1)	0.0026	0.0097	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00086	0.00086	0.0097	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.00215	0.00059	0.0097	0.0000300	0.0000000645	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00046	0.00046	0.0097	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00044	0.00044	0.0097	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00047	0.00047	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0046	0.0017	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.00059	0.00059	0.0097	0.0000300	0.0000000177	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.00475	0.00057	0.0097	0.0000300	0.000000143	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00049	0.00049	0.0097	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.00067	0.00067	0.0097	0.0000300	0.0000000201	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.00058	0.00058	0.0097	0.100	0.0000580	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00046	0.00046	0.0097	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0077	0.0031	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0058	0.0058	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0030	0.0030	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0044	0.0044	0.0097	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	0.0037	0.0031	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.0097	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0079	0.0025	0.0097	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0049	0.0049	0.0097	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0013	0.0013	0.019	0.0000300	0.0000000390	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.0097	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.00099	0.00099	0.0097	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0012	0.0012	0.0097	0.0000300	0.0000000360	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0097	0.0300	0.0000390	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0046	0.0046	0.0097	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	<0.0026 (1)	0.0026	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0097	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.0097	0.0000300	0.0000000630	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0049	0.0049	0.0097	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0052	0.0052	0.0097	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0053	0.0053	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.0097	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0048	0.0048	0.0097	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / IAR - Peak detected meets S/N ratio but does not meet the ion abundance ratio.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.0067	0.0067	0.0097	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000979	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	83	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	93	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	76	N/A	N/A	N/A	N/A	N/A	5968550

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Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA043						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 13 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	57	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	70	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00026	0.00026	0.0096	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00025	0.00025	0.0096	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00026	0.00026	0.0096	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00023	0.00023	0.0096	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00022	0.00022	0.0096	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00022	0.00022	0.0096	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00022	0.00022	0.0096	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00021	0.00021	0.0096	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00309	0.00022	0.0096	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00022	0.00022	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00021	0.00021	0.0096	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.00097	0.00097	0.0096	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00190	0.00036	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00069 (1)	0.00069	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00059 (1)	0.00059	0.0096	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00042	0.00042	0.0096	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00035	0.00035	0.0096	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00037	0.00037	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00153	0.00035	0.0096	N/A	N/A	N/A	5968550
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00036	0.00036	0.0096	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00038	0.00038	0.0096	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00033	0.00033	0.0096	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00067	0.00067	0.0096	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00037	0.00037	0.0096	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00037	0.00037	0.0096	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0096	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0019	0.0014	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0014	0.0014	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0044	0.0016	0.0096	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00089	0.00089	0.0096	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00086	0.00086	0.0096	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00083	0.00083	0.0096	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00091	0.00091	0.0096	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0011	0.0011	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00089	0.00089	0.0096	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00283	0.00085	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00080	0.00080	0.0096	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.00142	0.00082	0.0096	N/A	N/A	N/A	5968550
23'45-TetraCB-(67)	ng/g	<0.00078	0.00078	0.0096	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00081	0.00081	0.0096	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00080	0.00080	0.0096	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0013	0.0013	0.0096	0.000100	0.000000130	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00084	0.00084	0.0096	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00071	0.00071	0.0096	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00075	0.00075	0.0096	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0096	0.000300	0.000000360	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0037	0.0025	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0019	0.0019	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0041	0.0019	0.058	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0096	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0057	0.0020	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0024	0.0024	0.0096	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0043	0.0023	0.0096	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00065	0.00065	0.0096	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	0.0022	0.0012	0.0096	0.0000300	0.0000000660	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00092	0.00092	0.0096	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00087	0.00087	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.00093	0.00093	0.019	N/A	N/A	N/A	5968550
PentaCB-(110)+(115)	ng/g	0.0057	0.0018	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0096	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0096	0.0000300	0.0000000360	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	<0.0046 (1)	0.0046	0.0096	0.0000300	0.000000138	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00098	0.00098	0.0096	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0096	0.0000300	0.0000000390	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0096	0.100	0.000120	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00091	0.00091	0.0096	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0034	0.0034	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0126	0.0037	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0045	0.0045	0.0096	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0043	0.0043	0.0096	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0041	0.0041	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0057	0.0057	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.0096	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0055	0.0055	0.0096	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0044	0.0044	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0030	0.0030	0.0096	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	<0.0039 (1)	0.0039	0.019	N/A	N/A	N/A	5968550
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.0096	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0045	0.0045	0.0096	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	<0.0066 (1)	0.0066	0.0096	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0049	0.0049	0.0096	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0017	0.0017	0.019	0.0000300	0.0000000510	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0027	0.0027	0.0096	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0016	0.0016	0.0096	0.0000300	0.0000000480	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0096	0.0300	0.0000540	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0038	0.0038	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0068	0.0068	0.0096	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0046	0.0046	0.0096	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0070	0.0070	0.0096	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0052	0.0027	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0068	0.0068	0.0096	N/A	N/A	N/A	5968550
22'344'5'6-HeptaCB-(183)	ng/g	<0.0037	0.0037	0.0096	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.0096	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0051	0.0051	0.0096	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0065	0.0065	0.0096	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0096	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0052	0.0052	0.0096	0.0000300	0.000000156	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.0096	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0068	0.0068	0.0096	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0076	0.0076	0.0096	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0089	0.0089	0.0096	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0066	0.0066	0.0096	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0091	0.0091	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0058	0.0058	0.0096	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0060	0.0060	0.0096	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0049	0.0049	0.0096	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0084	0.0084	0.0096	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0062	0.0062	0.0096	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0075	0.0075	0.0096	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0069	0.0069	0.0096	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0056	0.0056	0.0096	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.0096	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.011	0.011	0.0096	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000175	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'55'6-NonaCB-(206)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	135	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	74	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	129	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	96	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	44	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	50	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	52	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA044						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	69	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	5968550
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	61	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968550
3-MonoCB-(2)	ng/g	<0.00024	0.00024	0.0095	N/A	N/A	N/A	5968550
4-MonoCB-(3)	ng/g	<0.00025	0.00025	0.0095	N/A	N/A	N/A	5968550
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
2,3-DiCB-(5)	ng/g	<0.00020	0.00020	0.0095	N/A	N/A	N/A	5968550
2,3'-DiCB-(6)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968550
2,4-DiCB-(7)	ng/g	<0.00019	0.00019	0.0095	N/A	N/A	N/A	5968550
2,4'-DiCB-(8)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968550
2,5-DiCB-(9)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968550
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
3,3'-DiCB-(11)	ng/g	0.00348	0.00018	0.0095	N/A	N/A	N/A	5968550
DiCB-(12)+(13)	ng/g	<0.00019	0.00019	0.019	N/A	N/A	N/A	5968550
3,5-DiCB-(14)	ng/g	<0.00018	0.00018	0.0095	N/A	N/A	N/A	5968550
4,4'-DiCB-(15)	ng/g	<0.00034	0.00034	0.0095	N/A	N/A	N/A	5968550
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
22'4-TriCB-(17)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968550
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	5968550
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
TriCB-(20) + (28)	ng/g	0.00170	0.00047	0.019	N/A	N/A	N/A	5968550
TriCB-(21)+(33)	ng/g	<0.00049	0.00049	0.019	N/A	N/A	N/A	5968550
234'-TriCB-(22)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	5968550
235-TriCB-(23)	ng/g	<0.00054	0.00054	0.0095	N/A	N/A	N/A	5968550
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	5968550
23'4-TriCB-(25)	ng/g	<0.00046	0.00046	0.0095	N/A	N/A	N/A	5968550
TriCB-(26)+(29)	ng/g	<0.00048	0.00048	0.019	N/A	N/A	N/A	5968550
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
24'5-TriCB-(31)	ng/g	0.00143	0.00045	0.0095	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
23'5'-TriCB-(34)	ng/g	<0.00047	0.00047	0.0095	N/A	N/A	N/A	5968550
33'4-TriCB-(35)	ng/g	<0.00049	0.00049	0.0095	N/A	N/A	N/A	5968550
33'5-TriCB-(36)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	5968550
344'-TriCB-(37)	ng/g	<0.00087	0.00087	0.0095	N/A	N/A	N/A	5968550
345-TriCB-(38)	ng/g	<0.00047	0.00047	0.0095	N/A	N/A	N/A	5968550
34'5-TriCB-(39)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	5968550
TetraCB-(40)+(41)+(71)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	5968550
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'35-TetraCB-(43)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968550
TetraCB-(44)+(47)+(65)	ng/g	0.0018	0.0015	0.029	N/A	N/A	N/A	5968550
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.019	N/A	N/A	N/A	5968550
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'45-TetraCB-(48)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0015	0.0015	0.019	N/A	N/A	N/A	5968550
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	5968550
22'55'-TetraCB-(52)	ng/g	0.0029	0.0017	0.0095	N/A	N/A	N/A	5968550
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	5968550
233'4-TetraCB-(55)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	5968550
233'4'-Tetra CB(56)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	5968550
233'5-TetraCB-(57)	ng/g	<0.00080	0.00080	0.0095	N/A	N/A	N/A	5968550
233'5'-TetraCB-(58)	ng/g	<0.00088	0.00088	0.0095	N/A	N/A	N/A	5968550
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.029	N/A	N/A	N/A	5968550
2344'-TetraCB -(60)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	5968550
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00287	0.00082	0.038	N/A	N/A	N/A	5968550
234'5-TetraCB-(63)	ng/g	<0.00077	0.00077	0.0095	N/A	N/A	N/A	5968550
234'6-TetraCB-(64)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	5968550
23'44'-TetraCB-(66)	ng/g	0.00182	0.00079	0.0095	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.00075	0.00075	0.0095	N/A	N/A	N/A	5968550
23'45'-TetraCB-(68)	ng/g	<0.00078	0.00078	0.0095	N/A	N/A	N/A	5968550
23'55'-TetraCB-(72)	ng/g	<0.00077	0.00077	0.0095	N/A	N/A	N/A	5968550
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0095	N/A	N/A	N/A	5968550
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.0095	0.000100	0.000000120	N/A	5968550
33'45-TetraCB-(78)	ng/g	<0.00081	0.00081	0.0095	N/A	N/A	N/A	5968550
33'45'-TetraCB(79)	ng/g	<0.00069	0.00069	0.0095	N/A	N/A	N/A	5968550
33'55'-TetraCB-(80)	ng/g	<0.00072	0.00072	0.0095	N/A	N/A	N/A	5968550
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0095	0.000300	0.000000360	N/A	5968550
22'33'4-PentaCB-(82)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	5968550
PentaCB-(83)+(99)	ng/g	0.0036	0.0024	0.019	N/A	N/A	N/A	5968550
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
PentaCB-(85)+(116)+(117)	ng/g	<0.0018	0.0018	0.029	N/A	N/A	N/A	5968550
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0026	0.0019	0.057	N/A	N/A	N/A	5968550
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.019	N/A	N/A	N/A	5968550
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968550
PentaCB-(90)+(101)+(113)	ng/g	0.0045	0.0019	0.029	N/A	N/A	N/A	5968550
22'355'-PentaCB-(92)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.038	N/A	N/A	N/A	5968550
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
22'35'6-PentaCB-(95)	ng/g	0.0026	0.0022	0.0095	N/A	N/A	N/A	5968550
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'466'-PentaCB-(104)	ng/g	<0.00076	0.00076	0.0095	N/A	N/A	N/A	5968550
233'44'-PentaCB-(105)	ng/g	<0.0011	0.0011	0.0095	0.0000300	0.0000000330	N/A	5968550
233'45-PentaCB-(106)	ng/g	<0.00090	0.00090	0.0095	N/A	N/A	N/A	5968550
233'4'5-PentaCB-(107)	ng/g	<0.00085	0.00085	0.0095	N/A	N/A	N/A	5968550
PentaCB-(108)+(124)	ng/g	<0.00091	0.00091	0.019	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0043	0.0017	0.019	N/A	N/A	N/A	5968550
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	5968550
2344'5-PentaCB-(114)	ng/g	<0.0011	0.0011	0.0095	0.0000300	0.0000000330	N/A	5968550
23'44'5-PentaCB-(118)	ng/g	0.0043	0.0011	0.0095	0.0000300	0.000000129	N/A	5968550
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	5968550
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	5968550
233'4'5'-PentaCB-(122)	ng/g	<0.00096	0.00096	0.0095	N/A	N/A	N/A	5968550
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0095	0.0000300	0.0000000390	N/A	5968550
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0095	0.100	0.000110	N/A	5968550
33'455'-PentaCB-(127)	ng/g	<0.00089	0.00089	0.0095	N/A	N/A	N/A	5968550
HexaCB-(128)+(166)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	5968550
HexaCB-(129)+(138)+(163)	ng/g	0.0090	0.0031	0.029	N/A	N/A	N/A	5968550
22'33'45'-HexaCB-(130)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	5968550
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	5968550
22'33'46'-HexaCB-(132)	ng/g	<0.0035	0.0035	0.0095	N/A	N/A	N/A	5968550
22'33'55'-HexaCB-(133)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	5968550
HexaCB-(134)+(143)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	5968550
HexaCB-(135)+(151)	ng/g	<0.0028	0.0028	0.019	N/A	N/A	N/A	5968550
22'33'66'-HexaCB-(136)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	5968550
22'344'5-HexaCB-(137)	ng/g	<0.0033	0.0033	0.0095	N/A	N/A	N/A	5968550
HexaCB-(139)+(140)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	5968550
22'3455'-HexaCB-(141)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	5968550
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	5968550
22'345'6-HexaCB-(144)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
22'3466'-HexaCB-(145)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	5968550
22'34'55'-HexaCB-(146)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	5968550
HexaCB-(147)+(149)	ng/g	<0.0031	0.0031	0.019	N/A	N/A	N/A	5968550

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968550
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	5968550
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	5968550
HexaCB-(153)+(168)	ng/g	0.0076	0.0025	0.0095	N/A	N/A	N/A	5968550
22'44'56'-HexaCB-(154)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968550
22'44'66'-HexaCB-(155)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	5968550
HexaCB-(156)+(157)	ng/g	<0.0018	0.0018	0.019	0.0000300	0.0000000540	N/A	5968550
233'44'6-HexaCB-(158)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968550
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
233'45'6-HexaCB-(161)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	5968550
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	5968550
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	5968550
23'44'55'-HexaCB-(167)	ng/g	<0.0018	0.0018	0.0095	0.0000300	0.0000000540	N/A	5968550
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0095	0.0300	0.0000570	N/A	5968550
22'33'44'5-HeptaCB-(170)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968550
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.019	N/A	N/A	N/A	5968550
22'33'455'-HeptaCB-(172)	ng/g	<0.0041	0.0041	0.0095	N/A	N/A	N/A	5968550
22'33'456'-HeptaCB-(174)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	5968550
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	5968550
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0095	N/A	N/A	N/A	5968550
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0040	0.0040	0.0095	N/A	N/A	N/A	5968550
22'33'55'6-HeptaCB-(178)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	5968550
22'33'566'-HeptaCB-(179)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	5968550
HeptaCB-(180)+(193)	ng/g	<0.0029	0.0029	0.019	N/A	N/A	N/A	5968550
22'344'56-HeptaCB-(181)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	5968550
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0095	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	5968550
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	5968550
22'3455'6-HeptaCB-(185)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	5968550
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	5968550
22'34'55'6-HeptaCB-(187)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	5968550
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	5968550
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.0095	0.0000300	0.0000000690	N/A	5968550
233'44'56-HeptaCB-(190)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968550
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	5968550
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	5968550
22'33'44'55'-OctaCB-(194)	ng/g	<0.0054	0.0054	0.0095	N/A	N/A	N/A	5968550
22'33'44'56-OctaCB-(195)	ng/g	<0.0060	0.0060	0.0095	N/A	N/A	N/A	5968550
22'33'44'56'-OctaCB-(196)	ng/g	<0.0041	0.0041	0.0095	N/A	N/A	N/A	5968550
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	5968550
OctaCB-(198)+(199)	ng/g	<0.0041	0.0041	0.019	N/A	N/A	N/A	5968550
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	5968550
22'33'45'66'-OctaCB-(201)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968550
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	5968550
22'344'55'6-OctaCB-(203)	ng/g	<0.0039	0.0039	0.0095	N/A	N/A	N/A	5968550
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0095	N/A	N/A	N/A	5968550
233'44'55'6-OctaCB-(205)	ng/g	<0.0060	0.0060	0.0095	N/A	N/A	N/A	5968550
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.0095	N/A	N/A	N/A	5968550
22'33'44'566'-NonaCB-(207)	ng/g	<0.0091	0.0091	0.0095	N/A	N/A	N/A	5968550
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.0095	N/A	N/A	N/A	5968550
DecaCB-(209)	ng/g	<0.010	0.010	0.0095	N/A	N/A	N/A	5968550
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000168	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	70	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'66'-OctaCB-(202)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'44'66'-HexaCB-(155)	%	107	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'6-TriCB-(19)	%	67	N/A	N/A	N/A	N/A	N/A	5968550
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'44'-PentaCB-(105)	%	62	N/A	N/A	N/A	N/A	N/A	5968550
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	5968550
C13-2344'5-PentaCB-(114)	%	64	N/A	N/A	N/A	N/A	N/A	5968550
C13-23'44'5-PentaCB-(118)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	5968550
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'55'-HexaCB-(169)	%	35	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'5-PentaCB-(126)	%	45	N/A	N/A	N/A	N/A	N/A	5968550
C13-33'44'-TetraCB-(77)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	5968550
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	5968550
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	5968550

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA045						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-CLAMS 15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	5968550
C13-DecaCB-(209)	%	59	N/A	N/A	N/A	N/A	N/A	5968550
C13-HexaCB-(156)+(157)	%	58	N/A	N/A	N/A	N/A	N/A	5968550

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00086	0.00086	0.011	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00073	0.00073	0.011	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00084	0.00084	0.011	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.011	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00068	0.00068	0.011	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00057	0.00057	0.011	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00056	0.00056	0.011	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00050	0.00050	0.011	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00056	0.00056	0.011	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0028 (1)	0.0028	0.011	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00056	0.00056	0.022	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00055	0.00055	0.011	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.00097	0.00097	0.011	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.011	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0029	0.0029	0.011	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0038	0.0024	0.022	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0374	0.00070	0.022	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.00113	0.00072	0.022	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.00778	0.00076	0.011	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.011	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.00307	0.00070	0.011	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.00966	0.00071	0.022	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.011	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0292	0.00068	0.011	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.00070	0.00070	0.011	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.011	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00063	0.00063	0.011	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.011	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.011	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.011	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0095	0.0011	0.033	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0171	0.0014	0.011	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	0.0021	0.0014	0.011	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.138	0.0011	0.033	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0039	0.0012	0.022	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.011	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	0.0018	0.0011	0.011	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.138	0.0010	0.022	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	0.0014	0.0011	0.022	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.298	0.0010	0.011	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.00090	0.00090	0.011	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0398	0.00098	0.011	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.00090	0.00090	0.011	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.00094	0.00094	0.011	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0116	0.00083	0.033	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0320	0.00095	0.011	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.375	0.00091	0.044	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0103	0.00087	0.011	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0717	0.00089	0.011	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.180	0.00087	0.011	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	0.00225	0.00077	0.011	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00293	0.00081	0.011	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.00458	0.00084	0.011	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.00090	0.00090	0.011	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0081	0.0013	0.011	0.000100	0.000000810	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.00092	0.00092	0.011	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.00529	0.00080	0.011	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.00079	0.00079	0.011	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.011	0.000300	0.000000390	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0216	0.0013	0.011	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.512	0.0012	0.022	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0564	0.0012	0.011	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.102	0.00091	0.033	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.250	0.00094	0.066	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0442	0.0011	0.022	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.011	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.637	0.00094	0.033	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.134	0.0011	0.011	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0058	0.0011	0.044	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.011	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.241	0.0011	0.011	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00076	0.00076	0.011	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0049	0.0010	0.011	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00046	0.00046	0.011	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.255	0.0011	0.011	0.0000300	0.00000765	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.00084	0.00084	0.011	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0497	0.00072	0.011	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0228	0.00088	0.022	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.616	0.00088	0.022	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.00079	0.00079	0.011	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.00075	0.00075	0.011	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0145	0.0011	0.011	0.0000300	0.000000435	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.824	0.0011	0.011	0.0000300	0.0000247	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.00287	0.00078	0.011	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.00081	0.00081	0.011	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.00396	0.00095	0.011	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0133	0.0012	0.011	0.0000300	0.000000399	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.011	0.100	0.000100	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.00099 (1)	0.00099	0.011	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0826	0.0013	0.022	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.839	0.0014	0.033	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0320	0.0018	0.011	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0041	0.0018	0.011	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0983	0.0016	0.011	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0134	0.0015	0.011	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0199	0.0017	0.022	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.150	0.0026	0.022	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0283	0.0019	0.011	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0563	0.0018	0.011	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0120	0.0014	0.022	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0739	0.0014	0.011	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.011	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0188	0.0025	0.011	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.108	0.0014	0.011	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.230	0.0014	0.022	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0026	0.0026	0.011	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.746	0.0012	0.011	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0106	0.0021	0.011	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.011	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0873	0.0016	0.022	0.0000300	0.00000262	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0677	0.0010	0.011	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	0.0016	0.0012	0.011	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.011	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.011	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.0032	0.0012	0.011	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0198	0.0010	0.011	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.011	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0351	0.0015	0.011	0.0000300	0.00000105	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.011	0.0300	0.0000480	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0684	0.0018	0.011	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0200	0.0022	0.022	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0131	0.0023	0.011	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0283	0.0020	0.011	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	0.0028	0.0021	0.011	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0029 (1)	0.0029	0.011	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0150	0.0023	0.011	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0192	0.0022	0.011	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0177	0.0015	0.011	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.180	0.0018	0.022	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.011	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0257	0.0020	0.011	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.011	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0256	0.0021	0.011	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.011	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0853	0.0020	0.011	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.011	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0032	0.0014	0.011	0.0000300	0.000000096	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0140	0.0018	0.011	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0036	0.0017	0.011	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.011	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0230	0.0019	0.011	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0077	0.0021	0.011	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0111	0.0034	0.011	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0195	0.0033	0.022	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.011	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0026	0.0023	0.011	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0055	0.0023	0.011	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0147	0.0031	0.011	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.011	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.011	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.011	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.011	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.011	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0047	0.0047	0.011	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000186	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	137	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	114	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA064						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	139	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	133	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	109	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00072	0.00072	0.0098	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00068	0.00068	0.0098	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	0.00286	0.00069	0.0098	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00067	0.00067	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.00244	0.00090	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.00081	0.00081	0.0098	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0222	0.00033	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.00066	0.00034	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.00379	0.00036	0.0098	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.00127	0.00033	0.0098	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.00525	0.00033	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0146	0.00032	0.0098	N/A	N/A	N/A	6093649
24'6-TriCB-(32)	ng/g	0.00090	0.00073	0.0098	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00030	0.00030	0.0098	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.00074 (1)	0.00074	0.0098	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0046	0.0010	0.029	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0064	0.0013	0.0098	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0823	0.00095	0.029	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0015	0.0011	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.0777	0.00091	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.175	0.00093	0.0098	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.00060	0.00060	0.0098	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0165	0.00065	0.0098	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.00062	0.00062	0.0098	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.00866	0.00075	0.029	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0277	0.00063	0.0098	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.245	0.00060	0.039	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.00865	0.00058	0.0098	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0403	0.00081	0.0098	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.160	0.00058	0.0098	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00254	0.00054	0.0098	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.00387	0.00055	0.0098	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.00400	0.00087	0.0098	0.000100	0.000000400	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.00061	0.00061	0.0098	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.00325	0.00053	0.0098	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.00052	0.00052	0.0098	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.00085	0.00085	0.0098	0.000300	0.000000255	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0080	0.0017	0.0098	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.613	0.0016	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0219	0.0017	0.0098	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0856	0.0013	0.029	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.198	0.0013	0.059	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0229	0.0016	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.531	0.0013	0.029	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.114	0.0016	0.0098	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0054	0.0016	0.039	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.140	0.0015	0.0098	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0030	0.0014	0.0098	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.0098	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.296	0.00094	0.0098	0.0000300	0.00000888	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0600	0.00060	0.0098	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0190	0.00074	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.513	0.0012	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0180	0.00091	0.0098	0.0000300	0.000000540	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.01	0.00092	0.0098	0.0000300	0.0000303	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0037	0.0011	0.0098	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0011 (1)	0.0011	0.0098	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0135	0.00099	0.0098	0.0000300	0.000000405	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.00087	0.00087	0.0098	0.100	0.0000870	N/A	6093649
33'455'-PentaCB-(127)	ng/g	0.00119	0.00076	0.0098	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0763	0.0018	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.993	0.0018	0.029	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0244	0.0023	0.0098	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0027	0.0024	0.0098	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0495	0.0021	0.0098	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0172	0.0020	0.0098	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0128	0.0022	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.115	0.0022	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0129	0.0016	0.0098	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0757	0.0023	0.0098	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0124	0.0018	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0860	0.0018	0.0098	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0160	0.0022	0.0098	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.112	0.0019	0.0098	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.151	0.0019	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.993	0.0015	0.0098	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0112	0.0018	0.0098	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.107	0.0013	0.020	0.0000300	0.00000321	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0830	0.0013	0.0098	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0011 (1)	0.0011	0.0098	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.00458	0.00096	0.0098	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0195	0.0013	0.0098	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0419	0.0012	0.0098	0.0000300	0.00000126	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0098	0.0300	0.0000390	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0720	0.0014	0.0098	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0239	0.0017	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0152	0.0018	0.0098	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0199	0.0016	0.0098	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0024	0.0016	0.0098	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0089	0.0018	0.0098	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0239	0.0022	0.0098	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0137	0.0015	0.0098	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.202	0.0014	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0297	0.0015	0.0098	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0353	0.0016	0.0098	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0954	0.0020	0.0098	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0041	0.0013	0.0098	0.0000300	0.000000123	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0157	0.0014	0.0098	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0036	0.0013	0.0098	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0227	0.0018	0.0098	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0097	0.0019	0.0098	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0106	0.0020	0.0098	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0208	0.0020	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.0023 (1)	0.0023	0.0098	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0065	0.0014	0.0098	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0186	0.0019	0.0098	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0044 (1)	0.0044	0.0098	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000171	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	140	N/A	N/A	N/A	N/A	N/A	6093649

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	82	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	129	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	119	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	78	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	111	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051	0.00051	0.0098	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.0098	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0098	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00067 (1)	0.00067	0.0098	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.00096	0.00096	0.0098	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0017 (1)	0.0017	0.0098	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00038	0.00038	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.00066	0.00066	0.0098	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0025	0.0017	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0217	0.00039	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.00087	0.00040	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.00318	0.00042	0.0098	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.00044	0.00044	0.0098	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.00137	0.00039	0.0098	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.00448	0.00039	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0145	0.00038	0.0098	N/A	N/A	N/A	6093649
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00035	0.00035	0.0098	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.00067 (1)	0.00067	0.0098	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.00480	0.00078	0.029	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.00632	0.00099	0.0098	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0822	0.00074	0.029	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.00210	0.00082	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.00093	0.00093	0.0098	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0011 (1)	0.0011	0.0098	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.0788	0.00071	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.00079	0.00079	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.182	0.00072	0.0098	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	0	N/A	0.0098	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0165	0.00073	0.0098	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	0.00093	0.00067	0.0098	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.00859	0.00058	0.029	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0272	0.00071	0.0098	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.239	0.00068	0.039	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.00764	0.00065	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0426	0.00063	0.0098	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.152	0.00065	0.0098	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	0.00065	0.00057	0.0098	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	0.00249	0.00060	0.0098	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.00470	0.00062	0.0098	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.00064	0.00064	0.0098	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.00440	0.00098	0.0098	0.000100	0.000000440	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.00069	0.00069	0.0098	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.00199	0.00060	0.0098	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.00096	0.00096	0.0098	0.000300	0.000000288	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0080	0.0012	0.0098	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.622	0.0011	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0210	0.0012	0.0098	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0814	0.00085	0.029	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.193	0.00089	0.059	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0241	0.0011	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.530	0.00088	0.029	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.112	0.0011	0.0098	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0049	0.0011	0.039	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.136	0.0010	0.0098	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.00292	0.00096	0.0098	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.287	0.00061	0.0098	0.0000300	0.00000861	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0542	0.00039	0.0098	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0176	0.00048	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.513	0.00083	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	0.00088	0.00074	0.0098	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0185	0.00059	0.0098	0.0000300	0.000000555	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.938	0.00060	0.0098	0.0000300	0.0000281	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.00330	0.00074	0.0098	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.00076	0.00076	0.0098	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.00118	0.00052	0.0098	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0116	0.00065	0.0098	0.0000300	0.000000348	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.00096 (1)	0.00096	0.0098	0.100	0.0000960	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0010 (1)	0.0010	0.0098	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0744	0.0010	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.983	0.0011	0.029	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0247	0.0013	0.0098	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0026	0.0014	0.0098	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0487	0.0013	0.0098	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0162	0.0012	0.0098	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0111	0.0013	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.110	0.0023	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0147	0.0017	0.0098	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0611	0.0014	0.0098	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0139	0.0011	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0841	0.0011	0.0098	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0133	0.0022	0.0098	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.106	0.0011	0.0098	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.145	0.0011	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.02	0.00089	0.0098	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0117	0.0019	0.0098	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.104	0.00099	0.020	0.0000300	0.00000312	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0814	0.00079	0.0098	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0013 (1)	0.0013	0.0098	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.00099	0.00099	0.0098	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.00253	0.00075	0.0098	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0237	0.00077	0.0098	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.00092	0.00092	0.0098	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0430	0.00095	0.0098	0.0000300	0.00000129	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.0098	0.0300	0.0000300	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0728	0.0011	0.0098	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0242	0.0014	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0144	0.0015	0.0098	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0228	0.0013	0.0098	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	0.0024	0.0013	0.0098	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.00254	0.00098	0.0098	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0091	0.0014	0.0098	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0251	0.0014	0.0098	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.0125	0.00095	0.0098	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.203	0.0011	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0301	0.0012	0.0098	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.00089	0.00089	0.0098	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0364	0.0013	0.0098	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.00098	0.00098	0.0098	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0953	0.0012	0.0098	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.00096	0.00096	0.0098	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0037	0.0011	0.0098	0.0000300	0.000000111	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0157	0.0012	0.0098	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0032	0.0011	0.0098	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0250	0.0019	0.0098	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0077	0.0021	0.0098	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0121	0.0032	0.0098	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0215	0.0032	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0035	0.0022	0.0098	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0066	0.0022	0.0098	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0180	0.0030	0.0098	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0056 (1)	0.0056	0.0098	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000169	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	140	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	81	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	77	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA065						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-02 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	80	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	75	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	105	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	0.00246	0.00069	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00072	0.00072	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0075	0.0025	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0555	0.00086	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.00135	0.00093	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.00965	0.00093	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.00456	0.00092	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0144	0.00087	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0469	0.00085	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	0.0020	0.0014	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0128	0.0015	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0245	0.0018	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.187	0.0014	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0039	0.0016	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.191	0.0014	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	0.0021	0.0015	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.513	0.0016	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0490	0.0011	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0186	0.0011	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0431	0.0011	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.510	0.0010	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0147	0.0010	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0921	0.0012	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.260	0.0010	0.010	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	0.00248	0.00095	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00420	0.00096	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0075	0.0010	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0130	0.0014	0.010	0.000100	0.00000130	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.00444	0.00095	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0301	0.0023	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.754	0.0020	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0778	0.0022	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.141	0.0015	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.384	0.0016	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0581	0.0019	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.03	0.0016	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.222	0.0020	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0071	0.0020	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.355	0.0019	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0066	0.0018	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.371	0.0016	0.010	0.0000300	0.0000111	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0817	0.0012	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0301	0.0012	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	1.03	0.0016	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0225	0.0015	0.010	0.0000300	0.000000675	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.19	0.0015	0.010	0.0000300	0.0000357	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0033	0.0014	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0212	0.0016	0.010	0.0000300	0.000000636	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.010	0.100	0.000140	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.148	0.0028	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.34	0.0030	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0527	0.0037	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0080	0.0039	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.148	0.0035	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0240	0.0034	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0357	0.0037	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.240	0.0031	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0389	0.0022	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0789	0.0037	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0166	0.0030	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.119	0.0030	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0268	0.0030	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.162	0.0028	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.371	0.0030	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	1.22	0.0025	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0132	0.0026	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.122	0.0020	0.020	0.0000300	0.00000366	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.103	0.0022	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.0054	0.0016	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0351	0.0022	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0494	0.0019	0.010	0.0000300	0.00000148	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.010	0.0300	0.0000600	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0895	0.0024	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0321	0.0032	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0163	0.0033	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0383	0.0029	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0060	0.0020	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0309	0.0032	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0343	0.0028	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0319	0.0019	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.226	0.0024	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0458	0.0030	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0359	0.0029	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.153	0.0025	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0041 (1)	0.0041	0.010	0.0000300	0.000000123	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0203	0.0025	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0038	0.0024	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0314	0.0030	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0099	0.0032	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0142	0.0042	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0319	0.0041	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0052	0.0029	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0093	0.0028	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0191	0.0038	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000255	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	135	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	123	N/A	N/A	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA066						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	159 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	117	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	125	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	80	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	53	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00063	0.00063	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0092 (1)	0.0092	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0645	0.00078	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0014 (1)	0.0014	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0108	0.00085	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.00482	0.00084	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0140	0.00079	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0531	0.00078	0.010	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0022	0.0021	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0194	0.0031	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0245	0.0036	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.219	0.0028	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0074	0.0032	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	0.0054	0.0031	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.209	0.0028	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	0.0036	0.0031	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.529	0.0031	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0550	0.0013	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0186	0.0023	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0510	0.0013	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.561	0.0012	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0152	0.0012	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.105	0.0024	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.300	0.0012	0.010	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0025	0.0011	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	0.0046	0.0011	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0076	0.0012	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0115	0.0016	0.010	0.000100	0.00000115	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0039	0.0011	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0354	0.0028	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.841	0.0024	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0940	0.0027	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.174	0.0019	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.421	0.0020	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0699	0.0024	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.05	0.0020	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.233	0.0025	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0111	0.0024	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.393	0.0023	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0062	0.0022	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.416	0.0017	0.010	0.0000300	0.0000125	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0812	0.0013	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0328	0.0014	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	1.05	0.0019	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0248	0.0017	0.010	0.0000300	0.000000744	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.31	0.0017	0.010	0.0000300	0.0000393	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0047	0.0017	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.0040	0.0015	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0177	0.0018	0.010	0.0000300	0.000000531	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.010	0.100	0.000160	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.151	0.0030	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.47	0.0032	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0492	0.0040	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0065	0.0043	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.150	0.0038	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0259	0.0037	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0351	0.0040	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.270	0.0033	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0474	0.0024	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0833	0.0040	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0192	0.0033	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.126	0.0033	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0272	0.0032	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.155	0.0030	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.379	0.0032	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.40	0.0028	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0183	0.0027	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.131	0.0020	0.020	0.0000300	0.00000393	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.120	0.0024	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.0038	0.0016	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0434	0.0023	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0570	0.0019	0.010	0.0000300	0.00000171	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.010	0.0300	0.0000600	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0986	0.0024	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0359	0.0031	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0208	0.0032	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0462	0.0028	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0063	0.0026	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0315	0.0031	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0367	0.0036	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0353	0.0025	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.256	0.0023	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0473	0.0029	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0475	0.0029	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.154	0.0032	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0050 (1)	0.0050	0.010	0.0000300	0.000000150	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0263	0.0025	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0049	0.0023	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0344	0.0026	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0116	0.0028	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0178	0.0046	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0320	0.0046	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0056	0.0032	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0111	0.0031	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0248	0.0042	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000280	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	140	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	123	N/A	N/A	N/A	N/A	N/A	6093649

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA067						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	126	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	101	N/A	N/A	N/A	N/A	N/A	6093649

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00074	0.00074	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0045 (1)	0.0045	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0374	0.00094	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0064	0.0010	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0030	0.0010	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.00834	0.00095	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0288	0.00093	0.0099	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0087	0.0020	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0064	0.0023	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.126	0.0019	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0028	0.0021	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.120	0.0018	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.317	0.0020	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0303	0.0014	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0100	0.0015	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0321	0.0014	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.355	0.0013	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0085	0.0013	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0614	0.0016	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.186	0.0013	0.0099	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	0.0015	0.0012	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0030	0.0012	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0050	0.0013	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0064	0.0018	0.0099	0.000100	0.000000640	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0029	0.0012	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0099	0.000300	0.000000510	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0156	0.0027	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.645	0.0023	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0449	0.0026	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.116	0.0018	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.223	0.0019	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0352	0.0023	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.703	0.0019	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.154	0.0023	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038 (1)	0.0038	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.215	0.0022	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0053	0.0021	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.291	0.0017	0.0099	0.0000300	0.00000873	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0564	0.0013	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0219	0.0013	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.656	0.0018	0.020	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0172	0.0017	0.0099	0.0000300	0.000000516	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.952	0.0017	0.0099	0.0000300	0.0000286	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0031	0.0016	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0137	0.0018	0.0099	0.0000300	0.000000411	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.125	0.0021	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.17	0.0023	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0283	0.0028	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0827	0.0027	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0210	0.0026	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0209	0.0028	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.172	0.0035	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0277	0.0026	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0689	0.0028	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0143	0.0023	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0918	0.0023	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0203	0.0035	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.128	0.0021	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.191	0.0022	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.24	0.0019	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0134	0.0029	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0997	0.0025	0.020	0.0000300	0.00000299	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0906	0.0017	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0244	0.0016	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0454	0.0024	0.0099	0.0000300	0.00000136	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.0099	0.0300	0.0000780	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0883	0.0023	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0286	0.0030	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0193	0.0031	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0278	0.0027	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0045	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0150	0.0030	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0305	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0243	0.0025	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.241	0.0022	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0462	0.0028	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0293	0.0028	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.131	0.0032	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0057	0.0023	0.0099	0.0000300	0.000000171	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0188	0.0024	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0049	0.0023	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0326	0.0031	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0109	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0174	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0292	0.0036	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0030	0.0025	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0089	0.0024	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0228	0.0033	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000282	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	128	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA068						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	125	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	54	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	83	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0085	0.0032	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0365	0.0013	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.0018	0.0014	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0075	0.0014	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0024	0.0014	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0070	0.0013	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0318	0.0013	0.0099	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0143	0.0030	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0175	0.0035	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.108	0.0028	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.0925	0.0027	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.286	0.0030	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0272	0.0019	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0093	0.0022	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0284	0.0018	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.315	0.0017	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0087	0.0017	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0537	0.0024	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.166	0.0017	0.0099	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0030	0.0016	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0040	0.0017	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0074	0.0023	0.0099	0.000100	0.000000740	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0020	0.0016	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0099	0.000300	0.000000690	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0161	0.0035	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.413	0.0030	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0468	0.0034	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0849	0.0023	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.225	0.0025	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0381	0.0030	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.567	0.0025	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.125	0.0030	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0076	0.0030	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.214	0.0029	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.218	0.0020	0.0099	0.0000300	0.00000654	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0408	0.0015	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0156	0.0016	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.593	0.0024	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0139	0.0019	0.0099	0.0000300	0.000000417	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.669	0.0019	0.0099	0.0000300	0.0000201	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0115	0.0021	0.0099	0.0000300	0.000000345	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0762	0.0037	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.733	0.0040	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0328	0.0050	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0826	0.0047	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0136	0.0045	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0228	0.0049	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.149	0.0049	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0254	0.0036	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0483	0.0049	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0119	0.0040	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0647	0.0040	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0155	0.0048	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.0949	0.0037	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.245	0.0039	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	0.683	0.0034	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0095	0.0041	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0722	0.0031	0.020	0.0000300	0.00000217	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0578	0.0030	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.0027	0.0026	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0199	0.0029	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0301	0.0030	0.0099	0.0000300	0.000000903	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0099	0.0300	0.0000960	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0458	0.0037	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0191	0.0049	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0101	0.0051	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0289	0.0044	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0040	0.0033	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0184	0.0049	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0201	0.0046	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0189	0.0032	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.136	0.0037	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0247	0.0046	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0193	0.0045	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.101	0.0041	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0026	0.0023	0.0099	0.0000300	0.0000000780	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0123	0.0039	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0202	0.0048	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0066	0.0052	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0090	0.0043	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0167	0.0043	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0052	0.0029	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0140	0.0040	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000308	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	134	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA069						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	130	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	122	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	119	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	0.0027	0.0011	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0076	0.0065	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0748	0.0014	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0098	0.0016	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0049 (1)	0.0049	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0186	0.0015	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0625	0.0014	0.010	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0107	0.0037	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0165	0.0043	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.224	0.0034	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0055	0.0038	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.224	0.0033	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.610	0.0038	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0471	0.0029	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0192	0.0027	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0635	0.0028	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.692	0.0026	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0190	0.0026	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.111	0.0029	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.353	0.0025	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0027	0.0024	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	0.0065	0.0024	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0091	0.0026	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0159	0.0035	0.010	0.000100	0.00000159	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0049	0.0024	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.010	0.000300	0.00000102	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0251	0.0045	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	1.04	0.0039	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0736	0.0043	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.217	0.0030	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.413	0.0031	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0634	0.0038	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.31	0.0032	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.277	0.0039	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0082	0.0038	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.360	0.0037	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0059	0.0034	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.534	0.0027	0.010	0.0000300	0.0000160	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.118	0.0021	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0434	0.0022	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	1.30	0.0030	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0303	0.0027	0.010	0.0000300	0.000000909	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.60	0.0027	0.010	0.0000300	0.0000480	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0045	0.0027	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.0030	0.0024	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0243	0.0029	0.010	0.0000300	0.000000729	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.010	0.100	0.000250	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.175	0.0046	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.80	0.0050	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0620	0.0062	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.136	0.0059	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0336	0.0056	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0377	0.0061	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.289	0.0046	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0396	0.0033	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.105	0.0061	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0186	0.0050	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.146	0.0050	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0276	0.0044	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.215	0.0046	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.377	0.0049	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.72	0.0042	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0162	0.0038	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.162	0.0035	0.020	0.0000300	0.00000486	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.123	0.0037	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0049 (1)	0.0049	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0514	0.0036	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0668	0.0033	0.010	0.0000300	0.00000200	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.010	0.0300	0.000105	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.113	0.0036	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0376	0.0047	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0257	0.0049	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0425	0.0043	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0057	0.0029	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0302	0.0047	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0474	0.0041	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0354	0.0029	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.319	0.0035	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0505	0.0044	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0483	0.0044	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.225	0.0037	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0050	0.0037	0.010	0.0000300	0.000000150	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0271	0.0038	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0045	0.0036	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0383	0.0032	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0189	0.0049	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0406	0.0049	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0052	0.0034	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0133	0.0033	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0252	0.0045	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000430	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA070						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	127	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	127	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	128	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	119	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	103	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	0.00267	0.00091	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0034 (1)	0.0034	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0308	0.0014	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0044	0.0015	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0020	0.0015	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0060	0.0014	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0227	0.0014	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0062	0.0035	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0111	0.0041	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.111	0.0033	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.103	0.0032	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.278	0.0036	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0237	0.0021	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0096	0.0026	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0333	0.0020	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.323	0.0019	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0102	0.0019	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0550	0.0028	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.190	0.0018	0.010	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0038	0.0018	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0048	0.0019	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0069	0.0026	0.010	0.000100	0.000000690	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0027	0.0017	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.010	0.000300	0.000000750	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0120	0.0039	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.483	0.0034	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0358	0.0037	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0992	0.0026	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.209	0.0027	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0324	0.0033	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.587	0.0028	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.128	0.0034	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0039 (1)	0.0039	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.171	0.0032	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.241	0.0025	0.010	0.0000300	0.00000723	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0533	0.0020	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0167	0.0020	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.544	0.0026	0.020	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0148	0.0024	0.010	0.0000300	0.000000444	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.818	0.0025	0.010	0.0000300	0.0000245	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0100	0.0027	0.010	0.0000300	0.000000300	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.010	0.100	0.000230	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0961	0.0043	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.931	0.0046	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0348	0.0058	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0755	0.0054	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0162	0.0052	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0158	0.0057	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.153	0.0046	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0199	0.0033	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0551	0.0057	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.0077 (1)	0.0077	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0720	0.0047	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0154	0.0045	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.117	0.0042	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.205	0.0045	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.898	0.0039	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0087	0.0038	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0770	0.0039	0.020	0.0000300	0.00000231	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0727	0.0034	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0253	0.0033	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0312	0.0037	0.010	0.0000300	0.000000936	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.010	0.0300	0.000117	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0635	0.0037	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0212	0.0049	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0269	0.0044	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0157	0.0049	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0255	0.0050	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0197	0.0034	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.175	0.0037	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0393	0.0046	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0260	0.0045	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.138	0.0044	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0041	0.0034	0.010	0.0000300	0.000000123	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0131	0.0039	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0185	0.0030	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0231	0.0045	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0085	0.0031	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0173	0.0042	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000384	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	139	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	131	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	132	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	123	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	117	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	123	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA071						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6093649

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RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00089	0.00089	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0060	0.0032	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0357	0.0012	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0070	0.0013	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0029	0.0012	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0088	0.0012	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0287	0.0012	0.0099	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0099	0.0029	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0156	0.0034	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.127	0.0027	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.111	0.0026	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.329	0.0030	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0306	0.0017	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0102	0.0022	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0273	0.0016	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.332	0.0016	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0094	0.0016	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0600	0.0023	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.174	0.0015	0.0099	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0031	0.0014	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0051	0.0015	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0072	0.0021	0.0099	0.000100	0.000000720	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0026	0.0014	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0178	0.0030	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.516	0.0026	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0507	0.0028	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0989	0.0020	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.250	0.0021	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0406	0.0025	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.687	0.0021	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.144	0.0026	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0058	0.0025	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.235	0.0024	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0037	0.0023	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.268	0.0017	0.0099	0.0000300	0.00000804	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0565	0.0014	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0218	0.0014	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.680	0.0020	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0153	0.0017	0.0099	0.0000300	0.000000459	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.848	0.0017	0.0099	0.0000300	0.0000254	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0023	0.0018	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0019 (1)	0.0019	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0146	0.0018	0.0099	0.0000300	0.000000438	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0971	0.0033	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.870	0.0036	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0336	0.0045	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0910	0.0042	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0180	0.0044	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.157	0.0038	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0235	0.0028	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0611	0.0044	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0120	0.0036	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0802	0.0036	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0171	0.0037	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.102	0.0033	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.215	0.0035	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.807	0.0030	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0090	0.0032	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0915	0.0022	0.020	0.0000300	0.00000275	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0704	0.0027	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0188	0.0026	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0349	0.0021	0.0099	0.0000300	0.00000105	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0022	0.0022	0.0099	0.0300	0.0000660	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0642	0.0025	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0126	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0255	0.0029	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0171	0.0033	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0215	0.0030	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0196	0.0021	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.165	0.0024	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0293	0.0030	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0254	0.0030	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0993	0.0026	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	0.0033	0.0015	0.0099	0.0000300	0.000000099	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0128	0.0026	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0033	0.0025	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0203	0.0037	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.0057 (1)	0.0057	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0110	0.0038	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0032	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0058	0.0026	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0174	0.0035	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000266	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	117	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	140	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA072						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	128	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	117	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	126	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	136	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	132	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	132	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	122	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	82	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	105	N/A	N/A	N/A	N/A	N/A	6093649

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00074	0.00074	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0041	0.0032	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0260	0.00096	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0045	0.0010	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0016	0.0010	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.00588	0.00098	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0195	0.00096	0.0099	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0076	0.0027	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0096	0.0031	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0958	0.0025	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.0938	0.0024	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.228	0.0027	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0222	0.0019	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0089	0.0020	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0253	0.0018	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.269	0.0018	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0074	0.0018	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0483	0.0021	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.148	0.0017	0.0099	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0028	0.0016	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0042	0.0017	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0064	0.0024	0.0099	0.000100	0.000000640	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0019	0.0016	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0099	0.000300	0.000000690	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0140	0.0035	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.518	0.0031	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0358	0.0034	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.0855	0.0023	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.201	0.0025	0.059	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0315	0.0030	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.577	0.0025	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.125	0.0031	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0055	0.0030	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.164	0.0029	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0037	0.0027	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.256	0.0020	0.0099	0.0000300	0.00000768	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0564	0.0015	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0173	0.0015	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.513	0.0024	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0151	0.0019	0.0099	0.0000300	0.000000453	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.841	0.0019	0.0099	0.0000300	0.0000252	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0029	0.0021	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0129	0.0021	0.0099	0.0000300	0.000000387	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.0823	0.0029	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.905	0.0031	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0310	0.0038	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.0735	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0172	0.0038	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.141	0.0040	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0213	0.0029	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0646	0.0038	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0126	0.0031	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.0727	0.0031	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0154	0.0039	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.114	0.0028	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.186	0.0030	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.930	0.0026	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0119	0.0033	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.0865	0.0027	0.020	0.0000300	0.00000260	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0718	0.0023	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0038 (1)	0.0038	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0159	0.0022	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0433	0.0026	0.0099	0.0000300	0.00000130	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.0099	0.0300	0.0000810	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0672	0.0030	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.021 (1)	0.021	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0143	0.0042	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0244	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0152	0.0040	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0266	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0176	0.0025	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.198	0.0030	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0357	0.0037	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0313	0.0037	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.125	0.0032	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0026 (1)	0.0026	0.0099	0.0000300	0.0000000780	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0140	0.0032	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0041	0.0030	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.019 (1)	0.019	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0071	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0137	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0267	0.0026	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0069	0.0017	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0178	0.0024	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000300	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	113	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	138	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	171 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	137	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	127	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	134	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA073						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	101	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00067	0.00067	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0119	0.0035	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0826	0.00099	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.0025	0.0011	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0138	0.0011	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0056	0.0011	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0171	0.0010	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0617	0.00098	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	0.0026	0.0017	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0246	0.0021	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0275	0.0025	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	0.0040	0.0031	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.277	0.0020	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0081	0.0022	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	0.0067	0.0021	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.270	0.0019	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	0.0054	0.0021	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.730	0.0022	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0728	0.0013	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0236	0.0016	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0634	0.0013	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.759	0.0012	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0186	0.0012	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.141	0.0017	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.393	0.0012	0.0099	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0027	0.0011	0.0099	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	0.0058	0.0011	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0089	0.0012	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0145	0.0016	0.0099	0.000100	0.00000145	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0042	0.0011	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0099	0.000300	0.000000480	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0420	0.0032	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	1.01	0.0028	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.105	0.0031	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.166	0.0021	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.450	0.0023	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0822	0.0027	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.26	0.0023	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.270	0.0028	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0132	0.0027	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.470	0.0026	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0086	0.0024	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.461	0.0013	0.0099	0.0000300	0.0000138	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0961	0.00098	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0374	0.0010	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	1.31	0.0022	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0275	0.0012	0.0099	0.0000300	0.000000825	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.47	0.0012	0.0099	0.0000300	0.0000441	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0056	0.0019	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.0070	0.0011	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0208	0.0013	0.0099	0.0000300	0.000000624	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.186	0.0027	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.55	0.0029	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0542	0.0036	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	0.0106	0.0038	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.178	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0263	0.0032	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0397	0.0035	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.305	0.0029	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0564	0.0021	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0854	0.0035	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0242	0.0029	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.145	0.0029	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0264	0.0028	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.174	0.0026	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.400	0.0028	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.45	0.0024	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0189	0.0024	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.133	0.0019	0.020	0.0000300	0.00000399	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.121	0.0021	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0481	0.0021	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0571	0.0018	0.0099	0.0000300	0.00000171	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.109	0.0021	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0389	0.0028	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0197	0.0029	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0529	0.0025	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	0.0039	0.0024	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0078	0.0018	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0272	0.0028	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0372	0.0025	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0366	0.0017	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.266	0.0021	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0537	0.0026	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0429	0.0026	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.158	0.0022	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0044 (1)	0.0044	0.0099	0.0000300	0.000000132	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0257	0.0022	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0053	0.0021	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0340	0.0035	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.0098 (1)	0.0098	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.017 (1)	0.017	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0372	0.0037	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	0.0060	0.0026	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.0092 (1)	0.0092	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0267	0.0034	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	0.0082	0.0023	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000244	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	149 (2)	N/A	N/A	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA074						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	138	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	168 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	129	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	128	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	74	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6093649

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) Recovery outside method acceptance criteria due to matrix effects

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.00098	0.00098	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0081	0.0040	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0565	0.0010	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	0.0019	0.0011	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0104	0.0011	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0039	0.0011	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0108	0.0010	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0475	0.0010	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	0.0024	0.0017	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0149	0.0022	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0172	0.0026	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.190	0.0021	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0047	0.0023	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	0.0038	0.0022	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.198	0.0020	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	0.0027	0.0022	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.522	0.0023	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0512	0.0017	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0161	0.0016	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0490	0.0016	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.578	0.0015	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0148	0.0015	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.101	0.0018	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.289	0.0015	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	0.0039	0.0014	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0073	0.0015	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0120	0.0020	0.010	0.000100	0.00000120	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	0.0020	0.0014	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.010	0.000300	0.000000600	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0246	0.0035	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.936	0.0030	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0742	0.0033	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.175	0.0023	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.407	0.0024	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0567	0.0029	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.19	0.0025	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.263	0.0030	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0096	0.0030	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.384	0.0029	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0082	0.0026	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.438	0.0019	0.010	0.0000300	0.0000131	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0921	0.0015	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0394	0.0015	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	1.13	0.0024	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0313	0.0019	0.010	0.0000300	0.000000939	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.52	0.0019	0.010	0.0000300	0.0000456	N/A	6093649
23'455'-PentaCB-(120)	ng/g	0.0041	0.0021	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	0.0072	0.0017	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0237	0.0020	0.010	0.0000300	0.000000711	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.010	0.100	0.000180	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.191	0.0025	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.68	0.0026	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0503	0.0033	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0049 (1)	0.0049	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.139	0.0031	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0300	0.0030	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0304	0.0032	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.300	0.0034	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0421	0.0025	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.105	0.0032	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0229	0.0027	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.150	0.0027	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0277	0.0033	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.178	0.0024	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.349	0.0026	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.64	0.0022	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0193	0.0029	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.158	0.0025	0.020	0.0000300	0.00000474	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.139	0.0020	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	0.0037	0.0020	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0400	0.0019	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0669	0.0024	0.010	0.0000300	0.00000201	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.118	0.0030	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.0451	0.0039	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.0269	0.0040	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.0510	0.0035	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	0.0060	0.0022	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	0.0067	0.0017	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.0285	0.0039	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0429	0.0023	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0373	0.0016	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.333	0.0029	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0657	0.0036	0.010	N/A	N/A	N/A	6093649

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	0.0557	0.0036	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.189	0.0021	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0046 (1)	0.0046	0.010	0.0000300	0.000000138	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0288	0.0031	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	0.0059	0.0029	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0457	0.0024	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	0.0148	0.0026	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	0.0267	0.0040	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.0423	0.0040	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.0058 (1)	0.0058	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	0.0142	0.0027	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.0334	0.0036	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	0.0103	0.0075	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000324	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	111	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	130	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	123	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	118	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	118	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	140	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	108	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	76	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	76	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	80	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	102	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA075						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	105	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	0.0089	0.0084	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0509	0.0025	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0090	0.0028	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	0.0047	0.0028	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0131	0.0026	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	<0.036 (1)	0.036	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	0.0160	0.0055	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0249	0.0064	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.149	0.0051	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.134	0.0049	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.371	0.0056	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0371	0.0054	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0119	0.0040	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0387	0.0052	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.426	0.0050	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0702	0.0044	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.218	0.0047	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0058	0.0048	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0099 (1)	0.0099	0.010	0.000100	0.000000990	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0065	0.0065	0.010	0.000300	0.00000195	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0215	0.0098	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.622	0.0085	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0606	0.0097	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.113	0.0065	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.333	0.0073	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0553	0.0084	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.890	0.0071	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.178	0.0085	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0085	0.0085	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.275	0.0082	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.341	0.0065	0.010	0.0000300	0.0000102	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0813	0.0050	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0297	0.0052	0.020	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.925	0.0071	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0198	0.0063	0.010	0.0000300	0.000000594	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.12	0.0063	0.010	0.0000300	0.0000336	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0106	0.0068	0.010	0.0000300	0.000000318	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0060	0.0060	0.010	0.100	0.000600	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.109	0.0065	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.20	0.0073	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.0540	0.0085	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.135	0.0084	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.0209	0.0078	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.0211	0.0087	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.204	0.0086	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0301	0.0064	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.0513	0.0079	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.0116	0.0070	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.101	0.0074	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.0238	0.0086	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.163	0.0069	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.361	0.0068	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.02	0.0058	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0137	0.0073	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.109	0.0054	0.020	0.0000300	0.00000327	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.0825	0.0052	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.0449	0.0055	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0476	0.0052	0.010	0.0000300	0.00000143	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0055	0.0055	0.010	0.0300	0.000165	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0787	0.0092	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.027	0.012	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.017	0.013	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.039	0.012	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.041	0.013	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.032	0.015	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.030	0.011	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.208	0.0091	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.053	0.010	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.169	0.013	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.013	0.013	0.010	0.0000300	0.000000390	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0181	0.0094	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.022	0.012	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.028	0.017	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000818	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA076						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	106	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0525	0.0036	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0080	0.0039	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0069 (1)	0.0069	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0424	0.0037	0.0099	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0081	0.0081	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.114	0.0075	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0084	0.0084	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.120	0.0072	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.338	0.0082	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0285	0.0065	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0114	0.0059	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0384	0.0062	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.436	0.0060	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0139	0.0058	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.0685	0.0065	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.234	0.0056	0.0099	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0058	0.0057	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	0.0092	0.0079	0.0099	0.000100	0.000000920	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0077	0.0077	0.0099	0.000300	0.00000231	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.684	0.0087	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0446	0.0099	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.111	0.0066	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.280	0.0075	0.059	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0375	0.0086	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.909	0.0073	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.196	0.0087	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0087	0.0087	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.224	0.0084	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.356	0.0082	0.0099	0.0000300	0.0000107	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0919	0.0063	0.0099	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0313	0.0066	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.875	0.0072	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0229	0.0079	0.0099	0.0000300	0.000000687	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.25	0.0080	0.0099	0.0000300	0.0000375	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	0.0116	0.0086	0.0099	0.0000300	0.000000348	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0076	0.0076	0.0099	0.100	0.000760	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.104	0.014	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.38	0.016	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.044	0.019	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.107	0.018	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.022 (1)	0.022	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	0.022	0.019	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.225	0.011	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0302	0.0080	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.079	0.017	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.124	0.016	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.021	0.011	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.188	0.015	0.0099	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.259	0.015	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.35	0.013	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.0130	0.0091	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.135	0.0073	0.020	0.0000300	0.00000405	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.108	0.011	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.036	0.012	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0582	0.0071	0.0099	0.0000300	0.00000175	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0074	0.0074	0.0099	0.0300	0.000222	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.100	0.010	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.040	0.014	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.039	0.013	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.025	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.038	0.012	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0372	0.0085	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.278	0.010	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.078	0.012	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA077						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.180	0.010	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0095	0.0095	0.0099	0.0000300	0.000000285	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.022	0.011	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.034	0.014	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.038	0.019	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	0.022	0.018	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.026	0.026	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00104	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6093649

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BV Labs ID		IRA077						
Sampling Date								
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	UNITS	HARBOUR-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	74	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0088	0.0088	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0586	0.0041	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	0.0096	0.0045	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	0.0135	0.0042	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0459	0.0042	0.010	N/A	N/A	N/A	6093649
24'6-TriCB-(32)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.019 (1)	0.019	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	0.0263	0.0077	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.201	0.0061	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	0.0078	0.0068	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	0.210	0.0059	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.498	0.0067	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	0.0543	0.0049	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	0.0186	0.0048	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	0.0425	0.0047	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.534	0.0045	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	0.0132	0.0044	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	0.106	0.0053	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.257	0.0043	0.010	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	0.0068	0.0043	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0060	0.0060	0.010	0.000100	0.000000600	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0058	0.0058	0.010	0.000300	0.00000174	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	0.0360	0.0075	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.835	0.0065	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	0.0881	0.0073	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	0.164	0.0049	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.448	0.0056	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	0.0733	0.0064	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	1.10	0.0054	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.222	0.0065	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0065	0.0065	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.384	0.0063	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	0.0063	0.0057	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.366	0.0091	0.010	0.0000300	0.0000110	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	0.0872	0.0069	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	0.0322	0.0073	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	1.09	0.0054	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	0.0214	0.0088	0.010	0.0000300	0.000000642	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	1.21	0.0088	0.010	0.0000300	0.0000363	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.012 (1)	0.012	0.010	0.0000300	0.000000360	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0084	0.0084	0.010	0.100	0.000840	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	0.137	0.013	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	1.30	0.014	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	0.043	0.016	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	0.134	0.016	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	0.023	0.015	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.020 (1)	0.020	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.235	0.012	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	0.0443	0.0089	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	0.074	0.015	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	0.017	0.013	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	0.127	0.014	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	0.029	0.012	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.153	0.013	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.299	0.013	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	1.15	0.011	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	0.015	0.010	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	0.112	0.0072	0.020	0.0000300	0.00000336	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	0.105	0.010	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	0.031	0.011	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	0.0469	0.0069	0.010	0.0000300	0.00000141	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0073	0.0073	0.010	0.0300	0.000219	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	0.0927	0.0085	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	0.034	0.011	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	0.019	0.012	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	0.035	0.011	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0061 (1)	0.0061	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	0.026	0.012	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	0.0340	0.0070	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	0.0341	0.0050	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.239	0.0084	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	0.0658	0.0096	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.153	0.0061	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.017	0.017	0.010	0.0000300	0.000000510	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	0.0188	0.0087	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	0.0282	0.0094	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	0.030	0.025	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00111	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA078						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	HARBOUR-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	132	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	110	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	131	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6093649

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0043	0.0017	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0035	0.0017	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0068	0.0068	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0069	0.0063	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	<0.0050	0.0050	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0176	0.0042	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0075	0.0040	0.010	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0056	0.0056	0.010	0.000100	0.000000560	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0055	0.0055	0.010	0.000300	0.00000165	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.0358	0.0093	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	<0.0071	0.0071	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0128	0.0080	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.0343	0.0078	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0093	0.0093	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	<0.013 (1)	0.013	0.010	0.0000300	0.000000390	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.0220	0.0077	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	<0.0051	0.0051	0.010	0.0000300	0.000000153	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.0408	0.0051	0.010	0.0000300	0.00000122	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.0055	0.0055	0.010	0.0000300	0.000000165	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0049	0.0049	0.010	0.100	0.000490	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.078	0.015	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	0.015	0.014	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.101	0.012	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	<0.0069	0.0069	0.020	0.0000300	0.000000207	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	<0.0066	0.0066	0.010	0.0000300	0.000000198	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0070	0.0070	0.010	0.0300	0.000210	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.0177	0.0085	0.020	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0180	0.0097	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0066	0.0066	0.010	0.0000300	0.000000198	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000705	N/A	N/A

EDL = Estimated Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	122	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	133	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6093649

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA079						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0094	0.0094	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	<0.0087	0.0087	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0098	0.0098	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0084	0.0084	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	<0.0069	0.0069	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0089	0.0049	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0065	0.0065	0.010	0.000100	0.000000650	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0064	0.0064	0.010	0.000300	0.00000192	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.025	0.010	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	<0.0080	0.0080	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0090	0.0090	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.0187	0.0087	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.010	0.010	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.0078	0.0052	0.010	0.0000300	0.000000234	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0135	0.0086	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	<0.0051	0.0051	0.010	0.0000300	0.000000153	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.0256	0.0051	0.010	0.0000300	0.000000768	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.0055	0.0055	0.010	0.0000300	0.000000165	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0048	0.0048	0.010	0.100	0.000480	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	<0.0098	0.0098	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.051	0.011	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.0697	0.0087	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	<0.0090	0.0090	0.020	0.0000300	0.000000270	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	<0.0087	0.0087	0.010	0.0000300	0.000000261	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0091	0.0091	0.010	0.0300	0.000273	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.0134	0.0057	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	0.0134	0.0093	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0083	0.0083	0.010	0.0000300	0.000000249	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000758	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	134	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	133	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	120	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA080						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	74	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.0087	0.0087	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6093649
24'6-TriCB-(32)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	<0.0061	0.0061	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.0075	0.0066	0.010	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0136	0.0034	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.0051	0.0033	0.010	N/A	N/A	N/A	6093649
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0046	0.0046	0.010	0.000100	0.000000460	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.010	0.000300	0.00000135	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.0392	0.0080	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	<0.0061	0.0061	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0068	0.0068	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.0206	0.0067	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0079	0.0079	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.0134	0.0048	0.010	0.0000300	0.000000402	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
PentaCB-(108)+(124)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.0140	0.0066	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	<0.0046	0.0046	0.010	0.0000300	0.000000138	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.0481	0.0046	0.010	0.0000300	0.00000144	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.0050	0.0050	0.010	0.0000300	0.000000150	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0044	0.0044	0.010	0.100	0.000440	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.0790	0.0052	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.0121	0.0060	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6093649
HexaCB-(147)+(149)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.112	0.0041	0.010	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	<0.0086	0.0086	0.020	0.0000300	0.000000258	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	<0.0083	0.0083	0.010	0.0000300	0.000000249	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0087	0.0087	0.010	0.0300	0.000261	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.022	0.011	0.020	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0081	0.0081	0.010	0.0000300	0.000000243	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000706	N/A	N/A

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	76	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	126	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	129	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	78	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	81	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6093649

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA081						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0051	0.0051	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0056	0.0047	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.0070	0.0052	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	<0.0037	0.0037	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0119	0.0034	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.0044	0.0032	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0045	0.0045	0.0099	0.000100	0.000000450	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0044	0.0044	0.0099	0.000300	0.00000132	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.024	0.010	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	<0.0079	0.0079	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0089	0.0089	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	0.0189	0.0086	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.010	0.010	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	<0.0071 (1)	0.0071	0.0099	0.0000300	0.000000213	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6093649

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.0123	0.0085	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	<0.0054	0.0054	0.0099	0.0000300	0.000000162	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.0289	0.0054	0.0099	0.0000300	0.000000867	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.0059	0.0059	0.0099	0.0000300	0.000000177	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0052	0.0052	0.0099	0.100	0.000520	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.050	0.018	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.063	0.014	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	<0.0076	0.0076	0.020	0.0000300	0.000000228	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	<0.0073	0.0073	0.0099	0.0000300	0.000000219	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0077	0.0077	0.0099	0.0300	0.000231	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.010	0.010	0.0099	0.0000300	0.000000300	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000755	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	139	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	107	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	79	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	87	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA082						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6093649
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6093649
22'-DiCB-(4)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6093649
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
2,6-DiCB-(10)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
3,3'-DiCB-(11)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6093649
3,5-DiCB-(14)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
4,4'-DiCB-(15)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6093649
22'3-TriCB-(16)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6093649
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6093649
22'6-TriCB-(19)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6093649
TriCB-(20) + (28)	ng/g	0.0046	0.0029	0.020	N/A	N/A	N/A	6093649
TriCB-(21)+(33)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6093649
234'-TriCB-(22)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
235-TriCB-(23)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
236-TriCB-(24)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6093649
23'4-TriCB-(25)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
TriCB-(26)+(29)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6093649
23'6-TriCB-(27)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
24'5-TriCB-(31)	ng/g	0.0041	0.0029	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6093649
23'5'-TriCB-(34)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6093649
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6093649
33'5-TriCB-(36)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6093649
344'-TriCB-(37)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6093649
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6093649
34'5-TriCB-(39)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6093649
TetraCB-(40)+(41)+(71)	ng/g	<0.0091	0.0091	0.030	N/A	N/A	N/A	6093649
22'34'-TetraCB-(42)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'35-TetraCB-(43)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
TetraCB-(44)+(47)+(65)	ng/g	0.0090	0.0085	0.030	N/A	N/A	N/A	6093649
TetraCB-(45)+(51)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6093649
22'36'-TetraCB-(46)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'45-TetraCB-(48)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6093649
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6093649
TetraCB-(50)+(53)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6093649
22'55'-TetraCB-(52)	ng/g	0.0188	0.0093	0.0099	N/A	N/A	N/A	6093649
22'66'-TetraCB-(54)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6093649
233'4-TetraCB-(55)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
233'4'-Tetra CB(56)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6093649
233'5-TetraCB-(57)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6093649
233'5'-TetraCB-(58)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6093649
TetraCB-(59)+(62)+(75)	ng/g	<0.0067	0.0067	0.030	N/A	N/A	N/A	6093649
2344'-TetraCB -(60)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6093649
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0250	0.0056	0.040	N/A	N/A	N/A	6093649
234'5-TetraCB-(63)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6093649
234'6-TetraCB-(64)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6093649
23'44'-TetraCB-(66)	ng/g	0.0126	0.0053	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6093649
23'45'-TetraCB-(68)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6093649
23'55'-TetraCB-(72)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6093649
23'5'6-TetraCB-(73)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
33'44'-TetraCB-(77)	ng/g	<0.0074	0.0074	0.0099	0.000100	0.000000740	N/A	6093649
33'45-TetraCB-(78)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6093649
33'45'-TetraCB(79)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6093649
33'55'-TetraCB-(80)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6093649
344'5-TetraCB-(81)	ng/g	<0.0072	0.0072	0.0099	0.000300	0.00000216	N/A	6093649
22'33'4-PentaCB-(82)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
PentaCB-(83)+(99)	ng/g	0.0493	0.0089	0.020	N/A	N/A	N/A	6093649
22'33'6-PentaCB-(84)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
PentaCB-(85)+(116)+(117)	ng/g	<0.0068	0.0068	0.030	N/A	N/A	N/A	6093649
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0127	0.0076	0.060	N/A	N/A	N/A	6093649
PentaCB-(88)+(91)	ng/g	<0.0088	0.0088	0.020	N/A	N/A	N/A	6093649
22'346'-PentaCB-(89)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6093649
PentaCB-(90)+(101)+(113)	ng/g	<0.042 (1)	0.042	0.030	N/A	N/A	N/A	6093649
22'355'-PentaCB-(92)	ng/g	0.0114	0.0089	0.0099	N/A	N/A	N/A	6093649
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0089	0.0089	0.040	N/A	N/A	N/A	6093649
22'356'-PentaCB-(94)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6093649
22'35'6-PentaCB-(95)	ng/g	0.0121	0.0086	0.0099	N/A	N/A	N/A	6093649
22'366'-PentaCB-(96)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6093649
22'45'6-PentaCB-(103)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6093649
22'466'-PentaCB-(104)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6093649
233'44'-PentaCB-(105)	ng/g	0.0168	0.0070	0.0099	0.0000300	0.000000504	N/A	6093649
233'45-PentaCB-(106)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6093649
233'4'5-PentaCB-(107)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6093649

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6093649
PentaCB-(110)+(115)	ng/g	0.0265	0.0074	0.020	N/A	N/A	N/A	6093649
233'55'-PentaCB-(111)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6093649
233'56-PentaCB-(112)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
2344'5-PentaCB-(114)	ng/g	<0.0068	0.0068	0.0099	0.0000300	0.000000204	N/A	6093649
23'44'5-PentaCB-(118)	ng/g	0.0594	0.0068	0.0099	0.0000300	0.00000178	N/A	6093649
23'455'-PentaCB-(120)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
23'45'6-PentaCB-(121)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6093649
233'4'5'-PentaCB-(122)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6093649
23'44'5'-PentaCB-(123)	ng/g	<0.0074	0.0074	0.0099	0.0000300	0.000000222	N/A	6093649
33'44'5-PentaCB-(126)	ng/g	<0.0065	0.0065	0.0099	0.100	0.000650	N/A	6093649
33'455'-PentaCB-(127)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6093649
HexaCB-(128)+(166)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6093649
HexaCB-(129)+(138)+(163)	ng/g	0.117	0.015	0.030	N/A	N/A	N/A	6093649
22'33'45'-HexaCB-(130)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649
22'33'46-HexaCB-(131)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6093649
22'33'46'-HexaCB-(132)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649
22'33'55'-HexaCB-(133)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
HexaCB-(134)+(143)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6093649
HexaCB-(135)+(151)	ng/g	0.019	0.012	0.020	N/A	N/A	N/A	6093649
22'33'66'-HexaCB-(136)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6093649
22'344'5-HexaCB-(137)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
HexaCB-(139)+(140)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6093649
22'3455'-HexaCB-(141)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'3456-HexaCB-(142)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6093649
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'3466'-HexaCB-(145)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6093649
22'34'55'-HexaCB-(146)	ng/g	0.022	0.014	0.0099	N/A	N/A	N/A	6093649

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.015	0.014	0.020	N/A	N/A	N/A	6093649
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'34'66'-HexaCB-(150)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6093649
22'3566'-HexaCB-(152)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6093649
HexaCB-(153)+(168)	ng/g	0.138	0.012	0.0099	N/A	N/A	N/A	6093649
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
22'44'66'-HexaCB-(155)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6093649
HexaCB-(156)+(157)	ng/g	<0.0096	0.0096	0.020	0.0000300	0.000000288	N/A	6093649
233'44'6-HexaCB-(158)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'455'-HexaCB-(159)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6093649
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'4'55'-HexaCB-(162)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6093649
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
23'44'55'-HexaCB-(167)	ng/g	<0.0093	0.0093	0.0099	0.0000300	0.000000279	N/A	6093649
33'44'55'-HexaCB-(169)	ng/g	<0.0097	0.0097	0.0099	0.0300	0.000291	N/A	6093649
22'33'44'5-HeptaCB-(170)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(171)+(173)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6093649
22'33'455'-HeptaCB-(172)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'456'-HeptaCB-(174)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'45'6-HeptaCB-(175)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'466'-HeptaCB-(176)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'33'45'6'-HeptaCB-(177)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'55'6-HeptaCB-(178)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'566'-HeptaCB-(179)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
HeptaCB-(180)+(193)	ng/g	0.024	0.012	0.020	N/A	N/A	N/A	6093649
22'344'56-HeptaCB-(181)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6093649
22'344'5'6-HeptaCB-(183)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6093649
22'344'66'-HeptaCB-(184)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6093649
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'34566'-HeptaCB-(186)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
22'34'55'6-HeptaCB-(187)	ng/g	<0.026 (1)	0.026	0.0099	N/A	N/A	N/A	6093649
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6093649
233'44'55'-HeptaCB-(189)	ng/g	<0.0087	0.0087	0.0099	0.0000300	0.000000261	N/A	6093649
233'44'56-HeptaCB-(190)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
233'44'5'6-HeptaCB-(191)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'-OctaCB-(194)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'44'56-OctaCB-(195)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'44'56'-OctaCB-(196)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6093649
22'33'44'66'OctaCB-(197)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
OctaCB-(198)+(199)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	6093649
22'33'4566'-OctaCB-(200)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'45'66'-OctaCB-(201)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
22'33'55'66'-OctaCB-(202)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'344'55'6-OctaCB-(203)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6093649
22'344'566'-OctaCB-(204)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6093649
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'44'55'6-NonaCB-(206)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6093649
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6093649
22'33'455'66'-NonaCB-(208)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6093649
DecaCB-(209)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6093649
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000947	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'455'66'-NonaCB-(208)	%	134	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'66'-OctaCB-(202)	%	173 (1)	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'44'66'-HexaCB-(155)	%	114	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'66'-TetraCB-(54)	%	113	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-22'-DiCB-(4)	%	84	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6093649
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6093649
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6093649
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6093649
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6093649
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6093649

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA083						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6093649
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6093649
C13-4-MonoCB-(3)	%	78	N/A	N/A	N/A	N/A	N/A	6093649
C13-DecaCB-(209)	%	98	N/A	N/A	N/A	N/A	N/A	6093649
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6093649

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.036	0.036	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0083	0.0083	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0079	0.0079	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0088	0.0088	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0078	0.0078	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0087	0.0087	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0060	0.0060	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0124	0.0055	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0072	0.0072	0.0099	0.000100	0.000000720	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0070	0.0070	0.0099	0.000300	0.00000210	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.041	0.016	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	<0.012	0.012	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.013	0.013	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.028	0.013	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.016	0.016	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	<0.014 (1)	0.014	0.0099	0.0000300	0.000000420	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.015	0.013	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0077	0.0077	0.0099	0.0000300	0.000000231	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0449	0.0077	0.0099	0.0000300	0.00000135	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0083	0.0083	0.0099	0.0000300	0.000000249	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0073	0.0073	0.0099	0.100	0.000730	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.105	0.017	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.157	0.014	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.017	0.017	0.020	0.0000300	0.000000510	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.016	0.016	0.0099	0.0000300	0.000000480	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.017	0.017	0.0099	0.0300	0.000510	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0240	0.0074	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6113655

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RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0080	0.0080	0.0099	0.0000300	0.000000240	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00125	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	70	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	219 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	350 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	244 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	123	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	43	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	33	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6113655

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N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	61	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0062	0.0062	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.0086 (1)	0.0086	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0047	0.0047	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0138	0.0023	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0074	0.0023	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0030	0.0030	0.0099	0.000100	0.000000300	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.0099	0.000300	0.000000900	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.041	0.010	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	<0.0080	0.0080	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0084	0.0084	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0255	0.0087	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.010	0.010	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0146	0.0060	0.0099	0.0000300	0.000000438	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	<0.016 (1)	0.016	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0058	0.0058	0.0099	0.0000300	0.000000174	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0542	0.0058	0.0099	0.0000300	0.00000163	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0063	0.0063	0.0099	0.0000300	0.000000189	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0056	0.0056	0.0099	0.100	0.000560	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.106	0.017	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0143	0.0089	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.163	0.014	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.0094	0.0094	0.020	0.0000300	0.000000282	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0090	0.0090	0.0099	0.0000300	0.000000270	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0095	0.0095	0.0099	0.0300	0.000285	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.025	0.014	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0241	0.0064	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0071	0.0071	0.0099	0.0000300	0.000000213	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000849	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	237 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	196 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	392 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	278 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	132	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	139	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	122	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	24	N/A	N/A	N/A	N/A	N/A	6113655

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA084						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	28	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0103	0.0028	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	0.0073	0.0027	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0084	0.0084	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0197	0.0080	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0089	0.0089	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0151	0.0078	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0088	0.0088	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0439	0.0078	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0061	0.0061	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0838	0.0065	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0091	0.0069	0.010	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0385	0.0064	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0085	0.0085	0.010	0.000100	0.000000850	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0083	0.0083	0.010	0.000300	0.00000249	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.206	0.0098	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0246	0.0075	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0354	0.0079	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0098	0.0098	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.122	0.0082	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0322	0.0096	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0097	0.0097	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0346	0.0096	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0660	0.0076	0.010	0.0000300	0.00000198	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0159	0.0061	0.010	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0752	0.0077	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0073	0.0073	0.010	0.0000300	0.000000219	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.234	0.0074	0.010	0.0000300	0.00000702	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0080	0.0080	0.010	0.0000300	0.000000240	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0070	0.0070	0.010	0.100	0.000700	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.023	0.014	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.415	0.016	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.019	0.019	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.060	0.013	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.059	0.015	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.039	0.015	0.020	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.638	0.013	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0256	0.0087	0.020	0.0000300	0.000000768	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.022	0.011	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.014 (1)	0.014	0.010	0.0000300	0.000000420	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0087	0.0087	0.010	0.0300	0.000261	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.031	0.015	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.019	0.019	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.026	0.012	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.090	0.014	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.038	0.018	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.088	0.010	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0098	0.0098	0.010	0.0000300	0.000000294	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.027	0.027	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000975	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	206 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	327 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	110	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	237 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	34	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	25	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA085						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	79	N/A	N/A	N/A	N/A	N/A	6113655

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655

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RDL = Reportable Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.010	0.010	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0099	0.0099	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0075	0.0075	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0151	0.0025	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0063	0.0024	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0032	0.0032	0.010	0.000100	0.000000320	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.010	0.000300	0.000000930	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.053	0.013	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	<0.010	0.010	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.011	0.011	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.036	0.011	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.013	0.013	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0147	0.0063	0.010	0.0000300	0.000000441	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.018	0.010	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0061	0.0061	0.010	0.0000300	0.000000183	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0496	0.0062	0.010	0.0000300	0.00000149	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0067	0.0067	0.010	0.0000300	0.000000201	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0059	0.0059	0.010	0.100	0.000590	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.123	0.022	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.026	0.026	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0192	0.0046	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.196	0.018	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.015	0.015	0.020	0.0000300	0.000000450	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.014	0.014	0.010	0.0000300	0.000000420	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.015	0.015	0.010	0.0300	0.000450	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.028	0.013	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.028 (1)	0.028	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0086	0.0086	0.010	0.0000300	0.000000258	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00104	N/A	N/A

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	74	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	238 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	379 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	263 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	112	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	124	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	72	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	127	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	62	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6113655

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RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA086						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	56	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0034	0.0031	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	0.0038	0.0029	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0060	0.0060	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0062 (1)	0.0062	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0044	0.0044	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0228	0.0024	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0112	0.0024	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0031	0.0031	0.0099	0.000100	0.000000310	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.0099	0.000300	0.000000930	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0497	0.0041	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	<0.0073 (1)	0.0073	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0096	0.0033	0.059	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0341	0.0034	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0088	0.0040	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0040	0.0040	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.012 (1)	0.012	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0162	0.0041	0.0099	0.0000300	0.000000486	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0242	0.0032	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0040	0.0040	0.0099	0.0000300	0.000000120	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0498	0.0040	0.0099	0.0000300	0.00000149	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0043	0.0043	0.0099	0.0000300	0.000000129	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0038	0.0038	0.0099	0.100	0.000380	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.106	0.011	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0214	0.0076	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.016	0.011	0.0099	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.013	0.011	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.149	0.0093	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.0076	0.0076	0.020	0.0000300	0.000000228	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0073	0.0073	0.0099	0.0000300	0.000000219	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0077	0.0077	0.0099	0.0300	0.000231	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.021	0.011	0.020	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.020 (1)	0.020	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0053	0.0053	0.0099	0.0000300	0.000000159	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000615	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	185 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	321 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	205 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	114	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	123	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	62	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	47	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	31	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	132	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	72	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	20	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	62	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	78	N/A	N/A	N/A	N/A	N/A	6113655

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA087						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	56	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	26	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	48	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0077	0.0077	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0073	0.0073	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0072	0.0072	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0056	0.0056	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0124	0.0041	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0051	0.0040	0.0099	N/A	N/A	N/A	6113655

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0054	0.0054	0.0099	0.000100	0.000000540	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.0099	0.000300	0.00000156	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0348	0.0084	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0068	0.0068	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0084	0.0084	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0226	0.0070	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0083	0.0083	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0084	0.0062	0.0099	0.0000300	0.000000252	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0126	0.0066	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0060	0.0060	0.0099	0.0000300	0.000000180	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0345	0.0060	0.0099	0.0000300	0.00000104	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0065	0.0065	0.0099	0.0000300	0.000000195	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0058	0.0058	0.0099	0.100	0.000580	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.083	0.012	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.013	0.011	0.0099	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.125	0.0096	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.0096	0.0096	0.020	0.0000300	0.000000288	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0092	0.0092	0.0099	0.0000300	0.000000276	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0097	0.0097	0.0099	0.0300	0.000291	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.0096	0.0096	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0225	0.0074	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0056	0.0056	0.0099	0.0000300	0.000000168	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000875	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	165 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	339 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	239 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	116	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	36	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	140	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	26	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	76	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	58	N/A	N/A	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA088						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	28	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	67	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0091	0.0091	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0046	0.0031	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	0.0031	0.0029	0.010	N/A	N/A	N/A	6113655

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0073	0.0073	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0099	0.0069	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0069 (1)	0.0069	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0191	0.0067	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0053	0.0053	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0275	0.0036	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0117	0.0035	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0047	0.0047	0.010	0.000100	0.000000470	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0046	0.0046	0.010	0.000300	0.00000138	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0739	0.0068	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0134	0.0052	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0137	0.0055	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0536	0.0056	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0123	0.0067	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0067	0.0067	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0189	0.0054	0.010	0.0000300	0.000000567	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0270	0.0054	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0597	0.0053	0.010	0.0000300	0.00000179	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0057	0.0057	0.010	0.0000300	0.000000171	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0050	0.0050	0.010	0.100	0.000500	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.152	0.020	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.024	0.024	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0220	0.0055	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.031	0.019	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.026	0.019	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.202	0.016	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.0062	0.0062	0.020	0.0000300	0.000000186	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0060	0.0060	0.010	0.0000300	0.000000180	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0063	0.0063	0.010	0.0300	0.000189	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.025	0.012	0.020	N/A	N/A	N/A	6113655

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.029 (1)	0.029	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0084	0.0084	0.010	0.0000300	0.000000252	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.048	0.048	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000694	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	199 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	320 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	243 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	111	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	128	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6113655

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA089						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	75	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.019	0.019	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.010	0.010	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0097	0.0097	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0074	0.0074	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0134	0.0037	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0075	0.0036	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0048	0.0048	0.0099	0.000100	0.000000480	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0047	0.0047	0.0099	0.000300	0.00000141	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0364	0.0071	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0062	0.0054	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0057	0.0057	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0227	0.0059	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0070	0.0070	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0116	0.0048	0.0099	0.0000300	0.000000348	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0149	0.0056	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0046	0.0046	0.0099	0.0000300	0.000000138	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0408	0.0047	0.0099	0.0000300	0.00000122	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0050	0.0050	0.0099	0.0000300	0.000000150	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0044	0.0044	0.0099	0.100	0.000440	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.085	0.012	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.124	0.010	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	<0.0080	0.0080	0.020	0.0000300	0.000000240	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0077	0.0077	0.0099	0.0000300	0.000000231	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0081	0.0081	0.0099	0.0300	0.000243	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0214	0.0093	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655

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RDL = Reportable Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0048	0.0048	0.0099	0.0000300	0.000000144	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000687	N/A	N/A

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	76	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	309 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	216 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	117	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	65	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	139	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA090						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	57	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	34	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	76	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	<0.0047 (1)	0.0047	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0059	0.0059	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0120	0.0056	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0115	0.0055	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0254	0.0055	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0043	0.0043	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0066	0.0047	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0498	0.0046	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0071	0.0048	0.010	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0227	0.0045	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0059	0.0059	0.010	0.000100	0.000000590	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0058	0.0058	0.010	0.000300	0.00000174	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.125	0.0078	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0212	0.0060	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0277	0.0063	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0078	0.0078	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0951	0.0065	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0235	0.0077	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0077	0.0077	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.019 (1)	0.019	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0431	0.0053	0.010	0.0000300	0.00000129	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0103	0.0043	0.010	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0626	0.0061	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.138	0.0052	0.010	0.0000300	0.00000414	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0056	0.0056	0.010	0.0000300	0.000000168	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0049	0.0049	0.010	0.100	0.000490	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0219	0.0091	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.282	0.0099	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.045	0.011	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0161	0.0098	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0487	0.0097	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.0385	0.0095	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.401	0.0081	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0136	0.0062	0.020	0.0000300	0.000000408	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0135	0.0073	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0086	0.0060	0.010	0.0000300	0.000000258	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0063	0.0063	0.010	0.0300	0.000189	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.019	0.013	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.063	0.013	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.028	0.016	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.070	0.011	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0097	0.0097	0.010	0.0000300	0.000000291	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.049	0.049	0.010	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000688	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	192 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	267 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	213 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	46	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	33	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	134	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	21	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	54	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA091						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	59	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	25	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	67	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0036	0.0011	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0023	0.0011	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0105	0.0026	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0081	0.0025	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0211	0.0029	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0017	0.0015	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0048	0.0014	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0369	0.0014	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0051	0.0022	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0166	0.0015	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.0099	0.000100	0.000000210	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.127	0.0030	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0224	0.0023	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0270	0.0025	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0922	0.0026	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0201	0.0030	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0156	0.0030	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0436	0.0015	0.0099	0.0000300	0.00000131	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0122	0.0010	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0030	0.0011	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0572	0.0025	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0031	0.0014	0.0099	0.0000300	0.0000000930	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.132	0.0015	0.0099	0.0000300	0.00000396	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0021	0.0016	0.0099	0.0000300	0.0000000630	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0423	0.0024	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.364	0.0026	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0068	0.0032	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0104	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0095	0.0029	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0484	0.0057	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0136	0.0030	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0058	0.0026	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0173	0.0027	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0674	0.0025	0.0099	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0353	0.0026	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.541	0.0022	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0055	0.0049	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0163	0.0027	0.020	0.0000300	0.000000489	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0175	0.0019	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0056	0.0019	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0081	0.0026	0.0099	0.0000300	0.000000243	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.0099	0.0300	0.0000810	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0246	0.0027	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0111	0.0032	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0084	0.0034	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0090	0.0030	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0199	0.0040	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0097	0.0029	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0785	0.0025	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0170	0.0028	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0212	0.0031	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0774	0.0036	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0054	0.0026	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	0.0068	0.0043	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0161	0.0059	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0054 (1)	0.0054	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	0.0096	0.0054	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000228	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	74	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	212 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	246 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	236 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	55	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	40	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	109	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	109	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	110	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	109	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6113655

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA092						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	45	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00095	0.00095	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.00386	0.00073	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00079	0.00079	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.00074	0.00074	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00335	0.00072	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0017	0.0017	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0110	0.0016	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0082	0.0016	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0203	0.0018	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0015	0.0013	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0013	0.0013	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0050	0.0012	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0381	0.0012	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0051	0.0014	0.010	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0198	0.0012	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0017	0.0017	0.010	0.000100	0.000000170	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.010	0.000300	0.000000510	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.102	0.0027	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0187	0.0021	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0231	0.0023	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0790	0.0023	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0200	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0027	0.0027	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0169	0.0026	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0408	0.0010	0.010	0.0000300	0.00000122	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.00971	0.00072	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.00267	0.00077	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0482	0.0023	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.00291	0.00099	0.010	0.0000300	0.0000000873	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.118	0.0010	0.010	0.0000300	0.00000354	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0018	0.0011	0.010	0.0000300	0.0000000540	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.00095	0.00095	0.010	0.100	0.0000950	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0266	0.0021	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.258	0.0023	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0039	0.0027	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0083	0.0027	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0083	0.0025	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0377	0.0033	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0046	0.0025	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0103	0.0026	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0037	0.0022	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0157	0.0023	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0033	0.0032	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0479	0.0022	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0303	0.0022	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.376	0.0019	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0056	0.0028	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0131	0.0018	0.020	0.0000300	0.000000393	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0122	0.0017	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0042	0.0017	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0062	0.0017	0.010	0.0000300	0.000000186	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0155	0.0031	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0069	0.0038	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0042	0.0039	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0060	0.0035	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0152	0.0035	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0070	0.0024	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0475	0.0029	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0130	0.0033	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0089	0.0036	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0562	0.0031	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0036	0.0036	0.010	0.0000300	0.000000108	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041 (1)	0.0041	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000155	N/A	N/A

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	208 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	261 (2)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	240 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	57	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	105	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	103	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	107	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6113655

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N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA093						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	101	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	57	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00097	0.00097	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0197	0.0010	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.0028	0.0011	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	0.0025	0.0010	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0161	0.0010	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	0.0042	0.0031	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	0.0088	0.0036	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0600	0.0029	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0438	0.0028	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.134	0.0032	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0101	0.0014	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0044	0.0023	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0262	0.0014	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.193	0.0013	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0058	0.0013	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0259	0.0025	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.120	0.0014	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0028	0.0013	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	0.0024	0.0013	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0110	0.0020	0.0099	0.000100	0.00000110	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0099	0.000300	0.000000570	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.307	0.0031	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0199	0.0036	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0488	0.0024	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.110	0.0026	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0142	0.0032	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.331	0.0027	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0765	0.0032	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0891	0.0031	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.158	0.0017	0.0099	0.0000300	0.00000474	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0316	0.0012	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0108	0.0013	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.289	0.0027	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0102	0.0017	0.0099	0.0000300	0.000000306	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.479	0.0017	0.0099	0.0000300	0.0000144	N/A	6113655
23'455'-PentaCB-(120)	ng/g	0.0023	0.0022	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0071	0.0018	0.0099	0.0000300	0.000000213	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0674	0.0042	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.750	0.0045	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0212	0.0055	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0495	0.0054	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0170	0.0051	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0162	0.0055	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.121	0.0049	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0136	0.0037	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0362	0.0053	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0081	0.0045	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0537	0.0046	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0098	0.0048	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.115	0.0044	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.170	0.0045	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.882	0.0037	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0093	0.0042	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0520	0.0031	0.020	0.0000300	0.00000156	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0453	0.0033	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0156	0.0034	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0234	0.0030	0.0099	0.0000300	0.000000702	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0099	0.0300	0.0000930	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0378	0.0052	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0213	0.0063	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0074	0.0065	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0204	0.0059	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0141	0.0064	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0292	0.0044	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0192	0.0031	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.118	0.0049	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0242	0.0055	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0262	0.0060	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.120	0.0038	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0046	0.0046	0.0099	0.0000300	0.000000138	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0063	0.0050	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0072 (1)	0.0072	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0200	0.0093	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0064 (1)	0.0064	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000277	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	76	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	218 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	289 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	249 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	108	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	57	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6113655

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA094						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	53	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00093	0.00093	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0227	0.00082	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	0.00145	0.00089	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.00435	0.00088	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	0.00132	0.00087	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	0.00244	0.00084	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0184	0.00082	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	0.0018	0.0015	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	0.0064	0.0026	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	0.0048	0.0031	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0582	0.0024	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0398	0.0024	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.126	0.0027	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0139	0.0012	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0049	0.0019	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0281	0.0011	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.187	0.0011	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0046	0.0011	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0276	0.0021	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.118	0.0011	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0019	0.0011	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	0.0016	0.0011	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0078	0.0016	0.010	0.000100	0.000000780	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	0.0046	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.281	0.0023	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0123	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0602	0.0018	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0789	0.0020	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0094	0.0024	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.251	0.0020	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0561	0.0024	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0740	0.0023	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.143	0.0011	0.010	0.0000300	0.00000429	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0257	0.00076	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.00862	0.00081	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.213	0.0020	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0096	0.0011	0.010	0.0000300	0.000000288	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.424	0.0011	0.010	0.0000300	0.0000127	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0075	0.0011	0.010	0.0000300	0.000000225	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.010	0.100	0.000100	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0811	0.0028	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.676	0.0030	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0117	0.0037	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0267	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0151	0.0034	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0078	0.0037	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0959	0.0031	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0098	0.0023	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0395	0.0035	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0077	0.0030	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0399	0.0031	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0098	0.0031	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0939	0.0029	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0754	0.0030	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.853	0.0025	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0078	0.0027	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0481	0.0018	0.020	0.0000300	0.00000144	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0442	0.0022	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0122	0.0023	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0227	0.0017	0.010	0.0000300	0.000000681	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0436	0.0032	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0205	0.0038	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0093	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0147	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0081	0.0039	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0324	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0182	0.0021	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.134	0.0030	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0312	0.0034	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0272	0.0037	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.117	0.0026	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0045	0.0045	0.010	0.0000300	0.000000135	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0086	0.0031	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	0.0116	0.0056	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0067 (1)	0.0067	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0226	0.0046	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0082 (1)	0.0082	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	0.0126	0.0042	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000175	N/A	N/A

EDL = Estimated Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	202 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	252 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	222 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	64	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA095						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	44	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	58	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00073	0.00073	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0119	0.00075	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.00202	0.00080	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0013 (1)	0.0013	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00918	0.00074	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0330	0.0021	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0230	0.0020	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0774	0.0024	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0050	0.0014	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0036	0.0017	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0152	0.0014	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.122	0.0013	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0027	0.0013	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0155	0.0018	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0661	0.0014	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0026	0.0013	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	0.0018	0.0013	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0026	0.0020	0.010	0.000100	0.000000260	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.010	0.000300	0.000000570	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.215	0.0023	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0056	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0385	0.0018	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0535	0.0019	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0044	0.0023	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.195	0.0020	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0496	0.0024	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0542	0.0023	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0980	0.0012	0.010	0.0000300	0.00000294	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0191	0.00085	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.00683	0.00091	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.153	0.0020	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0078	0.0012	0.010	0.0000300	0.000000234	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.287	0.0012	0.010	0.0000300	0.00000861	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0040	0.0013	0.010	0.0000300	0.000000120	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.010	0.100	0.000110	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0531	0.0028	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.522	0.0030	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0097	0.0037	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0202	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0121	0.0034	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0080	0.0037	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0992	0.0045	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0099	0.0034	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0265	0.0035	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0060	0.0030	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0366	0.0031	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0077	0.0044	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0751	0.0029	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0650	0.0030	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.695	0.0025	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0091	0.0038	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0333	0.0047	0.020	0.0000300	0.000000999	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0308	0.0022	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0111	0.0022	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0145	0.0045	0.010	0.0000300	0.000000435	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0048	0.0048	0.010	0.0300	0.000144	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0384	0.0030	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0155	0.0036	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0070	0.0037	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0130	0.0034	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0262	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0170	0.0028	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.102	0.0028	0.020	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0248	0.0031	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0215	0.0034	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0983	0.0035	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0044	0.0044	0.010	0.0000300	0.000000132	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0072	0.0029	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	0.0094	0.0060	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0179	0.0061	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	0.0077	0.0040	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	0.0102	0.0056	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000268	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	206 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	296 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	245 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	106	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	107	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	52	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	40	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	101	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6113655

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA096						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	58	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0323	0.0011	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.0048	0.0011	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	0.0044	0.0011	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0291	0.0010	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	0.0036	0.0026	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0629	0.0021	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0650	0.0020	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.225	0.0023	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0157	0.0017	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0056	0.0016	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0341	0.0016	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.296	0.0016	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0100	0.0015	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0380	0.0018	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.200	0.0016	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0051	0.0016	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	0.0035	0.0015	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0090	0.0023	0.010	0.000100	0.000000900	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	0.0027	0.0014	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	0.0074	0.0027	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.313	0.0024	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0210	0.0028	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0588	0.0018	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.143	0.0020	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0155	0.0024	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.507	0.0020	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.107	0.0024	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.142	0.0024	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.221	0.0017	0.010	0.0000300	0.00000663	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0472	0.0012	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0173	0.0013	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.461	0.0020	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0128	0.0016	0.010	0.0000300	0.000000384	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.639	0.0016	0.010	0.0000300	0.0000192	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0138	0.0018	0.010	0.0000300	0.000000414	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.010	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0632	0.0034	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.952	0.0037	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0375	0.0045	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0729	0.0044	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0187	0.0041	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0217	0.0045	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.183	0.0043	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0166	0.0032	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0404	0.0043	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0068	0.0036	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0580	0.0038	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0146	0.0043	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.154	0.0035	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.261	0.0036	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	1.01	0.0030	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0086	0.0037	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0660	0.0030	0.020	0.0000300	0.00000198	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0544	0.0027	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0236	0.0027	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0256	0.0029	0.010	0.0000300	0.000000768	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.010	0.0300	0.0000930	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0507	0.0042	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0238	0.0051	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0091	0.0053	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0269	0.0048	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0238	0.0052	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0341	0.0043	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0363	0.0030	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.131	0.0039	0.020	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0298	0.0044	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0204	0.0049	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.179	0.0038	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0051	0.0051	0.010	0.0000300	0.000000153	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0112	0.0041	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	0.0109	0.0059	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0179	0.0056	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	0.0057	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	0.0078	0.0036	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	0.0110	0.0051	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000284	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	188 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	286 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	226 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	114	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	62	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	37	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	75	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA097						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	101	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00078	0.00078	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.00917	0.00079	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.00176	0.00085	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00684	0.00078	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0241	0.0022	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0169	0.0022	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0599	0.0025	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0051	0.0017	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0022	0.0018	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0130	0.0016	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.105	0.0016	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0040	0.0015	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0115	0.0019	0.0099	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0654	0.0016	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0019	0.0015	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0036	0.0023	0.0099	0.000100	0.000000360	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.214	0.0025	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0042	0.0029	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0371	0.0020	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0581	0.0021	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0052	0.0026	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.220	0.0022	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0501	0.0026	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0411	0.0025	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.131	0.0016	0.0099	0.0000300	0.00000393	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0245	0.0012	0.0099	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0086	0.0012	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.190	0.0022	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0090	0.0016	0.0099	0.0000300	0.000000270	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.373	0.0016	0.0099	0.0000300	0.0000112	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0077	0.0017	0.0099	0.0000300	0.000000231	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0099	0.100	0.000150	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0708	0.0036	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.719	0.0038	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0182	0.0047	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0274	0.0046	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0166	0.0043	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0114	0.0047	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0973	0.0056	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0070	0.0042	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0356	0.0045	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0098	0.0038	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0471	0.0039	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0096	0.0055	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.113	0.0037	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.103	0.0038	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.891	0.0032	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0081	0.0047	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0509	0.0029	0.020	0.0000300	0.00000153	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0463	0.0028	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0119	0.0029	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0248	0.0028	0.0099	0.0000300	0.000000744	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.0099	0.0300	0.0000900	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0413	0.0048	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0194	0.0058	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0085	0.0060	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0143	0.0054	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0096	0.0059	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0299	0.0051	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0158	0.0036	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.135	0.0045	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0286	0.0050	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0247	0.0056	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.132	0.0045	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0050	0.0050	0.0099	0.0000300	0.000000150	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0079	0.0047	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	0.0093	0.0078	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0159	0.0077	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0069 (1)	0.0069	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	0.0117	0.0070	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000259	N/A	N/A

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	210 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	284 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	222 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	77	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	52	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	44	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	28 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	35	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6113655

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N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA098						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	58	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	30	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0109	0.00059	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00064	0.00064	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0011 (1)	0.0011	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.00060	0.00060	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00768	0.00059	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0023	0.0023	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0197	0.0021	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0146	0.0021	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0522	0.0024	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0036	0.0012	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0017	0.0017	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0113	0.0011	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0869	0.0011	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0029	0.0011	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0098	0.0018	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0600	0.0012	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0040	0.0016	0.0099	0.000100	0.000000400	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0099	0.000300	0.000000480	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.125	0.0027	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0193	0.0021	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0411	0.0023	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0039	0.0028	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.129	0.0023	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0313	0.0028	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0322	0.0027	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0724	0.0017	0.0099	0.0000300	0.00000217	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0148	0.0012	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0051	0.0013	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.123	0.0023	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0043	0.0016	0.0099	0.0000300	0.000000129	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.206	0.0016	0.0099	0.0000300	0.00000618	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0041	0.0018	0.0099	0.0000300	0.000000123	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0254	0.0025	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.320	0.0027	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0092	0.0032	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0174	0.0032	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.0048 (1)	0.0048	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0082	0.0032	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0555	0.0055	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0057	0.0041	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0136	0.0031	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0211	0.0027	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0520	0.0026	0.0099	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.0694	0.0026	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.358	0.0022	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0214	0.0016	0.020	0.0000300	0.000000642	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0197	0.0020	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0074	0.0020	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0102	0.0015	0.0099	0.0000300	0.000000306	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0099	0.0300	0.0000480	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0161	0.0031	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0089	0.0037	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0087	0.0035	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0056	0.0038	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0119	0.0047	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0117	0.0033	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0462	0.0029	0.020	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0108	0.0033	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0096	0.0036	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0566	0.0041	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0043	0.0043	0.0099	0.0000300	0.000000129	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.040	0.040	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000219	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	235 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	322 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	263 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	102	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	51	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	25	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	33	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA099						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	57	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	29	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	65	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0319	0.00067	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00072	0.00072	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	0.00464	0.00071	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	0.00309	0.00068	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0261	0.00066	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	0.0022	0.0012	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0023	0.0023	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	0.0051	0.0028	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0636	0.0022	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0468	0.0021	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.166	0.0025	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0114	0.0014	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	0.0055	0.0018	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0283	0.0013	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.205	0.0013	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0072	0.0013	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0331	0.0019	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.132	0.0014	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	0.0045	0.0013	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	0.0022	0.0013	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0069	0.0019	0.010	0.000100	0.000000690	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.010	0.000300	0.000000570	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	0.0054	0.0036	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.355	0.0032	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0175	0.0036	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0645	0.0024	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.102	0.0026	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0156	0.0032	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.381	0.0027	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0808	0.0032	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.122	0.0031	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.164	0.0017	0.010	0.0000300	0.00000492	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0341	0.0012	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0113	0.0013	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.305	0.0027	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0101	0.0017	0.010	0.0000300	0.000000303	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.477	0.0017	0.010	0.0000300	0.0000143	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0081	0.0018	0.010	0.0000300	0.000000243	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.010	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0714	0.0044	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.818	0.0047	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0262	0.0058	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0536	0.0056	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0200	0.0054	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0162	0.0058	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.152	0.0037	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0197	0.0028	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0401	0.0055	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	0.0090	0.0047	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0483	0.0049	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	0.0146	0.0037	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.148	0.0046	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.212	0.0047	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	1.03	0.0039	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	0.0116	0.0032	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0496	0.0029	0.020	0.0000300	0.00000149	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0455	0.0035	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0178	0.0035	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0249	0.0028	0.010	0.0000300	0.000000747	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.010	0.0300	0.0000900	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0475	0.0041	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0186	0.0049	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	0.0086	0.0052	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0209	0.0046	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	0.0185	0.0051	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.035 (1)	0.035	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0269	0.0036	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.126	0.0038	0.020	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0293	0.0043	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0270	0.0047	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.156	0.0045	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0059	0.0059	0.010	0.0000300	0.000000177	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	0.0079	0.0040	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0087 (1)	0.0087	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	0.0180	0.0085	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	0.0079	0.0056	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000273	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	280 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	226 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	110	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	135	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	35	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	84	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	78	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	35	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	34	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	79	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA100						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	56	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.00343	0.00075	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.00077	0.00077	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.00366	0.00074	0.0099	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0021	0.0021	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0076	0.0020	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0058	0.0019	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0208	0.0022	0.0099	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0021	0.0014	0.0099	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0048	0.0013	0.0099	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0289	0.0013	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0039	0.0017	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0187	0.0014	0.0099	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0019	0.0019	0.0099	0.000100	0.000000190	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0099	0.000300	0.000000570	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0486	0.0024	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0081	0.0019	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0156	0.0020	0.059	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0472	0.0021	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0120	0.0025	0.0099	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0092	0.0024	0.0099	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0259	0.0018	0.0099	0.0000300	0.000000777	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0043	0.0012	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0018	0.0013	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0371	0.0021	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0099	0.0000300	0.0000000510	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0803	0.0017	0.0099	0.0000300	0.00000241	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0159	0.0032	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.128	0.0035	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0072	0.0041	0.0099	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0159	0.0040	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0072	0.0040	0.0099	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0088	0.0036	0.0099	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0199	0.0033	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.0186	0.0034	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.150	0.0029	0.0099	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0105	0.0018	0.020	0.0000300	0.000000315	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0085	0.0025	0.0099	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0050	0.0017	0.0099	0.0000300	0.000000150	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0099	0.0300	0.0000540	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0095	0.0033	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0060	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0033	0.0023	0.0099	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0277	0.0031	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	0.0058	0.0034	0.0099	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0046	0.0038	0.0099	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0187	0.0029	0.0099	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0033	0.0033	0.0099	0.0000300	0.000000099	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000219	N/A	N/A

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	76	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	126	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	215 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	194 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	53	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	36	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	74	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA101						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	47	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0083	0.0012	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6113655
24'5-TriCB-(31)	ng/g	0.0075	0.0012	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0035	0.0035	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	0.0205	0.0033	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	0.0130	0.0032	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0553	0.0037	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	0.0043	0.0019	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0026	0.0026	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	0.0089	0.0018	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0712	0.0018	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	0.0021	0.0018	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	0.0099	0.0028	0.010	N/A	N/A	N/A	6113655
23'44'-TetraCB-(66)	ng/g	0.0405	0.0019	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	0.0026	0.0026	0.010	0.000100	0.000000260	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.010	0.000300	0.000000780	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.104	0.0029	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	0.0058	0.0033	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0185	0.0022	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0286	0.0024	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	0.0031	0.0029	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.109	0.0025	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0273	0.0029	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	0.0376	0.0028	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0567	0.0017	0.010	0.0000300	0.00000170	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	0.0104	0.0012	0.010	N/A	N/A	N/A	6113655
PentaCB-(108)+(124)	ng/g	0.0038	0.0013	0.020	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.0992	0.0024	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	0.0029	0.0017	0.010	0.0000300	0.0000000870	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.151	0.0017	0.010	0.0000300	0.00000453	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	0.0028	0.0018	0.010	0.0000300	0.0000000840	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.010	0.100	0.000160	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	0.0240	0.0045	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.260	0.0049	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	0.0064	0.0059	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	0.0155	0.0058	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	0.0066	0.0055	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	0.0071	0.0059	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	0.0509	0.0040	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	0.0057	0.0030	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	0.0121	0.0057	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	0.0159	0.0050	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'34'55'-HexaCB-(146)	ng/g	0.0383	0.0047	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	0.0531	0.0048	0.020	N/A	N/A	N/A	6113655

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.289	0.0040	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0160	0.0037	0.020	0.0000300	0.000000480	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	0.0159	0.0036	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	0.0064	0.0036	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	0.0067	0.0035	0.010	0.0000300	0.000000201	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.010	0.0300	0.000111	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	0.0136	0.0031	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	0.0069	0.0037	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	0.0063	0.0035	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	0.0122	0.0043	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	0.0076	0.0031	0.010	N/A	N/A	N/A	6113655
HeptaCB-(180)+(193)	ng/g	0.0356	0.0029	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.0079	0.0032	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	0.0067	0.0036	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0494	0.0038	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6113655
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000279	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78	N/A	N/A	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	213 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	287 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	240 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	103	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	48	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	38	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	29 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	29	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	36	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	68	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	53	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA102						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	33	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	52	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6113655

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6113655
3-MonoCB-(2)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6113655
4-MonoCB-(3)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6113655
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
2,4'-DiCB-(8)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6113655
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
3,3'-DiCB-(11)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6113655
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6113655
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
4,4'-DiCB-(15)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
22'3-TriCB-(16)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6113655
22'4-TriCB-(17)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6113655
TriCB-(18)+(30)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6113655
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
TriCB-(20) + (28)	ng/g	0.0023	0.0010	0.020	N/A	N/A	N/A	6113655
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6113655
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
236-TriCB-(24)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6113655
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0013	0.0010	0.010	N/A	N/A	N/A	6113655
24'6-TriCB-(32)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
33'5-TriCB-(36)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6113655
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6113655
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6113655
TetraCB-(40)+(41)+(71)	ng/g	<0.0034	0.0034	0.030	N/A	N/A	N/A	6113655
22'34'-TetraCB-(42)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6113655
22'35-TetraCB-(43)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6113655
TetraCB-(44)+(47)+(65)	ng/g	<0.0032	0.0032	0.030	N/A	N/A	N/A	6113655
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6113655
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6113655
22'45-TetraCB-(48)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6113655
22'55'-TetraCB-(52)	ng/g	0.0065	0.0036	0.010	N/A	N/A	N/A	6113655
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6113655
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
TetraCB-(59)+(62)+(75)	ng/g	<0.0026	0.0026	0.030	N/A	N/A	N/A	6113655
2344'-TetraCB -(60)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0078	0.0014	0.040	N/A	N/A	N/A	6113655
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
234'6-TetraCB-(64)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0048	0.0015	0.010	N/A	N/A	N/A	6113655
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.010	0.000100	0.000000200	N/A	6113655
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.010	0.000300	0.000000600	N/A	6113655
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
PentaCB-(83)+(99)	ng/g	0.0128	0.0031	0.020	N/A	N/A	N/A	6113655
22'33'6-PentaCB-(84)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
PentaCB-(85)+(116)+(117)	ng/g	0.0025	0.0024	0.030	N/A	N/A	N/A	6113655
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0039	0.0026	0.060	N/A	N/A	N/A	6113655
PentaCB-(88)+(91)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
PentaCB-(90)+(101)+(113)	ng/g	0.0110	0.0027	0.030	N/A	N/A	N/A	6113655
22'355'-PentaCB-(92)	ng/g	0.0032	0.0032	0.010	N/A	N/A	N/A	6113655
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.040	N/A	N/A	N/A	6113655
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'35'6-PentaCB-(95)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'366'-PentaCB-(96)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
233'44'-PentaCB-(105)	ng/g	0.0054	0.0017	0.010	0.0000300	0.000000162	N/A	6113655
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5-PentaCB-(107)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6113655
PentaCB-(110)+(115)	ng/g	0.0090	0.0026	0.020	N/A	N/A	N/A	6113655
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
2344'5-PentaCB-(114)	ng/g	<0.0016	0.0016	0.010	0.0000300	0.0000000480	N/A	6113655
23'44'5-PentaCB-(118)	ng/g	0.0178	0.0016	0.010	0.0000300	0.000000534	N/A	6113655
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540	N/A	6113655
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.010	0.100	0.000150	N/A	6113655
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6113655
HexaCB-(128)+(166)	ng/g	<0.0029 (1)	0.0029	0.020	N/A	N/A	N/A	6113655
HexaCB-(129)+(138)+(163)	ng/g	0.0280	0.0026	0.030	N/A	N/A	N/A	6113655
22'33'45'-HexaCB-(130)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6113655
22'33'46'-HexaCB-(132)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
HexaCB-(134)+(143)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6113655
HexaCB-(135)+(151)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6113655
22'33'66'-HexaCB-(136)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'344'5-HexaCB-(137)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6113655
22'3455'-HexaCB-(141)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'345'6-HexaCB-(144)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6113655
HexaCB-(147)+(149)	ng/g	<0.0040 (1)	0.0040	0.020	N/A	N/A	N/A	6113655
22'34'56'-HexaCB-(148)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6113655
22'34'66'-HexaCB-(150)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6113655
22'3566'-HexaCB-(152)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
HexaCB-(153)+(168)	ng/g	0.0295	0.0021	0.010	N/A	N/A	N/A	6113655
22'44'56'-HexaCB-(154)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6113655
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
HexaCB-(156)+(157)	ng/g	0.0023	0.0018	0.020	0.0000300	0.0000000690	N/A	6113655
233'44'6-HexaCB-(158)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6113655
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6113655
233'4'5'6-HexaCB-(164)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
23'44'55'-HexaCB-(167)	ng/g	<0.0017	0.0017	0.010	0.0000300	0.0000000510	N/A	6113655
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6113655
22'33'44'5-HeptaCB-(170)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
HeptaCB-(171)+(173)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6113655
22'33'455'-HeptaCB-(172)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'456'-HeptaCB-(174)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6113655
22'33'45'6-HeptaCB-(175)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'33'55'6-HeptaCB-(178)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6113655
22'33'566'-HeptaCB-(179)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.0064	0.0023	0.020	N/A	N/A	N/A	6113655
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'344'56'-HeptaCB-(182)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
22'344'5'6-HeptaCB-(183)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6113655
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6113655
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6113655
22'34'55'6-HeptaCB-(187)	ng/g	0.0045	0.0023	0.010	N/A	N/A	N/A	6113655
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6113655
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6113655
233'44'56-HeptaCB-(190)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6113655
22'33'44'55'-OctaCB-(194)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'44'56'-OctaCB-(196)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6113655
22'33'44'66'OctaCB-(197)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6113655
OctaCB-(198)+(199)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6113655
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6113655
22'33'45'66'-OctaCB-(201)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'33'55'66'-OctaCB-(202)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6113655
22'344'55'6-OctaCB-(203)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6113655
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6113655
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6113655
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6113655
22'33'455'66'-NonaCB-(208)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6113655
DecaCB-(209)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6113655

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000206	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'55'6-NonaCB-(206)	%	74	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'44'5-HeptaCB-(170)	%	176 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'66'-OctaCB-(202)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'344'55'-HeptaCB-(180)	%	188 (1)	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'66'-TetraCB-(54)	%	54	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'6-TriCB-(19)	%	46	N/A	N/A	N/A	N/A	N/A	6113655
C13-22'-DiCB-(4)	%	35	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'55'-HeptaCB-(189)	%	133	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6113655
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6113655
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6113655
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6113655
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6113655
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6113655

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA103						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6113655
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6113655
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6113655
C13-4-MonoCB-(3)	%	41	N/A	N/A	N/A	N/A	N/A	6113655
C13-DecaCB-(209)	%	50	N/A	N/A	N/A	N/A	N/A	6113655
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6113655

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0096	0.0031	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.0072	0.0031	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0055	0.0055	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.0254	0.0053	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.0164	0.0051	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.0583	0.0061	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0042	0.0042	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0119	0.0056	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0841	0.0054	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.0120	0.0046	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.0446	0.0052	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	<0.0073	0.0073	0.010	0.000100	0.000000730	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0071	0.0071	0.010	0.000300	0.00000213	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.163	0.0083	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.0321	0.0061	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0437	0.0065	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.0078	0.0078	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.150	0.0066	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.0339	0.0080	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0078	0.0078	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.0422	0.0077	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.0848	0.0059	0.010	0.0000300	0.00000254	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.0175	0.0042	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.128	0.0064	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.0057	0.0057	0.010	0.0000300	0.000000171	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.243	0.0057	0.010	0.0000300	0.00000729	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	<0.0062	0.0062	0.010	0.0000300	0.000000186	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0055	0.0055	0.010	0.100	0.000550	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.033	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	0.384	0.012	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.015	0.014	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.049	0.014	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	<0.018 (1)	0.018	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.058	0.012	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.063	0.013	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.401	0.0099	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0278	0.0045	0.020	0.0000300	0.000000834	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.0235	0.0090	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0135	0.0043	0.010	0.0000300	0.000000405	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0046	0.0046	0.010	0.0300	0.000138	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0216	0.0081	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.0130	0.0037	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.0071	0.0025	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.0691	0.0077	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.0162	0.0072	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.0581	0.0032	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0058	0.0058	0.010	0.0000300	0.000000174	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000702	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	126	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	102	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0085	0.0085	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0095	0.0020	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0075	0.0020	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0053	0.0053	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.0251	0.0050	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.0173	0.0048	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.0609	0.0058	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0040	0.0040	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0114	0.0043	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0907	0.0042	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0127	0.0043	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.0486	0.0040	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	<0.0056	0.0056	0.010	0.000100	0.000000560	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0055	0.0055	0.010	0.000300	0.00000165	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.163	0.0067	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.0279	0.0050	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0446	0.0052	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.155	0.0054	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.0331	0.0064	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0063	0.0063	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.0440	0.0062	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.0884	0.0032	0.010	0.0000300	0.00000265	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.0172	0.0023	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.129	0.0051	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.0043 (1)	0.0043	0.010	0.0000300	0.000000129	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.242	0.0031	0.010	0.0000300	0.00000726	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0030	0.0030	0.010	0.100	0.000300	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.0418	0.0068	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	0.381	0.0076	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.0154	0.0085	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	<0.0083 (1)	0.0083	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.0098	0.0098	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.0490	0.0079	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.0210	0.0088	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.0226	0.0075	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.0569	0.0072	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	0.0663	0.0080	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.423	0.0060	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0288	0.0058	0.020	0.0000300	0.000000864	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.0249	0.0055	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	<0.0063 (1)	0.0063	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0118	0.0056	0.010	0.0000300	0.000000354	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0059	0.0059	0.010	0.0300	0.000177	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0246	0.0095	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0139	0.0041	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	<0.0074 (1)	0.0074	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.0703	0.0091	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.0178	0.0085	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.0620	0.0035	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.010	0.0000300	0.0000000900	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000491	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	131	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	129	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	112	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	120	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	111	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	108	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	116	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA104						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-11 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	74	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	108	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	109	N/A	N/A	N/A	N/A	N/A	6126053

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0030	0.0013	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	<0.0014 (1)	0.0014	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0064	0.0064	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	<0.0060	0.0060	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.0180	0.0070	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0235	0.0034	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.0097	0.0033	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	<0.0046	0.0046	0.010	0.000100	0.000000460	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.010	0.000300	0.00000135	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.0710	0.0081	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	<0.0059	0.0059	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0121	0.0063	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.0414	0.0064	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0075	0.0075	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.0326	0.0049	0.010	0.0000300	0.000000978	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.0229	0.0062	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.0048	0.0048	0.010	0.0000300	0.000000144	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.139	0.0048	0.010	0.0000300	0.00000417	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.0101	0.0082	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	0.249	0.0091	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.0186	0.0075	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.0129	0.0090	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.0312	0.0087	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	<0.0096	0.0096	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.349	0.0073	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0225	0.0057	0.020	0.0000300	0.000000675	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.0132	0.0066	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0095	0.0055	0.010	0.0000300	0.000000285	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0058	0.0058	0.010	0.0300	0.000174	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0278	0.0091	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.0124	0.0093	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	<0.064 (1)	0.064	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.0202	0.0081	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.0261	0.0079	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0036	0.0036	0.010	0.0000300	0.000000108	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000642	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	74	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	125	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	47	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	42	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA105						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	46	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.0090	0.0090	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0086	0.0086	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	<0.0081	0.0081	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0090	0.0090	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0071	0.0027	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	<0.0036	0.0036	0.010	0.000100	0.000000360	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0035	0.0035	0.010	0.000300	0.00000105	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.0187	0.0073	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	<0.0054	0.0054	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0057	0.0057	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	<0.0072 (1)	0.0072	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0068	0.0068	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.0066	0.0038	0.010	0.0000300	0.000000198	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.0096	0.0056	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.0291	0.0037	0.010	0.0000300	0.000000873	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	<0.0040	0.0040	0.010	0.0000300	0.000000120	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0035	0.0035	0.010	0.100	0.000350	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	0.0382	0.0080	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	<0.0093	0.0093	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	<0.0084	0.0084	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.0475	0.0064	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	<0.0087	0.0087	0.020	0.0000300	0.000000261	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	<0.0083	0.0083	0.010	0.0000300	0.000000249	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0088	0.0088	0.010	0.0300	0.000264	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	<0.0094 (1)	0.0094	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6126053

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000617	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	124	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	123	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	51	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	56	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA106						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	49	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	<0.0046 (1)	0.0046	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0044	0.0025	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0044	0.0044	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.0155	0.0042	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0077 (1)	0.0077	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.0317	0.0048	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0033	0.0033	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0066	0.0042	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0433	0.0040	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	<0.0061 (1)	0.0061	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.0263	0.0039	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	<0.0054	0.0054	0.010	0.000100	0.000000540	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0053	0.0053	0.010	0.000300	0.00000159	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.0933	0.0076	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	<0.014 (1)	0.014	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0262	0.0059	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.0826	0.0061	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0071	0.0071	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.0230	0.0071	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.0462	0.0040	0.010	0.0000300	0.00000139	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	<0.0059 (1)	0.0059	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.0722	0.0058	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.0039	0.0039	0.010	0.0000300	0.000000117	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.130	0.0039	0.010	0.0000300	0.00000390	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	<0.0042	0.0042	0.010	0.0000300	0.000000126	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0037	0.0037	0.010	0.100	0.000370	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	<0.021 (1)	0.021	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	0.216	0.0085	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.0268	0.0083	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.0080	0.0080	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.0131	0.0084	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.0289	0.0081	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	0.0317	0.0090	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.240	0.0068	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0145	0.0044	0.020	0.0000300	0.000000435	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0073	0.0043	0.010	0.0000300	0.000000219	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0045	0.0045	0.010	0.0300	0.000135	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0157	0.0058	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	<0.0074	0.0074	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.0432	0.0055	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	<0.029 (1)	0.029	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000513	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	119	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	108	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	68	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA107						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6126053

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0091	0.0091	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0252	0.0027	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.0184	0.0027	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	<0.0069	0.0069	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.0628	0.0065	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0072	0.0072	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.0452	0.0063	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.164	0.0075	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0097	0.0046	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0080	0.0052	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0337	0.0044	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.276	0.0043	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0089	0.0042	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.0348	0.0056	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.143	0.0041	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0065	0.0042	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0066	0.0057	0.010	0.000100	0.000000660	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0056	0.0056	0.010	0.000300	0.00000168	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.592	0.0082	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.0779	0.0060	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.119	0.0064	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.449	0.0065	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.106	0.0078	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0076	0.0076	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.0974	0.0076	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.268	0.0049	0.010	0.0000300	0.00000804	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.0562	0.0035	0.010	N/A	N/A	N/A	6126053

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0134	0.0039	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.346	0.0062	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	<0.014 (1)	0.014	0.010	0.0000300	0.000000420	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.796	0.0048	0.010	0.0000300	0.0000239	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0090	0.0052	0.010	0.0000300	0.000000270	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.0876	0.0069	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	1.30	0.0077	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.0200	0.0091	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.0347	0.0086	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.0249	0.0083	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.150	0.013	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.0146	0.0097	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.0561	0.0090	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.0139	0.0072	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.0739	0.0076	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.187	0.0073	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	0.152	0.0081	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	1.58	0.0061	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.016	0.011	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0916	0.0081	0.020	0.0000300	0.00000275	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.0749	0.0056	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.0232	0.0055	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0418	0.0078	0.010	0.0000300	0.00000125	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0082	0.0082	0.010	0.0300	0.000246	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0890	0.0055	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.0329	0.0071	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.0190	0.0073	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.0195	0.0067	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.0073	0.0071	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.049	0.011	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.0246	0.0076	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.253	0.0053	0.020	N/A	N/A	N/A	6126053

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.0660	0.0049	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.194	0.0094	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0055	0.0055	0.010	0.0000300	0.000000165	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0202	0.0056	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.028	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.029 (1)	0.029	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.0156	0.0097	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.023	0.013	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000745	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	75	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	114	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	58	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	48	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	102	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA108						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KV-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	47	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.036	0.036	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.0209	0.0024	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.0120	0.0025	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0073	0.0042	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	<0.0058	0.0058	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.0205	0.0054	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0076 (1)	0.0076	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.0388	0.0060	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	<0.0043	0.0043	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0179	0.0068	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.135	0.0064	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	<0.0087 (1)	0.0087	0.010	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0966	0.0063	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	<0.0087	0.0087	0.010	0.000100	0.000000870	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0086	0.0086	0.010	0.000300	0.00000258	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	0.118	0.0043	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.0063	0.0045	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.0222	0.0032	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0526	0.0034	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.0069	0.0039	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	0.148	0.0034	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.0214	0.0042	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0039	0.0039	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.0253	0.0038	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.0788	0.0034	0.010	0.0000300	0.00000236	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.0132	0.0023	0.010	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0058	0.0027	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	0.110	0.0032	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0055	0.0033	0.010	0.0000300	0.000000165	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	0.212	0.0033	0.010	0.0000300	0.00000636	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	<0.0036	0.0036	0.010	0.0000300	0.000000108	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.010	0.100	0.000310	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.0316	0.0045	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	0.211	0.0049	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.0093	0.0058	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.0287	0.0082	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	<0.0096 (1)	0.0096	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.0179	0.0051	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.0303	0.0048	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	0.0907	0.0047	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	0.162	0.0040	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.0226	0.0041	0.020	0.0000300	0.000000678	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.0095	0.0036	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0065	0.0034	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0083	0.0039	0.010	0.0000300	0.000000249	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0041	0.0041	0.010	0.0300	0.000123	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.0087	0.0079	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0065	0.0046	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.0248	0.0077	0.020	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.0342	0.0060	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.0071	0.0071	0.010	0.0000300	0.000000213	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000447	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	130	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	188 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	169 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	50	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	33	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	24 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	126	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	21	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IRA110						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 MEAT	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	43	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	23	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0048 (1)	0.0048	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0099 (1)	0.0099	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.0163	0.0028	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0242	0.0089	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0368	0.0072	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.112	0.0060	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.544	0.0019	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0390	0.0020	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0829	0.0021	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0239	0.0020	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0684	0.0020	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0129	0.0051	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.505	0.0020	0.010	N/A	N/A	N/A	6120687

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.023 (1)	0.023	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0668	0.0034	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0043	0.0019	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.310	0.0053	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.302	0.0066	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0806	0.0080	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	1.51	0.0049	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0244	0.0055	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.105	0.0054	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	1.32	0.0047	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0345	0.0052	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	5.02	0.0055	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.384	0.0019	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0050	0.0018	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0903	0.0039	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.457	0.0018	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.16	0.0017	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.156	0.0017	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.478	0.0043	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	2.61	0.0017	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0220	0.0016	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0387	0.0017	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0452	0.0016	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.172	0.0024	0.010	0.000100	0.0000172	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0345	0.0016	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	0.0015	0.0015	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.010	0.000300	0.000000720	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.285	0.0083	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	4.75	0.0076	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.727	0.0076	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	1.13	0.0057	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.51	0.0059	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.593	0.0070	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	10.3	0.0060	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	1.83	0.0072	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0765	0.0070	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0120	0.0076	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	3.46	0.0068	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0547	0.0061	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	3.39	0.0044	0.010	0.0000300	0.000102	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.608	0.0030	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.260	0.0034	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	8.63	0.0057	0.020	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.190	0.0042	0.010	0.0000300	0.00000570	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	9.94	0.0042	0.010	0.0000300	0.000298	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0075	0.0050	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0624	0.0037	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.139	0.0046	0.010	0.0000300	0.00000417	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0120	0.0040	0.010	0.100	0.00120	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0043 (1)	0.0043	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	1.30	0.0067	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	11.7	0.0071	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.520	0.0081	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0633	0.0082	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	1.34	0.0080	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.188	0.0074	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.356	0.0081	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	2.57	0.0096	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.328	0.0067	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.429	0.0072	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0695	0.0066	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.829	0.0073	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.209	0.0092	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	1.66	0.0067	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	5.94	0.0066	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0120	0.0091	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	0.0074	0.0064	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	9.53	0.0057	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0883	0.0078	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.954	0.0051	0.020	0.0000300	0.0000286	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.731	0.0052	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0120	0.0041	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0370	0.0040	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.349	0.0052	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.387	0.0049	0.010	0.0000300	0.0000116	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0051	0.0051	0.010	0.0300	0.000153	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.448	0.0061	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.181	0.0076	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.112	0.0079	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.350	0.0071	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0274	0.0068	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0590	0.0051	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.458	0.0077	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.306	0.0074	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.309	0.0049	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	1.40	0.0059	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.262	0.0069	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0094	0.0047	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.247	0.0072	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	1.61	0.0065	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0355	0.0077	0.010	0.0000300	0.00000107	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.137	0.0064	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0290	0.0059	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.151	0.0066	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0371	0.0074	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.079	0.011	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0125	0.0071	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.170	0.011	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0136	0.0074	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0308	0.0073	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0733	0.0073	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.117	0.0099	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.024 (1)	0.024	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00182	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	106	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	134	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	180 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	216 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	128 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	192 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	138	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	154 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	136	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	117	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	72	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	121	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	0.0045	0.0013	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.0136	0.0022	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0208	0.0050	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0329	0.0041	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.104	0.0034	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.520	0.0017	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0378	0.0018	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0797	0.0019	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0254	0.0018	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0669	0.0018	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0131	0.0029	0.010	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.478	0.0018	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.0223	0.0027	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0653	0.0031	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0030	0.0017	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.288	0.0054	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.262	0.0067	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0717	0.0081	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	1.38	0.0050	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0240	0.0056	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0986	0.0055	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	1.21	0.0048	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0336	0.0053	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	4.69	0.0056	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.364	0.0031	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0047	0.0029	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0794	0.0039	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.427	0.0030	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.89	0.0028	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.147	0.0028	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.457	0.0044	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	2.48	0.0028	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0201	0.0027	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0364	0.0027	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0443	0.0027	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.165	0.0040	0.010	0.000100	0.0000165	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0292	0.0027	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.010	0.000300	0.00000117	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.254	0.0054	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	3.81	0.0050	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.575	0.0050	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.950	0.0037	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.91	0.0039	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.467	0.0046	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	8.21	0.0039	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	1.43	0.0047	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0540	0.0046	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0119	0.0049	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	2.80	0.0044	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0396	0.0040	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	3.08	0.0026	0.010	0.0000300	0.0000924	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.573	0.0018	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.245	0.0021	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	7.66	0.0038	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0072	0.0033	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.173	0.0025	0.010	0.0000300	0.00000519	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	9.00	0.0026	0.010	0.0000300	0.000270	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0072	0.0033	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0603	0.0022	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.113	0.0028	0.010	0.0000300	0.00000339	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0175	0.0024	0.010	0.100	0.00175	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	1.34	0.0072	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	11.5	0.0076	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.536	0.0086	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0662	0.0087	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	1.45	0.0086	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.202	0.0079	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.349	0.0087	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	2.88	0.0094	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.314	0.0065	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.427	0.0077	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0735	0.0071	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.872	0.0078	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.254	0.0090	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687

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Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	1.80	0.0072	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	6.20	0.0071	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0107	0.0090	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	9.93	0.0060	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.108	0.0077	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0080	0.0051	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.917	0.0050	0.020	0.0000300	0.0000275	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.716	0.0055	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0150	0.0041	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0361	0.0040	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.346	0.0056	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.368	0.0048	0.010	0.0000300	0.0000110	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0051	0.0051	0.010	0.0300	0.000153	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.481	0.0047	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.174	0.0059	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0982	0.0062	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.357	0.0056	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0227	0.0060	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0631	0.0045	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.462	0.0060	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.288	0.0065	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.356	0.0044	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	1.52	0.0046	0.020	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.272	0.0054	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0107	0.0041	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.221	0.0056	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	1.48	0.0057	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0383	0.0084	0.010	0.0000300	0.00000115	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.136	0.0050	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.151	0.0073	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0414	0.0081	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0665	0.0085	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0132	0.0055	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.141	0.0083	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0111	0.0057	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0327	0.0057	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0722	0.0056	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.101	0.0077	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0085 (1)	0.0085	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.035 (1)	0.035	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00233	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	123	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	170 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	130	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	212 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	176 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	137	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	126	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	113	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	121	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	115	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	112	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ468						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C02 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	116	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.028	0.012	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.055	0.012	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.137	0.0092	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.171	0.0075	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	1.21	0.0025	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.176	0.0027	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.148	0.0027	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0672	0.0027	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.147	0.0025	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0212	0.0063	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.926	0.0026	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.111	0.0062	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	0.0073	0.0028	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.110	0.0044	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0119	0.0025	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.953	0.0064	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.690	0.0076	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.176	0.0094	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	3.76	0.0060	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0990	0.0066	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	0.0136	0.0076	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.479	0.0064	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	3.28	0.0058	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0652	0.0063	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	10.3	0.0067	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.948	0.0062	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.218	0.0048	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.713	0.0061	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	8.68	0.0058	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.308	0.0057	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	1.92	0.0052	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	4.53	0.0057	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0257	0.0053	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0496	0.0056	0.010	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'55'-TetraCB-(72)	ng/g	0.112	0.0058	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.282	0.0079	0.010	0.000100	0.0000282	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0994	0.0052	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0090	0.0077	0.010	0.000300	0.00000270	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.420	0.011	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	12.2	0.010	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	1.50	0.011	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	2.18	0.0077	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	6.20	0.0080	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	1.75	0.0093	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	20.0	0.0081	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	3.56	0.010	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.173	0.0093	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.022	0.010	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	5.99	0.0090	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	0.0057	0.0045	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.104	0.0085	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	6.01	0.0063	0.010	0.0000300	0.000180	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	1.25	0.0043	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.478	0.0050	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	16.1	0.0075	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0162	0.0067	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2344'5-PentaCB-(114)	ng/g	0.339	0.0061	0.010	0.0000300	0.0000102	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	16.6	0.0061	0.010	0.0000300	0.000498	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.131	0.0055	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.120	0.0067	0.010	0.0000300	0.00000360	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0184	0.0059	0.010	0.100	0.00184	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	1.83	0.011	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	16.2	0.012	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.807	0.014	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.091	0.015	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	2.33	0.013	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.273	0.013	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.364	0.014	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	3.60	0.011	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.445	0.0081	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.720	0.015	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.115	0.011	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	1.59	0.012	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.270	0.012	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	2.45	0.011	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	8.05	0.011	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	11.6	0.0093	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'56'-HexaCB-(154)	ng/g	0.103	0.0095	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	1.50	0.0062	0.020	0.0000300	0.0000450	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.777	0.0084	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0168	0.0052	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0764	0.0050	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.646	0.0079	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.592	0.0059	0.010	0.0000300	0.0000178	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0062	0.0062	0.010	0.0300	0.000186	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.800	0.013	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.213	0.017	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.213	0.018	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.638	0.015	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.033	0.010	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0606	0.0077	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.794	0.018	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.368	0.011	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.379	0.0076	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	2.32	0.013	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.330	0.011	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	2.09	0.0098	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'566'-HeptaCB-(188)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0471	0.0079	0.010	0.0000300	0.00000141	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.203	0.014	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.040	0.013	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.290	0.011	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.077	0.011	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.133	0.016	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.030	0.022	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.307	0.015	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0181	0.0067	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.036	0.010	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.085	0.010	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.190	0.014	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	0.042	0.024	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00281	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	162 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ470						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C06 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	132	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	45	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	74	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0165	0.0091	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0548	0.0075	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.253	0.0020	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0144	0.0022	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0381	0.0022	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0123	0.0022	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0297	0.0021	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0069	0.0062	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.245	0.0021	0.0099	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.0066	0.0062	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0230	0.0036	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0972	0.0066	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.123	0.0078	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0263	0.0097	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.689	0.0062	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0180	0.0068	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0341	0.0066	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.430	0.0060	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0265	0.0065	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	1.60	0.0069	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.101	0.0043	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	<0.043 (1)	0.043	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.141	0.0042	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.27	0.0040	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0438	0.0040	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.238	0.0053	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.625	0.0039	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	<0.0088 (1)	0.0088	0.0099	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0218	0.0039	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0167	0.0040	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0526	0.0054	0.0099	0.000100	0.00000526	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0122	0.0036	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0053	0.0053	0.0099	0.000300	0.00000159	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0941	0.0089	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.84	0.0082	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.270	0.0086	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.365	0.0062	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.968	0.0065	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.186	0.0076	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	2.65	0.0066	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.558	0.0081	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0423	0.0076	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	1.51	0.0074	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0187	0.0069	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.824	0.0078	0.0099	0.0000300	0.0000247	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.159	0.0053	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0679	0.0062	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	2.07	0.0061	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0448	0.0076	0.0099	0.0000300	0.00000134	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	2.27	0.0076	0.0099	0.0000300	0.0000681	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0163	0.0068	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0221	0.0083	0.0099	0.0000300	0.000000663	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0095	0.0073	0.0099	0.100	0.000950	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.378	0.015	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	3.53	0.016	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.197	0.019	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.031	0.020	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.460	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.074	0.018	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.141	0.019	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.06	0.012	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.171	0.0086	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.135	0.021	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.039	0.015	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.175	0.017	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.105	0.012	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.644	0.016	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	2.28	0.015	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	3.32	0.013	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.050	0.010	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0082	0.0070	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.231	0.012	0.020	0.0000300	0.00000693	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.195	0.012	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.080	0.011	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.110	0.012	0.0099	0.0000300	0.00000330	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.012	0.012	0.0099	0.0300	0.000360	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	<0.12 (1)	0.12	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.079	0.024	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.031	0.026	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.095	0.022	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0338	0.0088	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.241	0.025	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.157	0.013	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.182	0.0086	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.462	0.018	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.161	0.016	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.769	0.011	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.019	0.019	0.0099	0.0000300	0.000000570	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.036	0.019	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.036	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.055	0.055	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	<0.037	0.037	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.036	0.025	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.026	0.026	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.047	0.047	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.040	0.040	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.049	0.049	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.10	0.10	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00142	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	162 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	140	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ472						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	239 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	170 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	109	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	128	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	55	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	45	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	66	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.0133	0.0074	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0259	0.0091	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0351	0.0070	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.107	0.0057	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.510	0.0023	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0461	0.0025	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0670	0.0025	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0243	0.0025	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0563	0.0024	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0110	0.0048	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.448	0.0024	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.0122	0.0047	0.010	N/A	N/A	N/A	6120687

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0487	0.0041	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0041	0.0023	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.216	0.0065	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.204	0.0077	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0942	0.0095	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	1.06	0.0061	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0225	0.0067	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.147	0.0065	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	1.49	0.0059	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0150	0.0064	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	5.48	0.0068	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.423	0.0049	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0926	0.0048	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.504	0.0049	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.38	0.0046	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.188	0.0046	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.399	0.0052	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	2.77	0.0046	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0179	0.0043	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0365	0.0045	0.010	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'55'-TetraCB-(72)	ng/g	0.0576	0.0046	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.173	0.0063	0.010	0.000100	0.0000173	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0480	0.0042	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0070	0.0062	0.010	0.000300	0.00000210	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.198	0.0095	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	3.37	0.0088	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.539	0.0092	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.931	0.0067	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.50	0.0070	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.500	0.0081	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	10.9	0.0070	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	1.90	0.0087	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0572	0.0081	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0145	0.0088	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	3.10	0.0079	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0663	0.0074	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	3.48	0.0080	0.010	0.0000300	0.000104	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.655	0.0055	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.250	0.0063	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	8.43	0.0066	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2344'5-PentaCB-(114)	ng/g	0.202	0.0078	0.010	0.0000300	0.00000606	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	9.77	0.0078	0.010	0.0000300	0.000293	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0614	0.0070	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0980	0.0085	0.010	0.0000300	0.00000294	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.016 (1)	0.016	0.010	0.100	0.00160	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	1.17	0.012	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	10.5	0.013	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.502	0.016	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.066	0.017	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	1.21	0.015	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.181	0.015	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.206	0.016	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	2.37	0.012	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.323	0.0088	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.460	0.018	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.068	0.013	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.857	0.014	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.223	0.013	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	1.58	0.013	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	6.02	0.013	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	7.34	0.011	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.090	0.010	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.850	0.0089	0.020	0.0000300	0.0000255	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.605	0.0098	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0141	0.0076	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0420	0.0073	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.354	0.0092	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.365	0.0086	0.010	0.0000300	0.0000110	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0090	0.0090	0.010	0.0300	0.000270	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.462	0.015	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.171	0.019	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.112	0.020	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.394	0.017	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0482	0.0095	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.486	0.020	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.265	0.014	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.313	0.0093	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	1.21	0.015	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.268	0.013	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	1.40	0.012	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.029	0.011	0.010	0.0000300	0.000000870	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.105	0.015	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.025	0.015	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.135	0.021	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.035	0.022	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.066	0.041	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.059	0.059	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.144	0.040	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.062	0.027	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.089	0.037	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.062	0.062	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00233	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	195 (1)	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ477						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	119	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	128	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	83	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	42	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	52	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	56	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	65	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	78	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0095	0.0084	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0443	0.0069	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.217	0.0018	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0109	0.0020	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0268	0.0020	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0083	0.0020	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0220	0.0019	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.180	0.0019	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.0063	0.0057	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0264	0.0032	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.106	0.0059	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.109	0.0070	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0259	0.0086	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.680	0.0055	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0120	0.0060	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0329	0.0059	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.384	0.0053	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0095	0.0057	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	1.96	0.0061	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.107	0.0045	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0387	0.0044	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.145	0.0045	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.39	0.0042	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0535	0.0042	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.229	0.0047	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.775	0.0042	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0083	0.0039	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0168	0.0041	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'55'-TetraCB-(72)	ng/g	0.0191	0.0042	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0589	0.0058	0.010	0.000100	0.00000589	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0153	0.0038	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0057	0.0057	0.010	0.000300	0.00000171	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.106	0.0099	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	2.43	0.0092	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.271	0.0096	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.513	0.0069	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.19	0.0073	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.223	0.0085	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	3.59	0.0073	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.780	0.0091	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0293	0.0085	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	1.45	0.0082	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0212	0.0077	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.16	0.0043	0.010	0.0000300	0.0000348	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.219	0.0029	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0863	0.0034	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	3.04	0.0068	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2344'5-PentaCB-(114)	ng/g	0.0657	0.0041	0.010	0.0000300	0.00000197	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	3.37	0.0042	0.010	0.0000300	0.000101	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0211	0.0037	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0360	0.0045	0.010	0.0000300	0.00000108	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0040	0.0040	0.010	0.100	0.000400	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.515	0.018	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	4.80	0.020	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.244	0.023	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.029	0.025	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.560	0.022	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.089	0.022	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.109	0.023	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.18	0.011	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.161	0.0080	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.202	0.026	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.042	0.019	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.289	0.020	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.121	0.012	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.814	0.019	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	2.65	0.019	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	4.23	0.016	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'56'-HexaCB-(154)	ng/g	0.0466	0.0093	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.363	0.012	0.020	0.0000300	0.0000109	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.278	0.014	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0149	0.0097	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.135	0.013	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.152	0.011	0.010	0.0000300	0.00000456	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.012	0.012	0.010	0.0300	0.000360	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.200	0.016	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.100	0.021	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.039	0.022	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.129	0.019	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0384	0.0072	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.265	0.022	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.160	0.010	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.176	0.0070	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.596	0.016	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.192	0.014	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.765	0.0092	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'566'-HeptaCB-(188)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.019	0.019	0.010	0.0000300	0.000000570	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.050	0.017	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.041	0.022	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.049	0.025	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.039	0.017	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.040	0.023	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.039	0.039	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.064	0.064	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000922	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	222 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery outside method acceptance criteria due to matrix effects.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ481						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'344'55'-HeptaCB-(180)	%	169 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	119	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	174 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	122	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	51	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	60	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	45	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0087	0.0087	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0292	0.0058	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.124	0.0018	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0067	0.0019	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0166	0.0019	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0048	0.0019	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0135	0.0018	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.112	0.0019	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0094	0.0032	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0466	0.0079	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0614	0.0094	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.014	0.012	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.351	0.0074	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0099	0.0080	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.207	0.0072	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0131	0.0077	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.863	0.0082	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0436	0.0038	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0211	0.0059	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0811	0.0037	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.659	0.0035	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0256	0.0035	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.126	0.0064	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.353	0.0035	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0045	0.0033	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0143	0.0034	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'55'-TetraCB-(72)	ng/g	0.0093	0.0035	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0277	0.0048	0.010	0.000100	0.00000277	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0076	0.0032	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0047	0.0047	0.010	0.000300	0.00000141	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0522	0.0085	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.09	0.0079	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.129	0.0083	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.218	0.0060	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.539	0.0063	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.102	0.0073	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	1.62	0.0063	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.311	0.0079	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0191	0.0073	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.752	0.0071	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0111	0.0067	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.520	0.0073	0.010	0.0000300	0.0000156	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.109	0.0050	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0421	0.0057	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	1.25	0.0059	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2344'5-PentaCB-(114)	ng/g	0.0276	0.0071	0.010	0.0000300	0.000000828	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	1.48	0.0071	0.010	0.0000300	0.0000444	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0094	0.0063	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0137	0.0077	0.010	0.0000300	0.000000411	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0068	0.0068	0.010	0.100	0.000680	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.219	0.017	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	2.12	0.018	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.115	0.022	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.256	0.021	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.047	0.020	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.046	0.021	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.549	0.014	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.084	0.010	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.077	0.024	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.123	0.019	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.048	0.015	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.382	0.018	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	1.21	0.017	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	2.00	0.015	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'56'-HexaCB-(154)	ng/g	0.023	0.012	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.149	0.0070	0.020	0.0000300	0.00000447	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.117	0.013	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.059	0.013	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0681	0.0067	0.010	0.0000300	0.00000204	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0071	0.0071	0.010	0.0300	0.000213	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.090	0.011	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.052	0.014	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	<0.020 (1)	0.020	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.067	0.013	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0169	0.0070	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.136	0.015	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.0785	0.0099	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0869	0.0068	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.297	0.011	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.0809	0.0095	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.416	0.0089	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.015	0.015	0.010	0.0000300	0.000000450	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.027	0.011	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	<0.025 (1)	0.025	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.039	0.039	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	<0.040 (1)	0.040	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.023	0.018	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.052	0.052	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000965	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	166 (2)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	142 (2)	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
(2) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ484						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	217 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	175 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	128	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	173 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	136	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	104	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	69	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	89	N/A	N/A	N/A	N/A	N/A	6120687

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N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00087 (1)	0.00087	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.00320	0.00066	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0040 (1)	0.0040	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00062	0.00062	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0029 (1)	0.0029	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0110	0.0049	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0137	0.0031	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0282	0.0026	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.153	0.00086	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0116	0.00089	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0178	0.00092	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00564	0.00087	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0112	0.00088	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0029	0.0023	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.111	0.00085	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0072	0.0021	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0178	0.0015	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00116	0.00083	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0814	0.0025	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0785	0.0030	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0158	0.0037	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.425	0.0023	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0162	0.0026	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	0.0043	0.0030	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0597	0.0026	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.286	0.0022	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0155	0.0025	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	1.04	0.0026	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0891	0.0020	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0285	0.0018	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.119	0.0019	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.949	0.0018	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0366	0.0018	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.209	0.0020	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.553	0.0017	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0045	0.0016	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0062	0.0017	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0091	0.0018	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0352	0.0025	0.0099	0.000100	0.00000352	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0080	0.0016	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0099	0.000300	0.000000720	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0687	0.0039	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.39	0.0032	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.215	0.0038	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.306	0.0027	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.787	0.0028	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.199	0.0033	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	2.46	0.0028	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.396	0.0035	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0238	0.0034	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.868	0.0033	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0124	0.0031	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.724	0.0032	0.0099	0.0000300	0.0000217	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.143	0.0024	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0481	0.0025	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	1.75	0.0026	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0436	0.0031	0.0099	0.0000300	0.00000131	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	2.09	0.0031	0.0099	0.0000300	0.0000627	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0119	0.0028	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0340	0.0034	0.0099	0.0000300	0.00000102	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0040 (1)	0.0040	0.0099	0.100	0.000400	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.300	0.0049	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	2.97	0.0052	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.139	0.0064	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0102	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.394	0.0062	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0548	0.0059	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0788	0.0064	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.666	0.0048	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.109	0.0036	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.101	0.0061	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0220	0.0052	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.189	0.0055	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0470	0.0047	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.453	0.0052	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	1.54	0.0051	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	2.01	0.0044	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0250	0.0040	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.218	0.0054	0.020	0.0000300	0.00000654	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.130	0.0039	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0052	0.0042	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0862	0.0039	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0876	0.0052	0.0099	0.0000300	0.00000263	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0055	0.0055	0.0099	0.0300	0.000165	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.113	0.0042	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0395	0.0053	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0302	0.0057	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.109	0.0051	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	<0.0096 (1)	0.0096	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.126	0.0054	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.0882	0.0058	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0874	0.0041	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.258	0.0039	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.114	0.0053	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0529	0.0052	0.0099	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.478	0.0052	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.0095	0.0095	0.0099	0.0000300	0.000000285	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0307	0.0042	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.0048 (1)	0.0048	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0234	0.0066	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0104	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0167	0.0095	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0357	0.0094	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0232	0.0087	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.026	0.026	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000665	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	119	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	202 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	154 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	268 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	229 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	139	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	195 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	117	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	97	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ487						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C25 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.022	0.022	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0123	0.0097	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0152	0.0074	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0594	0.0061	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.419	0.0015	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0352	0.0016	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0548	0.0017	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0173	0.0016	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0381	0.0016	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0051 (1)	0.0051	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.342	0.0016	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0404	0.0027	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0032	0.0015	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.161	0.0073	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.147	0.0086	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.057	0.011	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.862	0.0068	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0195	0.0075	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.112	0.0073	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	1.03	0.0066	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0122	0.0071	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	2.99	0.0076	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.301	0.0041	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0678	0.0054	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.293	0.0040	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.88	0.0038	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.101	0.0038	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.344	0.0059	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	1.66	0.0038	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0116	0.0035	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0223	0.0037	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0328	0.0038	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0906	0.0052	0.0099	0.000100	0.00000906	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0270	0.0035	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.0099	0.000300	0.00000153	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.132	0.011	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	2.96	0.0099	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.435	0.010	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.685	0.0075	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.96	0.0078	0.059	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.367	0.0091	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	5.60	0.0079	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	1.01	0.0098	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0355	0.0091	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	2.03	0.0088	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0373	0.0083	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.76	0.0061	0.0099	0.0000300	0.0000528	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.333	0.0041	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.126	0.0048	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	4.66	0.0074	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0973	0.0059	0.0099	0.0000300	0.00000292	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	5.18	0.0059	0.0099	0.0000300	0.000155	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0313	0.0053	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0418	0.0064	0.0099	0.0000300	0.00000125	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0056	0.0056	0.0099	0.100	0.000560	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.673	0.014	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	6.26	0.015	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.245	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.040	0.019	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.713	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.105	0.016	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.111	0.017	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.25	0.010	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.207	0.0075	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.304	0.019	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.058	0.014	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.416	0.015	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.115	0.011	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.912	0.014	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	3.11	0.014	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	5.24	0.012	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0698	0.0088	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.484	0.0074	0.020	0.0000300	0.0000145	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.330	0.011	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.176	0.010	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.175	0.0071	0.0099	0.0000300	0.00000525	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0075	0.0075	0.0099	0.0300	0.000225	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.311	0.011	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.101	0.014	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.063	0.015	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.216	0.012	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0271	0.0077	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.262	0.014	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.187	0.011	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.168	0.0075	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.831	0.010	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.181	0.0092	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.912	0.0098	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.015 (1)	0.015	0.0099	0.0000300	0.000000450	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.060	0.011	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.078	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.047	0.023	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.098	0.022	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.016	0.015	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.044	0.015	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.063	0.020	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.047	0.047	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.040	0.040	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.049	0.049	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.075	0.075	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00103	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	165 (2)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	148 (2)	N/A	N/A	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ490						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	238 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	118	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	191 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	136	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	133	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	52	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	134	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	44	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	81	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	0.033	0.020	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	0.0263	0.0095	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.084	0.010	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.018	0.016	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.105	0.010	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.249	0.0079	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.266	0.0065	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.907	0.0022	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.192	0.0024	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.185	0.0024	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.214	0.0024	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.562	0.0023	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.033 (1)	0.033	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.957	0.0023	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.112	0.0054	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	0.0053	0.0025	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0653	0.0039	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0078	0.0022	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.773	0.0066	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.977	0.0078	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.135	0.0097	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	4.30	0.0062	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0859	0.0068	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	0.0128	0.0079	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.437	0.0066	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	4.68	0.0060	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0717	0.0065	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	11.5	0.0069	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.839	0.0054	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0306	0.0052	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.411	0.0049	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.492	0.0054	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	7.17	0.0051	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.240	0.0050	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	1.81	0.0053	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	3.39	0.0050	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0515	0.0047	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0888	0.0049	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.152	0.0051	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.188	0.0069	0.0099	0.000100	0.0000188	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0682	0.0046	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0077	0.0068	0.0099	0.000300	0.00000231	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.573	0.0098	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	10.7	0.0091	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	1.50	0.0096	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	1.90	0.0069	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	5.92	0.0072	0.059	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	1.56	0.0084	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	12.9	0.0073	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	3.02	0.0090	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.177	0.0084	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0264	0.0092	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	6.91	0.0082	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0062 (1)	0.0062	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.138	0.0077	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	4.17	0.0069	0.0099	0.0000300	0.000125	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.845	0.0047	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.306	0.0054	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	14.3	0.0068	0.020	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	0.0120	0.0061	0.0099	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.222	0.0067	0.0099	0.0000300	0.00000666	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	13.4	0.0067	0.0099	0.0000300	0.000402	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0113	0.0061	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0798	0.0060	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0723	0.0073	0.0099	0.0000300	0.00000217	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0156	0.0064	0.0099	0.100	0.00156	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	1.50	0.015	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	11.8	0.016	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.628	0.019	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.093	0.020	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	2.11	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.196	0.017	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.267	0.019	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	2.52	0.016	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.495	0.011	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.560	0.021	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.169	0.015	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.963	0.016	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.259	0.017	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	1.74	0.015	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	6.36	0.015	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	8.87	0.013	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.139	0.013	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	1.01	0.012	0.020	0.0000300	0.0000303	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.855	0.012	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.012	0.011	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.036	0.010	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.419	0.011	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.414	0.012	0.0099	0.0000300	0.0000124	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.013	0.013	0.0099	0.0300	0.000390	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.527	0.019	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.183	0.024	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.109	0.026	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.291	0.022	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.052	0.012	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.429	0.025	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.242	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.257	0.012	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	1.35	0.018	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.285	0.016	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	1.26	0.016	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.029	0.015	0.0099	0.0000300	0.000000870	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.100	0.019	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.025	0.019	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.125	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.037	0.017	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.067	0.030	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.044	0.044	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.137	0.029	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.021	0.020	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.059	0.020	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.093	0.027	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.059	0.059	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.051	0.051	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.062	0.062	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.067	0.067	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00255	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	135	N/A	N/A	N/A	N/A	N/A	6120687

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N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ491						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	200 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	159 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	120	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	136	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	73	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	51	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	59	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	59	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	75	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery outside method acceptance criteria due to matrix effects.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.00675	0.00099	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0069 (1)	0.0069	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00093	0.00093	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0060 (1)	0.0060	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0178	0.0040	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0233	0.0025	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0503	0.0021	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.259	0.00087	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0213	0.00091	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0305	0.00093	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00997	0.00089	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0251	0.00090	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0050	0.0019	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.193	0.00087	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0124	0.0017	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0348	0.0015	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00252	0.00085	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.141	0.0035	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.158	0.0042	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0293	0.0051	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.872	0.0033	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0198	0.0037	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	0.0063	0.0041	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0715	0.0036	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.636	0.0031	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0203	0.0035	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	2.05	0.0036	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.163	0.0017	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0498	0.0026	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.200	0.0017	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.74	0.0016	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0582	0.0016	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.324	0.0028	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.838	0.0015	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0097	0.0014	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0199	0.0015	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0223	0.0016	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0771	0.0022	0.0099	0.000100	0.00000771	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0119	0.0014	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0029 (1)	0.0029	0.0099	0.000300	0.000000870	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.117	0.0050	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	3.01	0.0042	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.301	0.0048	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.634	0.0034	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.31	0.0036	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.293	0.0043	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	3.88	0.0036	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.723	0.0045	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0409	0.0043	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0057	0.0047	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	1.49	0.0043	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0211	0.0039	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.27	0.0027	0.0099	0.0000300	0.0000381	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.250	0.0020	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0899	0.0021	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	2.89	0.0034	0.020	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0704	0.0026	0.0099	0.0000300	0.00000211	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	3.66	0.0026	0.0099	0.0000300	0.000110	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0042	0.0030	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0222	0.0024	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0578	0.0029	0.0099	0.0000300	0.00000173	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0050	0.0025	0.0099	0.100	0.000500	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.545	0.0053	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	5.39	0.0057	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.264	0.0070	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0237	0.0074	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.595	0.0067	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.103	0.0064	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.131	0.0070	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.10	0.0057	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.154	0.0043	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.228	0.0066	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0529	0.0057	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.351	0.0060	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0895	0.0056	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.954	0.0057	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	2.42	0.0056	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	5.50	0.0048	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0585	0.0048	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0054	0.0030	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.353	0.0031	0.020	0.0000300	0.0000106	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.287	0.0042	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0079	0.0026	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0144	0.0024	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.125	0.0043	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.150	0.0030	0.0099	0.0000300	0.00000450	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0099	0.0300	0.0000960	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.296	0.0058	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0930	0.0074	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0677	0.0079	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.181	0.0070	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0119	0.0062	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0237	0.0047	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.260	0.0075	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.191	0.0065	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.148	0.0046	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.781	0.0055	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.193	0.0073	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0082	0.0043	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.138	0.0072	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.954	0.0058	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0144	0.0078	0.0099	0.0000300	0.000000432	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0589	0.0058	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0122	0.0055	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0696	0.0062	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0227	0.0064	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.040	0.012	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.107	0.012	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0190	0.0082	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0501	0.0079	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.050	0.011	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	0.0071	0.0064	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000772	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	141 (2)	N/A	N/A	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	131	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	200 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	120	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	73	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	75	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ492						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.00439	0.00073	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.0066	0.0012	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0047	0.0032	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0233	0.0027	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.147	0.00042	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.00832	0.00044	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0176	0.00045	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00467	0.00043	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0108	0.00043	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0030	0.0024	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.112	0.00042	0.010	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0040	0.0022	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	0.00053	0.00045	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0142	0.00075	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0437	0.0029	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0525	0.0035	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0106	0.0042	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.311	0.0027	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0051	0.0030	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0064	0.0030	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.182	0.0026	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0080	0.0029	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.838	0.0030	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0415	0.0020	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0175	0.0021	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0720	0.0019	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.599	0.0019	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0227	0.0018	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.120	0.0023	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.326	0.0018	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0019	0.0017	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0099	0.0017	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0081	0.0019	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0260	0.0026	0.010	0.000100	0.00000260	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0045	0.0016	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.010	0.000300	0.000000750	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0502	0.0038	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.01	0.0032	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.110	0.0037	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.215	0.0026	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.488	0.0027	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.117	0.0033	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	1.57	0.0028	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.308	0.0034	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0156	0.0033	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.726	0.0033	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0096	0.0030	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.460	0.0024	0.010	0.0000300	0.0000138	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.101	0.0018	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0330	0.0019	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	1.17	0.0026	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0253	0.0023	0.010	0.0000300	0.000000759	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	1.25	0.0023	0.010	0.0000300	0.0000375	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0031	0.0023	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0080	0.0021	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0205	0.0025	0.010	0.0000300	0.000000615	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0055	0.0022	0.010	0.100	0.000550	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.245	0.0062	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	2.22	0.0066	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.125	0.0081	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0137	0.0086	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.280	0.0078	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0522	0.0075	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0840	0.0081	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.693	0.0050	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.0931	0.0037	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.0807	0.0077	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0239	0.0066	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.112	0.0069	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0544	0.0049	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.416	0.0066	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	1.47	0.0065	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0103	0.0049	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	2.18	0.0055	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0339	0.0041	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0043	0.0026	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.145	0.0043	0.020	0.0000300	0.00000435	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.120	0.0049	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0082	0.0033	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0540	0.0049	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0654	0.0041	0.010	0.0000300	0.00000196	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0043	0.0043	0.010	0.0300	0.000129	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.0948	0.0074	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0563	0.0095	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.025	0.010	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.0920	0.0090	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0085	0.0042	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0220	0.0032	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.164	0.0096	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.109	0.0044	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.116	0.0031	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.307	0.0070	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.0968	0.0094	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0068	0.0029	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.0832	0.0093	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.528	0.0039	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.0066 (1)	0.0066	0.010	0.0000300	0.000000198	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0250	0.0075	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0069	0.0066	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0128	0.0093	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0388	0.0092	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0093	0.0065	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0225	0.0062	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0195	0.0084	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000742	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	150 (2)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	132	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ493						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	236 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	171 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	120	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	177 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	121	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	53	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	43	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	117	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	29	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0042 (1)	0.0042	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.0263	0.00054	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	0.00357	0.00053	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00051	0.00051	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.0265	0.00088	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.086	0.015	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.139	0.0093	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.323	0.0077	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	1.89	0.0014	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0914	0.0014	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.225	0.0015	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0471	0.0014	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0995	0.0014	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0369	0.0070	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	1.37	0.0014	0.0099	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0556	0.0063	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	0.0032	0.0015	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.173	0.0024	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.0102	0.0013	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.439	0.0015	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.545	0.0018	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.109	0.0021	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	3.54	0.0014	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0435	0.0015	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	0.0047	0.0017	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.526	0.0015	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	2.57	0.0013	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0304	0.0014	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	8.95	0.0015	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.710	0.0019	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0081	0.0018	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.250	0.0011	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	1.02	0.0018	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	9.78	0.0017	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.298	0.0017	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	1.94	0.0012	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	5.97	0.0017	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0229	0.0016	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0480	0.0016	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0877	0.0018	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.311	0.0024	0.0099	0.000100	0.0000311	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0618	0.0015	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0091	0.0024	0.0099	0.000300	0.00000273	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.342	0.0033	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	12.8	0.0028	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	1.49	0.0032	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	2.70	0.0023	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	6.58	0.0024	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	1.57	0.0029	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	20.2	0.0024	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	2.92	0.0030	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.151	0.0029	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0206	0.0031	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	6.23	0.0028	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.125	0.0026	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	6.39	0.0016	0.0099	0.0000300	0.000192	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	1.24	0.0012	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.414	0.0012	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	14.9	0.0022	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0120	0.0020	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.398	0.0015	0.0099	0.0000300	0.0000119	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	17.8	0.0015	0.0099	0.0000300	0.000534	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0042	0.0020	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0975	0.0014	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.229	0.0017	0.0099	0.0000300	0.00000687	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0123	0.0015	0.0099	0.100	0.00123	N/A	6120687
33'455'-PentaCB-(127)	ng/g	0.0056	0.0012	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	2.09	0.0029	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	16.3	0.0031	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.718	0.0039	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.137	0.0041	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	2.11	0.0037	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.235	0.0036	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.438	0.0039	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	3.02	0.0037	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.598	0.0028	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.884	0.0037	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.181	0.0031	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	1.30	0.0033	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.301	0.0036	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	2.38	0.0031	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	9.15	0.0031	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0135	0.0037	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	0.0107	0.0026	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	0.0048	0.0027	0.0099	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	11.6	0.0026	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.151	0.0031	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0030	0.0019	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	1.58	0.0018	0.020	0.0000300	0.0000474	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	1.04	0.0023	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0128	0.0015	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0463	0.0014	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.469	0.0023	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	0.0043	0.0027	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.562	0.0017	0.0099	0.0000300	0.0000169	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	0.0099	0.0018	0.0099	0.0300	0.000297	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.734	0.0029	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.295	0.0037	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.178	0.0039	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.513	0.0035	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0288	0.0041	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0909	0.0031	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.567	0.0037	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.304	0.0043	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.391	0.0030	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	2.02	0.0027	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	0.0179	0.0036	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0060 (1)	0.0060	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.385	0.0036	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0039	0.0028	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.276	0.0036	0.0099	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	1.91	0.0038	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	0.0031	0.0029	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0432	0.0036	0.0099	0.0000300	0.00000130	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.172	0.0029	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0417	0.0027	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.182	0.0035	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0671	0.0036	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.131	0.0056	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0165	0.0034	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.206	0.0055	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0210	0.0045	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0489	0.0039	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0779	0.0038	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.155	0.0051	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	0.0123	0.0036	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	0.0362	0.0053	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	0.0086	0.0044	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	0.0082	0.0055	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00237	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	124	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	171 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	140	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	106	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	127	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	129	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ495						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0014 (1)	0.0014	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0030 (1)	0.0030	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00054	0.00054	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.00311	0.00094	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0148	0.0045	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0168	0.0029	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0604	0.0024	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.181	0.00064	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0123	0.00067	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0246	0.00069	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.0104	0.00066	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0350	0.00066	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0058	0.0021	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.181	0.00064	0.0099	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0066	0.0019	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00089 (1)	0.00089	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0112	0.0011	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00327	0.00062	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.137	0.0018	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.208	0.0021	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0468	0.0025	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	1.20	0.0016	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0069	0.0018	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0781	0.0018	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.901	0.0016	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	<0.0026 (1)	0.0026	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	3.27	0.0018	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.202	0.0012	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0040	0.0011	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0663	0.0013	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.149	0.0011	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.02	0.0011	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0803	0.0011	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.374	0.0014	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.718	0.0010	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0104	0.00097	0.0099	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0290	0.00099	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0370	0.0011	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0670	0.0015	0.0099	0.000100	0.00000670	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0245	0.00094	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0015 (1)	0.0015	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0036	0.0015	0.0099	0.000300	0.00000108	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.172	0.0028	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	3.96	0.0023	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.359	0.0027	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.843	0.0019	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.07	0.0020	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.460	0.0024	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	6.24	0.0020	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	1.33	0.0025	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0299	0.0024	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0043	0.0026	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	2.37	0.0024	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0356	0.0022	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.90	0.0013	0.0099	0.0000300	0.0000570	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.477	0.0010	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.168	0.0010	0.020	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	5.50	0.0019	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0056	0.0017	0.0099	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.100	0.0013	0.0099	0.0000300	0.00000300	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	5.70	0.0013	0.0099	0.0000300	0.000171	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0396	0.0012	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0988	0.0014	0.0099	0.0000300	0.00000296	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0110	0.0012	0.0099	0.100	0.00110	N/A	6120687
33'455'-PentaCB-(127)	ng/g	0.0074	0.0010	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.877	0.0018	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	8.13	0.0019	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.409	0.0023	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0323	0.0025	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.899	0.0022	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.155	0.0021	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.213	0.0023	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.74	0.0032	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.161	0.0024	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.305	0.0022	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0619	0.0019	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.577	0.0020	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.137	0.0032	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	1.36	0.0019	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	3.52	0.0018	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0080	0.0032	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	0.0052	0.0022	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	6.95	0.0016	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0759	0.0027	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0097	0.0017	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.654	0.0025	0.020	0.0000300	0.0000196	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.464	0.0014	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0138	0.0021	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0320	0.0019	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.274	0.0014	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	0.0058	0.0016	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.276	0.0024	0.0099	0.0000300	0.00000828	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	0.0041	0.0025	0.0099	0.0300	0.000123	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.464	0.0024	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.143	0.0031	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.118	0.0033	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.342	0.0029	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0235	0.0034	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0352	0.0026	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.439	0.0031	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.293	0.0036	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.229	0.0025	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	1.43	0.0023	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	0.0083	0.0030	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0047 (1)	0.0047	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.297	0.0031	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	0.0130	0.0024	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.203	0.0030	0.0099	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	1.56	0.0032	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0284	0.0026	0.0099	0.0000300	0.000000852	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.113	0.0024	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0272	0.0023	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.148	0.0029	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0416	0.0029	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0762	0.0049	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0099	0.0030	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.188	0.0048	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0122	0.0039	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0210	0.0034	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0731	0.0033	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.121	0.0044	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	0.0097	0.0030	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	0.0370	0.0043	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	0.0117	0.0045	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	0.0126	0.0061	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00149	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	119	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	83	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ501						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6120687

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.00334	0.00073	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0070 (1)	0.0070	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0084 (1)	0.0084	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0074	0.0058	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0336	0.0030	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.421	0.00076	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0117	0.00079	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0440	0.00081	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00888	0.00077	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0257	0.00078	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0063	0.0028	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.291	0.00075	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0029	0.0025	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0471	0.0013	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00229	0.00074	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0810	0.0025	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.116	0.0029	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0294	0.0036	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.755	0.0023	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0234	0.0025	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.506	0.0022	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0099	0.0024	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	1.82	0.0025	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.137	0.0021	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0042	0.0020	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0493	0.0018	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.266	0.0021	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.30	0.0020	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0715	0.0020	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.357	0.0019	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	1.36	0.0019	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0084	0.0018	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0216	0.0018	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0216	0.0020	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0805	0.0028	0.0099	0.000100	0.00000805	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0153	0.0017	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0099	0.000300	0.000000810	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.109	0.0032	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	2.85	0.0027	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.275	0.0031	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.637	0.0022	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.54	0.0023	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.282	0.0028	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	4.42	0.0023	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.756	0.0029	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0409	0.0028	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0064	0.0030	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	1.54	0.0027	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0224	0.0025	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.47	0.0021	0.0099	0.0000300	0.0000441	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.298	0.0016	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.102	0.0017	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	3.33	0.0022	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0040	0.0019	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0886	0.0021	0.0099	0.0000300	0.00000266	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	4.20	0.0021	0.0099	0.0000300	0.000126	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0045	0.0019	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0224	0.0019	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0565	0.0023	0.0099	0.0000300	0.00000170	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0060	0.0020	0.0099	0.100	0.000600	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.595	0.0044	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	5.06	0.0047	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.277	0.0058	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0431	0.0061	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.675	0.0056	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.103	0.0053	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.162	0.0058	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.30	0.0049	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.190	0.0036	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.219	0.0055	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0463	0.0047	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.410	0.0049	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.138	0.0048	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.864	0.0047	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	3.08	0.0046	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0091	0.0048	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	4.70	0.0039	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0598	0.0041	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0074	0.0025	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.415	0.0037	0.020	0.0000300	0.0000125	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.294	0.0035	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0086 (1)	0.0086	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0171	0.0029	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.139	0.0035	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	0.0084	0.0040	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.161	0.0036	0.0099	0.0000300	0.00000483	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0038	0.0038	0.0099	0.0300	0.000114	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.271	0.0046	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.128	0.0058	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0631	0.0062	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.225	0.0056	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0196	0.0051	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0533	0.0039	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.286	0.0059	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.197	0.0053	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.233	0.0038	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.813	0.0043	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.209	0.0058	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0139	0.0035	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.145	0.0057	0.0099	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.968	0.0048	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0166	0.0047	0.0099	0.0000300	0.000000498	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0567	0.0046	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0153	0.0044	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0692	0.0066	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0276	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0461	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0070	0.0041	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0991	0.0067	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0127	0.0054	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0298	0.0048	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0484	0.0046	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0643	0.0062	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000915	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	131	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	203 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	159 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	111	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	116	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	23	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	61	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	75	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ504						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C53 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	76	N/A	N/A	N/A	N/A	N/A	6120687

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RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0206	0.0072	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.132	0.0024	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0050	0.0025	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0149	0.0025	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0042	0.0024	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0097	0.0024	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.0986	0.0023	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0159	0.0041	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.052	0.010	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.053	0.013	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.347	0.0094	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.021	0.010	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.212	0.0093	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	0.759	0.0093	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.0574	0.0051	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0208	0.0074	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.105	0.0049	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.821	0.0047	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0341	0.0047	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	0.156	0.0083	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.543	0.0047	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	<0.0077 (1)	0.0077	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0106	0.0046	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0404	0.0063	0.010	0.000100	0.00000404	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0115	0.0042	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0061	0.0061	0.010	0.000300	0.00000183	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.042	0.011	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	1.76	0.0098	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.178	0.011	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.353	0.0076	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.736	0.0081	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.158	0.0097	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	2.78	0.0084	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.455	0.0099	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0098	0.0098	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	0.673	0.0095	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0140	0.0089	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	0.855	0.0061	0.010	0.0000300	0.0000257	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.141	0.0040	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0494	0.0048	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	1.99	0.0078	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0440	0.0060	0.010	0.0000300	0.00000132	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	2.50	0.0060	0.010	0.0000300	0.0000750	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0200	0.0065	0.010	0.0000300	0.000000600	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0057	0.0057	0.010	0.100	0.000570	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.317	0.012	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	3.02	0.013	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.135	0.016	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.315	0.016	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.065	0.015	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.053	0.017	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.682	0.011	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.0710	0.0081	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	<0.11 (1)	0.11	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.023	0.013	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.270	0.015	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.063	0.011	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.468	0.013	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	1.06	0.014	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	2.30	0.011	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	<0.029 (1)	0.029	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.266	0.010	0.020	0.0000300	0.00000798	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.180	0.0096	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	<0.087 (1)	0.087	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.107	0.0099	0.010	0.0000300	0.00000321	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.010	0.010	0.010	0.0300	0.000300	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.129	0.019	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.054	0.024	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.037	0.025	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.122	0.023	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.147	0.025	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.115	0.015	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.102	0.011	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.430	0.018	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.100	0.018	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.528	0.013	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0108	0.0055	0.010	0.0000300	0.000000324	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.036	0.018	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.044	0.012	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.048	0.024	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.028	0.016	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	<0.026 (1)	0.026	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000990	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	168 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	109	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	134	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	113	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	129	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	45	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6095733

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N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ540						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0046 (1)	0.0046	0.0099	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0055	0.0034	0.0099	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0228	0.0028	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.125	0.0022	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0064	0.0024	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0128	0.0024	0.0099	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0036	0.0023	0.0099	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0116	0.0022	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0852	0.0022	0.0099	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0030	0.0023	0.0099	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0092	0.0038	0.0099	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.037	0.012	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.051	0.015	0.0099	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.552	0.011	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.456	0.011	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	1.67	0.011	0.0099	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.0457	0.0033	0.0099	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0241	0.0088	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.100	0.0032	0.0099	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.899	0.0030	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0348	0.0030	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.151	0.0099	0.0099	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.434	0.0031	0.0099	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	<0.0077 (1)	0.0077	0.0099	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0118	0.0029	0.0099	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0335	0.0040	0.0099	0.000100	0.00000335	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0079	0.0027	0.0099	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.0099	0.000300	0.00000117	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.0489	0.0093	0.0099	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	4.94	0.0081	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.108	0.0093	0.0099	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.741	0.0063	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.07	0.0067	0.059	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.200	0.0080	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	4.52	0.0070	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.672	0.0082	0.0099	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.023 (1)	0.023	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	0.828	0.0078	0.0099	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0133	0.0074	0.0099	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	1.44	0.0073	0.0099	0.0000300	0.0000432	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.220	0.0048	0.0099	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.0508	0.0057	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	2.31	0.0065	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0897	0.0071	0.0099	0.0000300	0.00000269	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	4.28	0.0071	0.0099	0.0000300	0.000128	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0103	0.0062	0.0099	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0375	0.0077	0.0099	0.0000300	0.00000113	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0071 (1)	0.0071	0.0099	0.100	0.000710	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.865	0.013	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	9.48	0.014	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.439	0.016	0.0099	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.351	0.016	0.0099	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.166	0.016	0.0099	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.039	0.018	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.716	0.010	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.0540	0.0073	0.0099	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.490	0.016	0.0099	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.067	0.014	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.394	0.015	0.0099	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.090	0.010	0.0099	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.36	0.013	0.0099	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	1.03	0.015	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	9.18	0.011	0.0099	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.0697	0.0084	0.0099	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.0079 (1)	0.0079	0.0099	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.699	0.0063	0.020	0.0000300	0.0000210	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.512	0.010	0.0099	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0221	0.0051	0.0099	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.063	0.011	0.0099	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.182	0.0061	0.0099	0.0000300	0.00000546	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0064	0.0064	0.0099	0.0300	0.000192	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.680	0.010	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.147	0.014	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.132	0.014	0.0099	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.091	0.013	0.0099	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.340	0.014	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.272	0.020	0.0099	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.065	0.014	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	1.97	0.010	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.341	0.0099	0.0099	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.35	0.017	0.0099	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0305	0.0041	0.0099	0.0000300	0.000000915	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.132	0.010	0.0099	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.030	0.010	0.0099	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.274	0.0087	0.0099	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0857	0.0094	0.0099	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.112	0.017	0.0099	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.256	0.017	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.099	0.011	0.0099	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.178	0.015	0.0099	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0135	0.0086	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0582	0.0087	0.0099	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6095733

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0192	0.0091	0.0099	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	0.0199	0.0079	0.0099	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00111	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	102	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	100	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	76	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ541						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0060	0.0035	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0177	0.0067	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0449	0.0055	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.171	0.0026	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0154	0.0028	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0180	0.0028	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0072	0.0027	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0201	0.0026	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.121	0.0025	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0106	0.0044	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0109	0.0045	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.108	0.0065	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.115	0.0081	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.980	0.0059	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0152	0.0067	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.0446	0.0063	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.754	0.0059	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0138	0.0064	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	2.69	0.0059	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.101	0.0062	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0366	0.0047	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.111	0.0060	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.18	0.0058	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0306	0.0058	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.195	0.0053	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.488	0.0058	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0062	0.0055	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	<0.0088 (1)	0.0088	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0128	0.0056	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0359	0.0077	0.010	0.000100	0.00000359	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0115	0.0052	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0075	0.0075	0.010	0.000300	0.00000225	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.108	0.012	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	7.44	0.010	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.213	0.012	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.20	0.0080	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.44	0.0085	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.301	0.010	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	6.44	0.0089	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.947	0.010	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.033	0.010	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	1.40	0.010	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0195	0.0095	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	1.46	0.0063	0.010	0.0000300	0.0000438	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.150	0.0041	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.0565	0.0049	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	2.65	0.0083	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0964	0.0061	0.010	0.0000300	0.00000289	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	4.07	0.0061	0.010	0.0000300	0.000122	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	0.0111	0.0075	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0115	0.0053	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0245	0.0066	0.010	0.0000300	0.000000735	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0058	0.0058	0.010	0.100	0.000580	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.982	0.0084	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	10.7	0.0092	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.458	0.011	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.432	0.011	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.200	0.010	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.045	0.012	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.883	0.013	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.0801	0.0096	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.527	0.010	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0596	0.0091	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.335	0.010	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.089	0.013	0.010	N/A	N/A	N/A	6095733

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.77	0.0087	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	1.32	0.0097	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	11.2	0.0076	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.096	0.011	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0229	0.0072	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.640	0.011	0.020	0.0000300	0.0000192	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.499	0.0066	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0125	0.0088	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.0595	0.0071	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0157	0.0080	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.130	0.010	0.010	0.0000300	0.00000390	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.011	0.011	0.010	0.0300	0.000330	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.779	0.0087	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.154	0.011	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.157	0.012	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.125	0.011	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.420	0.012	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.342	0.019	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.061	0.013	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	2.38	0.0086	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.384	0.0084	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.020	0.013	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.68	0.016	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0256	0.0069	0.010	0.0000300	0.000000768	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.145	0.0087	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.241	0.017	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.079	0.018	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.111	0.023	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.317	0.024	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.126	0.016	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.180	0.021	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.063	0.011	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.025	0.011	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	0.0469	0.0043	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00111	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	70	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	63	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ542						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0071	0.0069	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.0306	0.0029	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0044	0.0031	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0036	0.0029	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.0255	0.0029	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.0205	0.0096	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.021	0.012	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.123	0.0088	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	<0.0099	0.0099	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.0762	0.0087	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	<0.0095	0.0095	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	0.333	0.0088	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.0175	0.0043	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	<0.0069	0.0069	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.0224	0.0042	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.228	0.0040	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0088	0.0040	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	0.0509	0.0078	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.110	0.0040	0.010	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0090	0.0053	0.010	0.000100	0.000000900	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.010	0.000300	0.00000156	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	0.485	0.013	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.062	0.015	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.112	0.010	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.241	0.011	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.057	0.013	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	0.823	0.011	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.179	0.013	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.013	0.013	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	0.589	0.013	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	0.225	0.0098	0.010	0.0000300	0.00000675	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.0308	0.0064	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.733	0.011	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	<0.0095	0.0095	0.010	0.0000300	0.000000285	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	0.603	0.0095	0.010	0.0000300	0.0000181	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	<0.010	0.010	0.010	0.0000300	0.000000300	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0091	0.0091	0.010	0.100	0.000910	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.087	0.022	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	0.739	0.024	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.034	0.028	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.089	0.028	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	<0.031	0.031	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.339	0.019	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.024	0.014	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.031	0.027	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	<0.024	0.024	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.061	0.026	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	0.111	0.023	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	0.279	0.025	0.020	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	0.535	0.020	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.0711	0.0080	0.020	0.0000300	0.00000213	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.041	0.017	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.028	0.019	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.0270	0.0077	0.010	0.0000300	0.000000810	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0081	0.0081	0.010	0.0300	0.000243	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.032	0.020	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	<0.026	0.026	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	<0.038 (1)	0.038	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.029	0.012	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.0292	0.0084	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	0.106	0.019	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.172	0.010	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	<0.0095	0.0095	0.010	0.0000300	0.000000285	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	<0.035	0.035	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00118	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	178 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	180 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	124	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	46	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	72	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	54	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	48	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	47	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	48	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	39	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	55	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	56	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ543						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	75	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	0.0272	0.0076	0.0099	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.0127	0.0048	0.0099	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0507	0.0045	0.0099	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0153	0.0078	0.0099	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.189	0.010	0.0099	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.471	0.0069	0.0099	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.454	0.0056	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	1.17	0.0026	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.216	0.0028	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.249	0.0028	0.0099	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.167	0.0027	0.0099	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.373	0.0026	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0627	0.0051	0.0099	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	1.50	0.0025	0.0099	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.320	0.0046	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	0.0065	0.0027	0.0099	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0893	0.0045	0.0099	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0189	0.0025	0.0099	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	2.56	0.0097	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	2.18	0.012	0.0099	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.222	0.012	0.0099	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	7.02	0.0090	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.232	0.010	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.023	0.012	0.0099	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	1.08	0.0095	0.0099	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	8.07	0.0089	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.163	0.0097	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	18.4	0.0089	0.0099	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	1.86	0.0050	0.0099	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.610	0.0070	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.846	0.0048	0.0099	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	12.3	0.0046	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.353	0.0046	0.0099	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	3.76	0.0079	0.0099	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	4.86	0.0047	0.0099	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0975	0.0044	0.0099	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.112	0.0043	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'55'-TetraCB-(72)	ng/g	0.196	0.0045	0.0099	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.313	0.0062	0.0099	0.000100	0.0000313	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.110	0.0042	0.0099	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0151	0.0060	0.0099	0.000300	0.00000453	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	1.78	0.027	0.0099	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	22.3	0.023	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	4.37	0.027	0.0099	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	4.43	0.018	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	16.0	0.019	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	4.22	0.023	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	0.029	0.026	0.0099	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	37.9	0.020	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	7.71	0.024	0.0099	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.559	0.024	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.075	0.025	0.0099	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	19.4	0.023	0.0099	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0242	0.0028	0.0099	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.347	0.021	0.0099	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	5.88	0.0084	0.0099	0.0000300	0.000176	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.823	0.0055	0.0099	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.353	0.0065	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	37.2	0.019	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.025	0.017	0.0099	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2344'5-PentaCB-(114)	ng/g	0.276	0.0081	0.0099	0.0000300	0.00000828	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	19.8	0.0081	0.0099	0.0000300	0.000594	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.046	0.016	0.0099	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0908	0.0071	0.0099	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.181	0.0088	0.0099	0.0000300	0.00000543	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0292	0.0078	0.0099	0.100	0.00292	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	2.18	0.021	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	17.2	0.023	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.920	0.027	0.0099	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.113	0.029	0.0099	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	3.22	0.027	0.0099	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.260	0.026	0.0099	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.347	0.029	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	6.12	0.012	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	1.11	0.0091	0.0099	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.798	0.026	0.0099	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.176	0.023	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	1.78	0.025	0.0099	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.604	0.013	0.0099	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	2.32	0.022	0.0099	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	4.85	0.024	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.034	0.012	0.0099	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	13.1	0.019	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'56'-HexaCB-(154)	ng/g	0.252	0.010	0.0099	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.114	0.0068	0.0099	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	1.60	0.011	0.020	0.0000300	0.0000480	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	1.22	0.016	0.0099	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0294	0.0093	0.0099	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0412	0.0090	0.0099	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.782	0.018	0.0099	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.568	0.011	0.0099	0.0000300	0.0000170	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.011	0.011	0.0099	0.0300	0.000330	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	1.10	0.030	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.371	0.039	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.229	0.040	0.0099	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.818	0.037	0.0099	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.050	0.022	0.0099	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.101	0.016	0.0099	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.825	0.040	0.0099	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.450	0.023	0.0099	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.530	0.017	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	2.69	0.029	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.037	0.037	0.0099	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.507	0.028	0.0099	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.067 (1)	0.067	0.0099	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.053	0.053	0.0099	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	2.23	0.020	0.0099	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0572	0.0064	0.0099	0.0000300	0.00000172	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.234	0.030	0.0099	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.054	0.029	0.0099	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.320	0.030	0.0099	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.080 (1)	0.080	0.0099	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.152	0.035	0.0099	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.351	0.037	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.050	0.026	0.0099	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.117	0.024	0.0099	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.215	0.032	0.0099	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.030	0.030	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.055	0.032	0.0099	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.049	0.049	0.0099	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00414	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ544						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C38 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'6-HeptaCB-(178)	%	107	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	177 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	113	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	77	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	45	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	50	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	39	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	37	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	36	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	56	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	39	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6095733

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.0041	0.0035	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0149	0.0032	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.0080	0.0036	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0082	0.0056	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.033	0.017	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.042	0.012	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.178	0.0096	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.465	0.0028	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0554	0.0030	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0905	0.0030	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0434	0.0029	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.106	0.0029	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0205	0.0087	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.585	0.0028	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0323	0.0078	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0479	0.0049	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.461	0.0066	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.558	0.0083	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0691	0.0078	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	2.56	0.0060	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0343	0.0068	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.162	0.0064	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	2.07	0.0060	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0489	0.0065	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	5.31	0.0060	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.517	0.0056	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	0.0058	0.0054	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.155	0.0047	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.411	0.0054	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.69	0.0052	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.138	0.0051	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	1.12	0.0053	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	2.26	0.0052	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	<0.027 (1)	0.027	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0435	0.0048	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0563	0.0050	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.154	0.0069	0.010	0.000100	0.0000154	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0465	0.0047	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0067	0.0067	0.010	0.000300	0.00000201	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.668	0.015	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	10.3	0.013	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	1.38	0.015	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.97	0.0099	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	6.26	0.011	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	1.36	0.013	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	15.7	0.011	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	2.97	0.013	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.169	0.013	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.028	0.013	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	6.38	0.012	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0047	0.0031	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.102	0.012	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	3.29	0.0075	0.010	0.0000300	0.0000987	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.511	0.0049	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.201	0.0058	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	15.1	0.010	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.154	0.0073	0.010	0.0000300	0.00000462	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	9.51	0.0073	0.010	0.0000300	0.000285	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0140	0.0087	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0488	0.0063	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0829	0.0079	0.010	0.0000300	0.00000249	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0185	0.0069	0.010	0.100	0.00185	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	1.28	0.012	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	10.7	0.013	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.532	0.016	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.050	0.017	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	1.24	0.016	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.153	0.015	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.185	0.017	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	2.62	0.0094	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.349	0.0069	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.459	0.015	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.084	0.013	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.735	0.015	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.258	0.0095	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.40	0.013	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	2.47	0.014	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0142	0.0094	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0084	0.0071	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	8.30	0.011	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.107	0.0080	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0131	0.0052	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.947	0.0096	0.020	0.0000300	0.0000284	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.674	0.0097	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0163	0.0080	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0363	0.0078	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.337	0.010	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.379	0.0092	0.010	0.0000300	0.0000114	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0097	0.0097	0.010	0.0300	0.000291	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.620	0.0069	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.242	0.0091	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.123	0.0093	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.323	0.0087	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.027	0.018	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.058	0.013	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.605	0.0094	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.307	0.019	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.277	0.013	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	1.94	0.0068	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.333	0.0066	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.015	0.013	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.63	0.016	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0368	0.0074	0.010	0.0000300	0.00000110	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.169	0.0069	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0331	0.0068	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.211	0.024	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.065	0.025	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.101	0.025	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.234	0.026	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.041	0.018	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.108	0.017	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.164	0.023	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.038	0.017	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00259	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	92	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	102	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	131	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	112	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	55	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	60	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	49	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	46	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	60	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	74	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ545						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C39 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.0212	0.0026	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.0146	0.0026	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.016	0.015	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.072	0.014	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.056	0.014	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	0.184	0.014	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	<0.0085 (1)	0.0085	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	<0.011	0.011	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.0169	0.0049	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.145	0.0047	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	0.032	0.012	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.0763	0.0048	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	<0.0063	0.0063	0.010	0.000100	0.000000630	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0061	0.0061	0.010	0.000300	0.00000183	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	0.348	0.011	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	<0.037 (1)	0.037	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.0674	0.0083	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.173	0.0089	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.044	0.011	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	0.550	0.0092	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.117	0.011	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.011	0.011	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	0.361	0.010	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	0.141	0.0077	0.010	0.0000300	0.00000423	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.0160	0.0051	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	0.463	0.0086	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	<0.0075	0.0075	0.010	0.0000300	0.000000225	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	0.353	0.0075	0.010	0.0000300	0.0000106	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	<0.0081	0.0081	0.010	0.0000300	0.000000243	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0071	0.0071	0.010	0.100	0.000710	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.058	0.015	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	0.428	0.017	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.040	0.020	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.182	0.012	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.036	0.018	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	0.059	0.016	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	0.088	0.018	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	0.323	0.014	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.0411	0.0061	0.020	0.0000300	0.00000123	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.022	0.012	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.0184	0.0058	0.010	0.0000300	0.000000552	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0061	0.0061	0.010	0.0300	0.000183	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	<0.031	0.031	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.079	0.023	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.089	0.024	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	<0.0068	0.0068	0.010	0.0000300	0.000000204	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	<0.030	0.030	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000913	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	124	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	117	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	45	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	50	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	39	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	36	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	49	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	56	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ546						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C40 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0169	0.0056	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0293	0.0059	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.105	0.0051	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0775	0.0042	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.383	0.0012	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0731	0.0013	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0627	0.0013	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0427	0.0012	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0874	0.0012	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0171	0.0037	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.369	0.0012	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0546	0.0034	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	0.0038	0.0013	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0263	0.0019	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0043	0.0012	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.525	0.0023	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.551	0.0030	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0729	0.0031	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	1.71	0.0021	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0548	0.0024	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0102	0.0027	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.248	0.0023	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	1.79	0.0020	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0624	0.0022	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	4.77	0.0024	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.514	0.0021	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.131	0.0017	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.291	0.0020	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.47	0.0019	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.125	0.0019	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	1.00	0.0018	0.010	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	1.45	0.0019	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0268	0.0018	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0315	0.0018	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0457	0.0019	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0920	0.0024	0.010	0.000100	0.00000920	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0332	0.0017	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0060	0.0024	0.010	0.000300	0.00000180	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.340	0.0022	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	6.18	0.0020	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.658	0.0021	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.24	0.0015	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.28	0.0016	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.760	0.0019	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	0.0063	0.0021	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	8.18	0.0016	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	1.49	0.0020	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0864	0.0019	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0150	0.0020	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	3.14	0.0018	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0067	0.0014	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0604	0.0018	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	2.45	0.0022	0.010	0.0000300	0.0000735	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.495	0.0016	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.191	0.0018	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	7.47	0.0015	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0057	0.0014	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.134	0.0022	0.010	0.0000300	0.00000402	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	7.08	0.0022	0.010	0.0000300	0.000212	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0085	0.0013	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0425	0.0021	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0959	0.0023	0.010	0.0000300	0.00000288	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0097	0.0021	0.010	0.100	0.000970	N/A	6095733
33'455'-PentaCB-(127)	ng/g	0.0055	0.0019	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	1.17	0.0029	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	11.2	0.0031	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.469	0.0038	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0470	0.0042	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	1.34	0.0037	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.200	0.0035	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.211	0.0039	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	1.78	0.0051	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.283	0.0038	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.463	0.0037	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.105	0.0031	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.750	0.0033	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.196	0.0052	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.65	0.0030	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	4.25	0.0032	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.0073 (1)	0.0073	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0062	0.0039	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	10.6	0.0026	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.112	0.0044	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0079	0.0031	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.750	0.0024	0.020	0.0000300	0.0000225	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.662	0.0023	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0154	0.0021	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0341	0.0021	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.306	0.0023	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0100	0.0027	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.283	0.0023	0.010	0.0000300	0.00000849	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	0.0077	0.0024	0.010	0.0300	0.000231	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.689	0.0032	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.190	0.0042	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.146	0.0044	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.380	0.0038	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0225	0.0035	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0408	0.0026	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.468	0.0044	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.347	0.0036	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.220	0.0026	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	1.99	0.0032	0.020	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	0.0140	0.0040	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0070	0.0033	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.316	0.0035	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0102	0.0024	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.323	0.0047	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.99	0.0033	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0270	0.0040	0.010	0.0000300	0.000000810	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.149	0.0032	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0313	0.0032	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.242	0.0034	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0735	0.0037	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.114	0.0043	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0123	0.0032	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.299	0.0043	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0138	0.0030	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0239	0.0031	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.108	0.0030	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.174	0.0040	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0141	0.0033	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0536	0.0034	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	0.0092	0.0029	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.0190	0.0035	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	0.0175	0.0058	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00154	N/A	N/A

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	76	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	66	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	44	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	55	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	66	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	61	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0058 (1)	0.0058	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.00640	0.00052	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0135	0.00045	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00376	0.00053	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00052	0.00052	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0035 (1)	0.0035	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0258	0.0021	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0949	0.0018	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0749	0.0015	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.344	0.00049	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0657	0.00054	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0568	0.00055	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0400	0.00051	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0788	0.00051	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0152	0.0013	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.331	0.00049	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0495	0.0012	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	0.00292	0.00054	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0237	0.00079	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.00442	0.00049	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.446	0.0013	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.455	0.0017	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0592	0.0018	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	1.47	0.0012	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0468	0.0013	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0091	0.0015	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.218	0.0013	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	1.55	0.0011	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0525	0.0013	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	4.06	0.0014	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.448	0.00084	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.116	0.00094	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.255	0.00080	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.01	0.00078	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.110	0.00076	0.010	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.848	0.0010	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	1.27	0.00077	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0255	0.00074	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0263	0.00073	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0418	0.00075	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0853	0.00098	0.010	0.000100	0.00000853	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0283	0.00070	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.00534	0.00096	0.010	0.000300	0.00000160	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.289	0.0014	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	5.40	0.0013	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.557	0.0014	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.12	0.00098	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.88	0.0010	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.642	0.0012	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	0.0054	0.0013	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	7.06	0.0010	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	1.29	0.0013	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0695	0.0012	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0126	0.0013	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	2.69	0.0012	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0049	0.0012	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0492	0.0012	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	2.28	0.00092	0.010	0.0000300	0.0000684	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.458	0.00068	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.175	0.00077	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	6.56	0.00099	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.00601	0.00088	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.118	0.00090	0.010	0.0000300	0.00000354	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	6.61	0.00090	0.010	0.0000300	0.000198	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.00612	0.00087	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0369	0.00086	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0904	0.00097	0.010	0.0000300	0.00000271	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.00989	0.00086	0.010	0.100	0.000989	N/A	6095733
33'455'-PentaCB-(127)	ng/g	0.00422	0.00078	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	1.06	0.0012	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	9.89	0.0012	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.414	0.0015	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0420	0.0017	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	1.18	0.0015	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.173	0.0014	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.185	0.0015	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	1.47	0.0022	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.219	0.0016	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.436	0.0015	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0875	0.0012	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.672	0.0013	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.151	0.0022	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.46	0.0012	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	3.70	0.0013	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0066	0.0021	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0043	0.0017	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	0.0022	0.0015	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	9.23	0.0010	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.0868	0.0019	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0070	0.0013	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.685	0.00089	0.020	0.0000300	0.0000206	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.594	0.00093	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0140	0.00078	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0243	0.00077	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.261	0.00090	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0086	0.0011	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.243	0.00085	0.010	0.0000300	0.00000729	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	0.00773	0.00090	0.010	0.0300	0.000232	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.607	0.0016	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.169	0.0021	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.143	0.0022	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.336	0.0019	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0202	0.0014	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0337	0.0011	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.395	0.0022	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.292	0.0015	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.168	0.0011	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	1.91	0.0016	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	0.0100	0.0020	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0056	0.0014	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.281	0.0018	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0077	0.0010	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.282	0.0024	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.77	0.0013	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	0.0027	0.0011	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0251	0.0013	0.010	0.0000300	0.000000753	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.139	0.0016	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0290	0.0016	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.210	0.0019	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0668	0.0020	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.104	0.0022	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0103	0.0017	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.270	0.0022	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0118	0.0016	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0209	0.0016	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.0904	0.0015	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.157	0.0021	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0105	0.0018	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0427	0.0025	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.0070	0.0021	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.0171	0.0026	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	0.0150	0.0028	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00153	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	137	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	120	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	103	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	116	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	79	N/A	N/A	N/A	N/A	N/A	6095733

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Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ547						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C41 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00061	0.00061	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0042	0.0037	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0073	0.0023	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0187	0.0019	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.0883	0.00087	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.0121	0.00090	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.00983	0.00093	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00400	0.00089	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0109	0.00089	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0711	0.00086	0.010	N/A	N/A	N/A	6120687
24'6-TriCB-(32)	ng/g	0.0034	0.0016	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0058	0.0015	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0487	0.0029	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0515	0.0034	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0069	0.0041	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.339	0.0026	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0089	0.0030	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0212	0.0029	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.280	0.0025	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0091	0.0028	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.866	0.0029	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0581	0.0019	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0207	0.0021	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0726	0.0019	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.687	0.0018	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0313	0.0018	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.136	0.0022	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.324	0.0017	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0023	0.0016	0.010	N/A	N/A	N/A	6120687
23'45'-TetraCB-(68)	ng/g	0.0090	0.0017	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0101	0.0018	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0208	0.0025	0.010	0.000100	0.00000208	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0060	0.0016	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.010	0.000300	0.000000720	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0366	0.0039	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.20	0.0033	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.0968	0.0038	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.233	0.0027	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.515	0.0028	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.106	0.0034	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	1.60	0.0029	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.335	0.0035	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0178	0.0034	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.536	0.0034	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0097	0.0031	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.565	0.0021	0.010	0.0000300	0.0000170	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.125	0.0016	0.010	N/A	N/A	N/A	6120687

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0398	0.0016	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	1.28	0.0027	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0323	0.0020	0.010	0.0000300	0.000000969	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	1.65	0.0020	0.010	0.0000300	0.0000495	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0068	0.0018	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0280	0.0022	0.010	0.0000300	0.000000840	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0048	0.0019	0.010	0.100	0.000480	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.238	0.0052	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	2.40	0.0055	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.100	0.0068	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0091	0.0072	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.205	0.0065	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0551	0.0063	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0634	0.0068	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.541	0.0062	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.0578	0.0046	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.113	0.0064	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0234	0.0055	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.156	0.0058	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0390	0.0061	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.424	0.0055	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.862	0.0054	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	2.40	0.0046	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0295	0.0051	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.187	0.0047	0.020	0.0000300	0.00000561	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.133	0.0041	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0085	0.0036	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0563	0.0041	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0872	0.0045	0.010	0.0000300	0.00000262	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.010	0.0300	0.000141	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.144	0.0059	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0460	0.0076	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0318	0.0081	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.0760	0.0072	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0098	0.0040	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.101	0.0077	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.103	0.0055	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0688	0.0039	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.374	0.0056	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.101	0.0075	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.0533	0.0074	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.463	0.0049	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0088	0.0074	0.010	0.0000300	0.000000264	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0335	0.0060	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0065	0.0057	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0330	0.0047	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0130	0.0049	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0236	0.0076	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0502	0.0075	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0072	0.0053	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0255	0.0051	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0348	0.0068	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000701	N/A	N/A

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	124	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	233 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	182 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	112	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	74	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	74	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	28	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ548						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C42 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	64	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	43	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	66	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	0.0211	0.0054	0.0099	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.0079	0.0029	0.0099	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0418	0.0027	0.0099	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.0211	0.0031	0.0099	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	0.0036	0.0029	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0157	0.0047	0.0099	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.054	0.017	0.0099	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.100	0.012	0.0099	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.167	0.0098	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.599	0.0049	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0868	0.0052	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.111	0.0052	0.0099	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0440	0.0050	0.0099	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.109	0.0049	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0222	0.0089	0.0099	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.603	0.0048	0.0099	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0565	0.0080	0.0099	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0687	0.0085	0.0099	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.392	0.0089	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.510	0.011	0.0099	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.073	0.011	0.0099	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	2.37	0.0082	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0558	0.0092	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.187	0.0087	0.0099	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	2.31	0.0081	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0509	0.0088	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	5.56	0.0082	0.0099	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.488	0.0077	0.0099	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.184	0.0064	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.391	0.0074	0.0099	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	5.17	0.0071	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.164	0.0071	0.0099	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	1.15	0.0073	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	2.83	0.0072	0.0099	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0334	0.0067	0.0099	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0387	0.0066	0.0099	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0660	0.0069	0.0099	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.182	0.0095	0.0099	0.000100	0.0000182	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0540	0.0064	0.0099	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0092	0.0092	0.0099	0.000300	0.00000276	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.412	0.020	0.0099	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	9.56	0.018	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	1.10	0.020	0.0099	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.82	0.014	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	5.14	0.015	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	1.07	0.018	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	14.1	0.015	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	2.40	0.018	0.0099	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.132	0.018	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	5.63	0.017	0.0099	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.093	0.016	0.0099	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	3.34	0.0099	0.0099	0.0000300	0.000100	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.531	0.0066	0.0099	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.188	0.0078	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	12.0	0.014	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.176	0.0096	0.0099	0.0000300	0.00000528	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	9.31	0.0097	0.0099	0.0000300	0.000279	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0483	0.0084	0.0099	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.097	0.010	0.0099	0.0000300	0.00000291	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.016 (1)	0.016	0.0099	0.100	0.00160	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	1.14	0.019	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	9.38	0.021	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.497	0.024	0.0099	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.057	0.026	0.0099	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	1.07	0.024	0.0099	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.138	0.023	0.0099	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.179	0.026	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	2.35	0.011	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.386	0.0081	0.0099	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.422	0.023	0.0099	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.089	0.020	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.747	0.023	0.0099	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.277	0.011	0.0099	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	1.23	0.019	0.0099	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	2.09	0.022	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	7.45	0.017	0.0099	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.120	0.0093	0.0099	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.929	0.014	0.020	0.0000300	0.0000279	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.668	0.015	0.0099	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.034	0.012	0.0099	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.276	0.016	0.0099	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.348	0.014	0.0099	0.0000300	0.0000104	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.015	0.015	0.0099	0.0300	0.000450	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.547	0.012	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.243	0.016	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.119	0.016	0.0099	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.318	0.015	0.0099	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.051 (1)	0.051	0.0099	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.486	0.016	0.0099	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.228	0.021	0.0099	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.262	0.015	0.0099	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	1.58	0.012	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.331	0.011	0.0099	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.28	0.018	0.0099	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0311	0.0076	0.0099	0.0000300	0.000000933	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.131	0.012	0.0099	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.032	0.012	0.0099	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.182	0.019	0.0099	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.046	0.020	0.0099	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.086	0.031	0.0099	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.178	0.032	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.031	0.023	0.0099	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.076	0.021	0.0099	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.127	0.029	0.0099	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.043	0.043	0.0099	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00250	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	115	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	103	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	159 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	51	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	56	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	50	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	48	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	49	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ549						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C43 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.00486	0.00078	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00505	0.00092	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00092	0.00092	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0110	0.0032	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0248	0.0027	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0916	0.0022	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.285	0.0014	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0207	0.0016	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0391	0.0016	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0212	0.0015	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0641	0.0015	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0090	0.0020	0.010	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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N/A = Not Applicable
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.260	0.0014	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0090	0.0018	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	0.0031	0.0016	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0095	0.0023	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0031	0.0014	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.111	0.0031	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.162	0.0041	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0318	0.0043	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.827	0.0029	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0158	0.0032	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.0368	0.0031	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.494	0.0027	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0212	0.0031	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	2.00	0.0033	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.117	0.0017	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	0.0028	0.0017	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0489	0.0023	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.130	0.0017	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.33	0.0016	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0486	0.0016	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.246	0.0025	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.568	0.0016	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0090	0.0015	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0302	0.0015	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0194	0.0015	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0464	0.0020	0.010	0.000100	0.00000464	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0183	0.0015	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	0.0019	0.0014	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0027	0.0020	0.010	0.000300	0.000000810	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.109	0.0031	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	2.43	0.0027	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.239	0.0030	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.531	0.0021	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.16	0.0022	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.209	0.0026	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	3.37	0.0022	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.678	0.0028	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0358	0.0027	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0048	0.0028	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	1.55	0.0026	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0198	0.0025	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	1.02	0.0021	0.010	0.0000300	0.0000306	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.220	0.0015	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.0843	0.0017	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	2.58	0.0021	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0051	0.0019	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0530	0.0020	0.010	0.0000300	0.00000159	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	3.04	0.0020	0.010	0.0000300	0.0000912	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0076	0.0019	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	0.0052	0.0019	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0210	0.0020	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0533	0.0022	0.010	0.0000300	0.00000160	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0129	0.0019	0.010	0.100	0.00129	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.537	0.0038	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	4.96	0.0041	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.253	0.0050	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0222	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.479	0.0049	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.0969	0.0046	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.132	0.0051	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	1.15	0.0027	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.145	0.0020	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.196	0.0049	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0473	0.0041	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.260	0.0043	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.106	0.0027	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	0.836	0.0040	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	2.56	0.0042	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0106	0.0026	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0039	0.0020	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	5.08	0.0034	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.0640	0.0023	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0152	0.0016	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.331	0.0036	0.020	0.0000300	0.00000993	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.280	0.0031	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0074 (1)	0.0074	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0212	0.0031	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.112	0.0030	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0045	0.0036	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.150	0.0034	0.010	0.0000300	0.00000450	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.010	0.0300	0.000108	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.220	0.0030	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.102	0.0040	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.0500	0.0042	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.146	0.0036	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0182	0.0052	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0298	0.0039	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.290	0.0043	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.181	0.0054	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.165	0.0039	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	0.765	0.0031	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.130	0.0034	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0156	0.0037	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.209	0.0046	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.954	0.0050	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0160	0.0040	0.010	0.0000300	0.000000480	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.0596	0.0031	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0117	0.0031	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.0631	0.0040	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.0312	0.0058	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0045	0.0043	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.0800	0.0058	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0054	0.0040	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0194	0.0042	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.0538	0.0040	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.0535	0.0054	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.0048 (1)	0.0048	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0184	0.0057	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00154	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	120	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	121	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	130	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	25 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ550						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.0114	0.00070	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0374	0.00060	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00653	0.00071	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0142	0.0010	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.086	0.019	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.325	0.016	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.259	0.013	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	2.36	0.0017	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.323	0.0018	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.325	0.0018	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.177	0.0017	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.336	0.0017	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.056	0.012	0.010	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	1.78	0.0017	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.261	0.011	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	0.0115	0.0018	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	0.0056	0.0018	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.162	0.0026	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	0.0031	0.0018	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0231	0.0016	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	1.85	0.0030	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	1.61	0.0039	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.206	0.0041	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	5.61	0.0028	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.172	0.0031	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0315	0.0036	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.883	0.0030	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	5.48	0.0026	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.192	0.0029	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	14.8	0.0032	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0083 (1)	0.0083	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	1.84	0.0022	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	0.0280	0.0021	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.486	0.0022	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	1.50	0.0021	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	14.9	0.0020	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.480	0.0020	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	3.79	0.0024	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	8.58	0.0020	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0818	0.0019	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0880	0.0019	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.147	0.0019	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.481	0.0025	0.010	0.000100	0.0000481	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.116	0.0018	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0187	0.0025	0.010	0.000300	0.00000561	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.972	0.0035	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	19.0	0.0031	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	2.27	0.0033	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	4.02	0.0024	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	11.3	0.0025	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	2.66	0.0030	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	0.0263	0.0033	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	28.5	0.0025	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	4.62	0.0031	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.298	0.0030	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0526	0.0032	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	9.57	0.0029	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0175	0.0018	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.195	0.0028	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	8.46	0.0021	0.010	0.0000300	0.000254	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	1.51	0.0016	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.646	0.0018	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	25.4	0.0024	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0167	0.0021	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.482	0.0021	0.010	0.0000300	0.0000145	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	24.7	0.0021	0.010	0.0000300	0.000741	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0159	0.0021	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.135	0.0020	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.313	0.0022	0.010	0.0000300	0.00000939	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0319	0.0020	0.010	0.100	0.00319	N/A	6095733
33'455'-PentaCB-(127)	ng/g	0.0179	0.0018	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	3.02	0.0043	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	22.5	0.0046	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	1.11	0.0057	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.148	0.0061	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	3.95	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.324	0.0052	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.633	0.0058	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	4.66	0.0028	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.875	0.0021	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	1.00	0.0055	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.217	0.0046	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	2.00	0.0048	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.472	0.0028	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	3.04	0.0044	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	13.7	0.0047	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0167	0.0027	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0163	0.0021	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	0.0082	0.0019	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	17.9	0.0039	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.209	0.0024	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0049	0.0017	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	1.97	0.0043	0.020	0.0000300	0.0000591	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	1.55	0.0035	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0316	0.0038	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0686	0.0038	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.834	0.0034	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0070	0.0040	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.706	0.0042	0.010	0.0000300	0.0000212	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	0.0114	0.0044	0.010	0.0300	0.000342	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	1.06	0.0031	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.378	0.0041	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.262	0.0043	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.822	0.0037	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0427	0.0046	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.107	0.0035	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.905	0.0044	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.450	0.0049	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.550	0.0035	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	2.95	0.0032	0.020	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56-HeptaCB-(181)	ng/g	0.0205	0.0040	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0121	0.0045	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.337	0.0034	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.0053 (1)	0.0053	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.537	0.0047	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	2.60	0.0044	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0524	0.0044	0.010	0.0000300	0.00000157	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.274	0.0032	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0547	0.0031	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.366	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0904	0.0059	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.161	0.0047	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0178	0.0035	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.320	0.0047	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0304	0.0032	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0467	0.0034	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.120	0.0032	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.221	0.0043	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0153	0.0052	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0614	0.0061	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	0.0072	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.0162	0.0064	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00469	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	122	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	117	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	22 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	58	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	67	N/A	N/A	N/A	N/A	N/A	6095733

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ551						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	71	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0094 (1)	0.0094	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0043 (1)	0.0043	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0169	0.00069	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0134	0.0012	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0394	0.0039	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0600	0.0033	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.151	0.0028	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	1.01	0.00094	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0767	0.0010	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.115	0.0010	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0381	0.00098	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0891	0.00097	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0213	0.0024	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.882	0.00094	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0384	0.0022	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	0.0014	0.0010	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.109	0.0015	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.00785	0.00094	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.691	0.0025	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.457	0.0032	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.176	0.0034	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	1.93	0.0023	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0585	0.0026	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0163	0.0030	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.242	0.0024	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	3.36	0.0022	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0615	0.0024	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	12.4	0.0026	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.771	0.0025	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	0.0079	0.0024	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.168	0.0018	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	1.19	0.0024	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	9.25	0.0023	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.457	0.0023	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.651	0.0020	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	7.29	0.0023	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0481	0.0022	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.103	0.0022	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.146	0.0022	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.390	0.0029	0.010	0.000100	0.0000390	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0874	0.0021	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0115	0.0029	0.010	0.000300	0.00000345	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.539	0.0035	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	6.30	0.0031	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	1.23	0.0034	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	2.73	0.0024	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	10.1	0.0025	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	1.26	0.0030	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0065 (1)	0.0065	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	30.8	0.0026	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	4.71	0.0031	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.172	0.0030	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0332	0.0032	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	7.48	0.0029	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	0.0071	0.0014	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.210	0.0028	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	9.01	0.0028	0.010	0.0000300	0.000270	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	1.51	0.0020	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.582	0.0023	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	20.1	0.0024	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0172	0.0022	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.459	0.0027	0.010	0.0000300	0.0000138	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	26.0	0.0027	0.010	0.0000300	0.000780	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0174	0.0021	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.110	0.0026	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.315	0.0029	0.010	0.0000300	0.00000945	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0256	0.0026	0.010	0.100	0.00256	N/A	6095733
33'455'-PentaCB-(127)	ng/g	0.0147	0.0023	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	3.42	0.0044	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	26.0	0.0048	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	1.31	0.0058	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.181	0.0063	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	3.04	0.0056	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.379	0.0053	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.677	0.0059	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	5.74	0.0045	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.867	0.0034	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	1.20	0.0057	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.173	0.0047	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	1.96	0.0050	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.585	0.0046	0.010	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	3.41	0.0046	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	16.6	0.0048	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0240	0.0045	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0232	0.0034	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	0.0074	0.0030	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	19.5	0.0040	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.271	0.0039	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0045	0.0027	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	2.02	0.0055	0.020	0.0000300	0.0000606	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	1.92	0.0036	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0419	0.0049	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0801	0.0048	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.913	0.0035	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0084	0.0041	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.776	0.0053	0.010	0.0000300	0.0000233	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0084 (1)	0.0084	0.010	0.0300	0.000252	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	1.12	0.0042	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.466	0.0056	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.250	0.0058	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	1.03	0.0050	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0670	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.124	0.0040	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	1.09	0.0059	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.525	0.0056	0.010	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch
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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.694	0.0040	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	2.88	0.0043	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	0.0203	0.0054	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0161	0.0051	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.517	0.0047	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.663	0.0063	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	3.26	0.0051	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	0.0051	0.0041	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0474	0.0052	0.010	0.0000300	0.00000142	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.272	0.0043	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0624	0.0043	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.333	0.0070	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.117	0.0077	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.184	0.0054	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0273	0.0040	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.406	0.0054	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0349	0.0037	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0705	0.0039	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.148	0.0037	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.270	0.0050	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0175	0.0068	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0740	0.0086	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0201	0.0090	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00401	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	125	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	129	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	111	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	136	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	111	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	99	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	70	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	6095733

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ552						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00421	0.00084	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00083	0.00083	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0024	0.0012	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0070	0.0032	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0461	0.0023	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.178	0.00079	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0177	0.00087	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0220	0.00087	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.00623	0.00082	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0243	0.00082	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0048	0.0020	0.010	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.142	0.00079	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0115	0.0013	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.00264	0.00079	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.0996	0.0030	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.114	0.0039	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0266	0.0041	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.783	0.0028	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0117	0.0031	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0042	0.0036	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.0523	0.0030	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.471	0.0027	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0137	0.0030	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	2.05	0.0032	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.119	0.0023	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0415	0.0022	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.147	0.0022	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.38	0.0021	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0527	0.0021	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.233	0.0024	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.759	0.0021	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0087	0.0020	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0209	0.0020	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0215	0.0021	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0542	0.0027	0.010	0.000100	0.00000542	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0126	0.0019	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0029 (1)	0.0029	0.010	0.000300	0.000000870	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.0959	0.0050	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	4.06	0.0043	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.256	0.0047	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.868	0.0034	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.34	0.0035	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.277	0.0042	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	4.82	0.0036	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.923	0.0044	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0388	0.0043	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0070	0.0045	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	1.48	0.0041	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0262	0.0040	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	1.72	0.0018	0.010	0.0000300	0.0000516	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.297	0.0013	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.129	0.0015	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	3.09	0.0034	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0055	0.0030	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0954	0.0017	0.010	0.0000300	0.00000286	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	5.23	0.0017	0.010	0.0000300	0.000157	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0217	0.0016	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0880	0.0018	0.010	0.0000300	0.00000264	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0129	0.0016	0.010	0.100	0.00129	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0038 (1)	0.0038	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.927	0.0042	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	7.85	0.0045	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.380	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0256	0.0059	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.640	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.143	0.0050	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.145	0.0056	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	1.50	0.0043	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.140	0.0032	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.339	0.0054	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0839	0.0044	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.564	0.0047	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.111	0.0044	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	1.24	0.0043	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	2.99	0.0046	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0093	0.0043	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0049	0.0033	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	7.03	0.0037	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.0932	0.0037	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0106	0.0026	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.605	0.0039	0.020	0.0000300	0.0000182	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.503	0.0033	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0149	0.0034	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0251	0.0033	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.197	0.0032	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0064	0.0039	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.241	0.0037	0.010	0.0000300	0.00000723	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	0.0062	0.0039	0.010	0.0300	0.000186	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.516	0.0038	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.165	0.0050	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.131	0.0052	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.318	0.0045	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0295	0.0048	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0294	0.0036	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.497	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.286	0.0050	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.218	0.0036	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	1.57	0.0039	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	0.0092	0.0048	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0078	0.0046	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.269	0.0042	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0125	0.0034	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.264	0.0057	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	1.64	0.0046	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0315	0.0049	0.010	0.0000300	0.000000945	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.151	0.0039	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0291	0.0038	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.254	0.0069	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0817	0.0077	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.115	0.0072	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0166	0.0053	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.295	0.0072	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0129	0.0050	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0325	0.0052	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.0966	0.0050	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.179	0.0067	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0149	0.0068	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.0545	0.0075	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	0.0082	0.0065	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.0207	0.0078	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00172	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	110	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	103	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	85	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	57	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	60	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ553						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C48 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.00497	0.00070	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00525	0.00083	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0128	0.0040	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0160	0.0034	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0639	0.0028	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.281	0.0011	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0182	0.0012	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0353	0.0012	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0112	0.0012	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0365	0.0011	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0069	0.0025	0.010	N/A	N/A	N/A	6095733

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.222	0.0011	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0093	0.0023	0.010	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0158	0.0018	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0022	0.0011	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.142	0.0023	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.157	0.0030	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0268	0.0032	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	1.63	0.0022	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0153	0.0024	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0036	0.0028	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.0469	0.0023	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.931	0.0020	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0169	0.0023	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	4.44	0.0025	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.129	0.0014	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0632	0.0017	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.200	0.0014	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.95	0.0013	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0722	0.0013	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.313	0.0019	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.893	0.0013	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0099	0.0013	0.010	N/A	N/A	N/A	6095733
23'45'-TetraCB-(68)	ng/g	0.0282	0.0012	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0278	0.0013	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0686	0.0017	0.010	0.000100	0.00000686	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0199	0.0012	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	0.0013	0.0012	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	0.0019	0.0016	0.010	0.000300	0.000000570	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.135	0.0039	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	8.89	0.0034	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.281	0.0037	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	1.75	0.0027	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.04	0.0028	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.426	0.0033	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	8.19	0.0028	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	1.52	0.0035	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0545	0.0034	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	0.0042	0.0036	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	2.30	0.0032	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0324	0.0031	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	2.45	0.0020	0.010	0.0000300	0.0000735	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.383	0.0015	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.108	0.0017	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	4.27	0.0027	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	0.0112	0.0024	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.149	0.0019	0.010	0.0000300	0.00000447	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	7.29	0.0019	0.010	0.0000300	0.000219	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0103	0.0024	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	0.0215	0.0024	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0251	0.0019	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0681	0.0021	0.010	0.0000300	0.00000204	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0165	0.0019	0.010	0.100	0.00165	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	1.69	0.0038	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	17.5	0.0041	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.762	0.0051	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0312	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	1.00	0.0049	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.355	0.0046	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.150	0.0052	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	2.13	0.0043	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.209	0.0033	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.345	0.0050	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.122	0.0041	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.615	0.0043	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.208	0.0044	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	3.09	0.0040	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	4.87	0.0042	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0130	0.0043	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0060	0.0033	0.010	N/A	N/A	N/A	6095733
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	18.2	0.0035	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.184	0.0038	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0360	0.0026	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.922	0.0036	0.020	0.0000300	0.0000277	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.819	0.0031	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0394	0.0031	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.431	0.0030	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	0.0201	0.0036	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.262	0.0034	0.010	0.0000300	0.00000786	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0076 (1)	0.0076	0.010	0.0300	0.000228	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.997	0.0050	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.277	0.0067	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.220	0.0070	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.349	0.0060	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0397	0.0049	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0405	0.0037	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.796	0.0071	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.668	0.0052	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.226	0.0037	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	3.21	0.0052	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	0.0122	0.0064	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	0.0130	0.0048	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.556	0.0056	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0461	0.0035	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.615	0.0076	0.010	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	3.40	0.0047	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0399	0.0063	0.010	0.0000300	0.00000120	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.175	0.0051	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0349	0.0051	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	0.286	0.0071	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.0968	0.0079	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.257	0.0079	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	0.0149	0.0059	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.394	0.0080	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	0.0131	0.0055	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0262	0.0057	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	0.188	0.0055	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	0.0216	0.0069	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	0.085	0.020	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	0.036	0.021	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	0.091	0.011	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00222	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'455'66'-NonaCB-(208)	%	107	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	137	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	119	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	108	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	79	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	56	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	42	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	66	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ554						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	RT-C49 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	66	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	71	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00025	0.00025	0.0098	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0021 (1)	0.0021	0.0098	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.00040	0.00040	0.0098	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.00051 (1)	0.00051	0.0098	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.00036	0.00036	0.0098	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.00319	0.00032	0.0098	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.00088	0.00088	0.0098	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.00446	0.00035	0.0098	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.00036	0.00036	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	0.00128	0.00048	0.0098	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0038 (1)	0.0038	0.0098	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0053	0.0013	0.0098	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0150	0.00099	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.00085	0.00085	0.0098	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0755	0.00045	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00463	0.00049	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.00809	0.00050	0.0098	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00049	0.00049	0.0098	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.0098	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00162	0.00047	0.0098	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00435	0.00047	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	0.00138	0.00087	0.0098	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0759	0.00044	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.00250	0.00079	0.0098	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00048	0.00048	0.0098	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00065 (1)	0.00065	0.0098	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00331	0.00064	0.0098	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00092 (1)	0.00092	0.0098	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0145	0.00095	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0149	0.0012	0.0098	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	0.0025	0.0013	0.0098	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.113	0.00088	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	0.00280	0.00096	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.00766	0.00097	0.0098	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0767	0.00085	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	0.00295	0.00093	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.216	0.00092	0.0098	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00072	0.00072	0.0098	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0131	0.00068	0.0098	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.00801	0.00071	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0390	0.00071	0.0098	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.261	0.00067	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0120	0.00064	0.0098	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0493	0.00077	0.0098	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.137	0.00063	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.00098	0.00059	0.0098	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.00867	0.00063	0.0098	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.00384	0.00062	0.0098	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.00911	0.00076	0.0098	0.000100	0.000000911	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.00066	0.00066	0.0098	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.00255	0.00057	0.0098	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.00064 (1)	0.00064	0.0098	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.00077	0.00077	0.0098	0.000300	0.000000231	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0078	0.0012	0.0098	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.451	0.0011	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0228	0.0013	0.0098	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0895	0.00089	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.129	0.00093	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0294	0.0011	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.445	0.00095	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.0852	0.0011	0.0098	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0046	0.0011	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.144	0.0011	0.0098	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.00291	0.00096	0.0098	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.157	0.00063	0.0098	0.0000300	0.00000471	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.00056	0.00056	0.0098	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0505	0.00051	0.0098	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0150	0.00058	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.291	0.00091	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.00158	0.00083	0.0098	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.00870	0.00062	0.0098	0.0000300	0.000000261	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.513	0.00062	0.0098	0.0000300	0.0000154	N/A	6014276
23'455'-PentaCB-(120)	ng/g	0.00141	0.00079	0.0098	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.00089 (1)	0.00089	0.0098	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.00759	0.00070	0.0098	0.0000300	0.000000228	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.00208	0.00059	0.0098	0.100	0.000208	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.0862	0.0013	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.828	0.0014	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0348	0.0017	0.0098	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	0.0022	0.0018	0.0098	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0638	0.0016	0.0098	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0172	0.0015	0.0098	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0126	0.0016	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.155	0.0016	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0140	0.0011	0.0098	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0247	0.0016	0.0098	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0062	0.0014	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0451	0.0015	0.0098	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0097	0.0015	0.0098	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.170	0.0013	0.0098	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.381	0.0013	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.05	0.0012	0.0098	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0108	0.0014	0.0098	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0036	0.0010	0.0098	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0415	0.0011	0.020	0.0000300	0.00000125	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0356	0.0011	0.0098	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0018 (1)	0.0018	0.0098	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0038	0.0010	0.0098	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0243	0.0011	0.0098	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	0.0016	0.0012	0.0098	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0236	0.0011	0.0098	0.0000300	0.000000708	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0038 (1)	0.0038	0.0098	0.0300	0.000114	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0406 (2)	0.0036	0.049	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0179 (2)	0.0048	0.098	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0168 (2)	0.0052	0.049	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0432 (2)	0.0046	0.049	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0056 (2)	0.0056	0.049	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0043 (2)	0.0043	0.049	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0496 (2)	0.0049	0.049	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0425 (2)	0.0060	0.049	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0296 (2)	0.0040	0.049	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.163 (2)	0.0041	0.098	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0049 (2)	0.0049	0.049	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Results obtained from 5x dilution

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.0055 (1)	0.0055	0.049	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0518 (1)	0.0047	0.049	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0040 (1)	0.0040	0.049	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0048 (1)	0.0048	0.049	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0046 (1)	0.0046	0.049	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.230 (1)	0.0055	0.049	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0040 (1)	0.0040	0.049	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0042 (1)	0.0026	0.049	0.0000300	0.000000126	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0171 (1)	0.0037	0.049	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0038 (1)	0.0038	0.049	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0042 (1)	0.0042	0.049	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0147	0.0031	0.0098	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0043	0.0043	0.0098	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0125 (1)	0.0059	0.049	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0044 (1)	0.0044	0.049	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0335 (1)	0.0058	0.098	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0038 (1)	0.0038	0.049	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	0.0065 (1)	0.0039	0.049	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0180 (1)	0.0037	0.049	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0218 (1)	0.0057	0.049	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0040 (1)	0.0040	0.049	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0083	0.0083	0.0098	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0048	0.0048	0.0098	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000346	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	107	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	72	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	85	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	117	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	122	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	107	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ559						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C07 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.00094 (1)	0.00094	0.010	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.00253	0.00024	0.010	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.00568	0.00026	0.010	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.00027	0.00027	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.00088 (1)	0.00088	0.010	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0073	0.0016	0.010	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0057	0.0012	0.010	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0250	0.00091	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0725	0.00043	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00859	0.00047	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0128	0.00048	0.010	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00278	0.00045	0.010	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0126	0.00045	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0627	0.00042	0.010	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.00129	0.00072	0.010	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	0.00104	0.00046	0.010	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00184	0.00062	0.010	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0252	0.00090	0.030	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0308	0.0011	0.010	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	0.0078	0.0013	0.010	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.235	0.00083	0.030	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	0.00218	0.00091	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.00838	0.00092	0.010	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.172	0.00080	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	0.00118	0.00088	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.537	0.00087	0.010	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0269	0.00066	0.010	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	0.00308	0.00065	0.010	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0148	0.00067	0.030	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0465	0.00069	0.010	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.426	0.00065	0.040	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0234	0.00062	0.010	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0687	0.00072	0.010	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.148	0.00061	0.010	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.00240	0.00057	0.010	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0204	0.00061	0.010	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.00951	0.00061	0.010	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0112	0.00074	0.010	0.000100	0.00000112	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.00470	0.00055	0.010	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	0.00220	0.00057	0.010	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.00075	0.00075	0.010	0.000300	0.000000225	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0159	0.00092	0.010	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	1.08	0.00083	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0347	0.00096	0.010	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.216	0.00065	0.030	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.295	0.00068	0.060	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0556	0.00081	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	1.06	0.00069	0.030	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.224	0.00082	0.010	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00575	0.00081	0.040	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.301	0.00077	0.010	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.00616	0.00070	0.010	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.417	0.00058	0.010	0.0000300	0.0000125	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.144	0.00047	0.010	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0398	0.00054	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.631	0.00067	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	0.00475	0.00061	0.010	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0234	0.00058	0.010	0.0000300	0.000000702	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	1.36	0.00058	0.010	0.0000300	0.0000408	N/A	6014276
23'455'-PentaCB-(120)	ng/g	0.00314	0.00058	0.010	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	0.00444	0.00058	0.010	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0219	0.00065	0.010	0.0000300	0.000000657	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.00616	0.00054	0.010	0.100	0.000616	N/A	6014276
33'455'-PentaCB-(127)	ng/g	0.00374	0.00055	0.010	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.279	0.0011	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	2.78	0.0011	0.030	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0834	0.0013	0.010	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	0.0030	0.0014	0.010	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.121	0.0013	0.010	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0653	0.0012	0.010	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0280	0.0013	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.359	0.0015	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0205	0.0010	0.010	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.103	0.0013	0.010	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0198	0.0011	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.146	0.0012	0.010	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0190	0.0014	0.010	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.533	0.0010	0.010	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.623	0.0011	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	0.0034	0.0014	0.010	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	0.0012	0.0011	0.010	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	3.82	0.00094	0.010	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0329	0.0013	0.010	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.00888	0.00093	0.010	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.161	0.00084	0.020	0.0000300	0.00000483	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.111	0.00087	0.010	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	0.00463	0.00075	0.010	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.00979	0.00076	0.010	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0634	0.00090	0.010	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	0.00522	0.00094	0.010	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0874	0.00080	0.010	0.0000300	0.00000262	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	0.00639	0.00084	0.010	0.0300	0.000192	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.177	0.00085	0.010	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0531	0.0011	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0501	0.0012	0.010	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0798	0.0010	0.010	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	0.0073	0.0011	0.010	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.00545	0.00077	0.010	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0913	0.0011	0.010	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.142	0.0011	0.010	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0502	0.00074	0.010	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.695	0.00096	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	0.0032	0.0011	0.010	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	0.0039	0.0011	0.010	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.183	0.0010	0.010	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	0.00842	0.00075	0.010	N/A	N/A	N/A	6014276

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RDL = Reportable Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0257	0.00096	0.010	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.625	0.0011	0.010	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	0.00220	0.00089	0.010	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0100	0.0013	0.010	0.0000300	0.000000300	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0401	0.0010	0.010	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	0.0105	0.00093	0.010	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0600	0.0018	0.010	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0197	0.0018	0.010	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0342	0.0016	0.010	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	0.0054	0.0012	0.010	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.104	0.0016	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	0.00895	0.00096	0.010	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0439	0.0010	0.010	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0701	0.0016	0.010	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	0.0040	0.0014	0.010	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	0.0265	0.0027	0.010	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	0.0064	0.0023	0.010	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0092 (1)	0.0092	0.010	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000872	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	116	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	74	N/A	N/A	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	137	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	140	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	109	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	66	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00027	0.00027	0.0098	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00026	0.00026	0.0098	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.00093	0.00093	0.0098	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.00089 (1)	0.00089	0.0098	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.00292	0.00030	0.0098	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.00033	0.00033	0.0098	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.00441	0.00034	0.0098	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.00034	0.00034	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.00046	0.00046	0.0098	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0077	0.0017	0.0098	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0061	0.0012	0.0098	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0252	0.00092	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.00078	0.00078	0.0098	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0716	0.00037	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00829	0.00040	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0122	0.00041	0.0098	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00041	0.00041	0.0098	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.00076	0.00076	0.0098	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00266	0.00039	0.0098	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0127	0.00039	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0018 (1)	0.0018	0.0098	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.0632	0.00036	0.0098	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	0.00133	0.00073	0.0098	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	0.00093	0.00040	0.0098	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00039	0.00039	0.0098	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00034	0.00034	0.0098	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00195	0.00053	0.0098	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0012 (1)	0.0012	0.0098	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0242	0.0010	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0333	0.0012	0.0098	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	0.0094	0.0014	0.0098	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.242	0.00093	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	0.0025	0.0010	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0094	0.0010	0.0098	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.176	0.00090	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	0.00113	0.00099	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.576	0.00097	0.0098	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00056	0.00056	0.0098	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.00063 (1)	0.00063	0.0098	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0270	0.00058	0.0098	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	0.00216	0.00057	0.0098	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.00062	0.00062	0.0098	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0152	0.00075	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0456	0.00061	0.0098	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.416	0.00057	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0225	0.00054	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.0727	0.00081	0.0098	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.149	0.00054	0.0098	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	0.00164	0.00050	0.0098	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0227	0.00053	0.0098	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0117	0.00053	0.0098	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.00072	0.00072	0.0098	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0107	0.00065	0.0098	0.000100	0.00000107	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.00448	0.00048	0.0098	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	0.00277	0.00050	0.0098	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	0.00077	0.00066	0.0098	0.000300	0.000000231	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0170	0.0013	0.0098	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	1.08	0.0012	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0373	0.0013	0.0098	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.207	0.00092	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.299	0.00096	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0575	0.0011	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	1.09	0.00098	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.227	0.0012	0.0098	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0055	0.0011	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.320	0.0011	0.0098	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0064 (1)	0.0064	0.0098	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00047	0.00047	0.0098	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.405	0.00080	0.0098	0.0000300	0.0000122	N/A	6014276

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.00071	0.00071	0.0098	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.141	0.00065	0.0098	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0396	0.00074	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.641	0.00094	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.00521	0.00086	0.0098	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.00086	0.00086	0.0098	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0240	0.00079	0.0098	0.0000300	0.000000720	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	1.29	0.00080	0.0098	0.0000300	0.0000387	N/A	6014276
23'455'-PentaCB-(120)	ng/g	0.00338	0.00081	0.0098	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	0.00124	0.00086	0.0098	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	0.00486	0.00080	0.0098	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0220	0.00089	0.0098	0.0000300	0.000000660	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.00504	0.00075	0.0098	0.100	0.000504	N/A	6014276
33'455'-PentaCB-(127)	ng/g	0.00327	0.00075	0.0098	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.262	0.0011	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	2.61	0.0012	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0740	0.0014	0.0098	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	0.0037	0.0015	0.0098	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.118	0.0014	0.0098	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0634	0.0013	0.0098	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0276	0.0014	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.362	0.0012	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0223	0.00082	0.0098	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0975	0.0014	0.0098	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0213	0.0012	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.134	0.0013	0.0098	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0192	0.0011	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.00088	0.00088	0.0098	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.500	0.0011	0.0098	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.626	0.0011	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	0.0037	0.0011	0.0098	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	0.00122	0.00085	0.0098	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.0098	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	3.60	0.0010	0.0098	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0330	0.0010	0.0098	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.00835	0.00075	0.0098	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.155	0.0013	0.020	0.0000300	0.00000465	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.106	0.00093	0.0098	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	0.0046	0.0011	0.0098	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0090	0.0012	0.0098	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0638	0.00096	0.0098	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	0.0058	0.0010	0.0098	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0866	0.0012	0.0098	0.0000300	0.00000260	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	0.0075	0.0013	0.0098	0.0300	0.000225	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.164	0.0017	0.0098	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0483	0.0022	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0477	0.0025	0.0098	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0772	0.0021	0.0098	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	0.0071	0.0015	0.0098	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.0059	0.0011	0.0098	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0825	0.0022	0.0098	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.129	0.0016	0.0098	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0470	0.0011	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.673	0.0020	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	0.0035	0.0022	0.0098	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0040 (1)	0.0040	0.0098	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.183	0.0021	0.0098	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	0.0078	0.0011	0.0098	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	0.0083	0.0020	0.0098	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.563	0.0015	0.0098	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	0.0026	0.0013	0.0098	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0101	0.0016	0.0098	0.0000300	0.000000303	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0407	0.0021	0.0098	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	0.0076	0.0019	0.0098	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0622	0.0032	0.0098	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0232	0.0031	0.0098	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0354	0.0037	0.0098	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	0.0063	0.0027	0.0098	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0960	0.0036	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	0.0032	0.0020	0.0098	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	0.0080	0.0022	0.0098	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0404	0.0024	0.0098	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0663	0.0036	0.0098	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	0.0053	0.0024	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	0.0231	0.0035	0.0098	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	0.0066	0.0029	0.0098	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	0.0090	0.0034	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0088 (1)	0.0088	0.0098	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000790	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	139	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	125	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	138	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	138	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	111	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	74	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ560						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C08 HEPATO Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0039	0.0020	0.0099	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0056	0.0052	0.0099	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0046	0.0037	0.0099	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0176	0.0029	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0796	0.00093	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.0039	0.0010	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0092	0.0010	0.0099	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00136	0.00098	0.0099	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00571	0.00097	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0606	0.00091	0.0099	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0019	0.0013	0.0099	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0014 (1)	0.0014	0.0099	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0148	0.0029	0.030	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0202	0.0035	0.0099	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	0.0047	0.0040	0.0099	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.154	0.0026	0.030	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	<0.0074 (1)	0.0074	0.0099	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0890	0.0026	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.354	0.0028	0.0099	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0151	0.0014	0.0099	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0087	0.0021	0.030	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0401	0.0014	0.0099	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.307	0.0013	0.040	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0173	0.0013	0.0099	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0517	0.0023	0.0099	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.132	0.0012	0.0099	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0105	0.0012	0.0099	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0050	0.0012	0.0099	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0100	0.0015	0.0099	0.000100	0.00000100	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0049	0.0011	0.0099	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0015	0.0015	0.0099	0.000300	0.000000450	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0097	0.0030	0.0099	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.723	0.0027	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0298	0.0031	0.0099	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.141	0.0021	0.030	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.197	0.0022	0.060	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0392	0.0027	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.823	0.0023	0.030	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.161	0.0027	0.0099	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0049	0.0026	0.040	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.212	0.0025	0.0099	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.248	0.0014	0.0099	0.0000300	0.00000744	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0918	0.0012	0.0099	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0230	0.0013	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.407	0.0022	0.020	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	0.0034	0.0020	0.0099	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0149	0.0014	0.0099	0.0000300	0.000000447	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.837	0.0014	0.0099	0.0000300	0.0000251	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	0.0035	0.0014	0.0099	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0096	0.0016	0.0099	0.0000300	0.000000288	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0035 (1)	0.0035	0.0099	0.100	0.000350	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.148	0.0030	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	1.51	0.0031	0.030	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0631	0.0038	0.0099	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0909	0.0037	0.0099	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0386	0.0034	0.0099	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0122	0.0037	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.261	0.0041	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0174	0.0029	0.0099	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0510	0.0037	0.0099	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0096	0.0031	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0801	0.0033	0.0099	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0144	0.0040	0.0099	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.322	0.0030	0.0099	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.541	0.0030	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.92	0.0027	0.0099	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0190	0.0036	0.0099	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0057	0.0026	0.0099	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0817	0.0021	0.020	0.0000300	0.00000245	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0499	0.0025	0.0099	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0128	0.0019	0.0099	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0361	0.0026	0.0099	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0473	0.0020	0.0099	0.0000300	0.00000142	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0099	0.0300	0.0000630	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0776	0.0026	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0255	0.0034	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0259	0.0037	0.0099	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0530	0.0032	0.0099	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0768	0.0033	0.0099	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0717	0.0035	0.0099	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0375	0.0023	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.341	0.0029	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0880	0.0031	0.0099	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6014276

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.380	0.0033	0.0099	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0056	0.0015	0.0099	0.0000300	0.000000168	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0201	0.0032	0.0099	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	0.0049	0.0028	0.0099	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	<0.031 (1)	0.031	0.0099	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0210	0.0083	0.0099	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0600	0.0080	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	0.0062	0.0049	0.0099	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0324	0.0053	0.0099	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0350	0.0081	0.0099	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000452	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	129	N/A	N/A	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ561						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C09 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	126	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	75	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	107	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067	0.00067	0.0097	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.0097	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0097	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.0017	0.0014	0.0097	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0035	0.0016	0.0097	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0016	0.0016	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0044	0.0039	0.0097	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0029 (1)	0.0029	0.0097	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0127	0.0022	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0834	0.0011	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.0029	0.0012	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0083	0.0012	0.0097	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0033	0.0011	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0496	0.0011	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00099	0.00099	0.0097	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0029	0.0016	0.0097	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0097	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0101	0.0026	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0140	0.0031	0.0097	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.108	0.0024	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0046	0.0026	0.0097	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0669	0.0023	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.227	0.0025	0.0097	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0104	0.0017	0.0097	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0069	0.0019	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0410	0.0018	0.0097	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.245	0.0017	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0108	0.0016	0.0097	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0430	0.0021	0.0097	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.127	0.0016	0.0097	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0067	0.0016	0.0097	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0036	0.0016	0.0097	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0075	0.0019	0.0097	0.000100	0.000000750	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0020	0.0014	0.0097	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0097	0.000300	0.000000600	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0077	0.0045	0.0097	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.430	0.0041	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0175	0.0047	0.0097	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0916	0.0032	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.120	0.0034	0.058	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0251	0.0040	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.463	0.0034	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.0838	0.0040	0.0097	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0040	0.0040	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0045	0.0045	0.0097	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.128	0.0038	0.0097	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00095	0.00095	0.0097	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.162	0.0024	0.0097	0.0000300	0.00000486	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0459	0.0020	0.0097	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0121	0.0022	0.019	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.235	0.0033	0.019	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0108	0.0024	0.0097	0.0000300	0.000000324	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.477	0.0024	0.0097	0.0000300	0.0000143	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.0097	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0089	0.0027	0.0097	0.0000300	0.000000267	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0097	0.100	0.000230	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.0748	0.0051	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.868	0.0053	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0318	0.0064	0.0097	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0068	0.0068	0.0097	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0530	0.0062	0.0097	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0218	0.0057	0.0097	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	<0.0095 (1)	0.0095	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.140	0.0053	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0105	0.0037	0.0097	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0276	0.0062	0.0097	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	<0.0070 (1)	0.0070	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0449	0.0056	0.0097	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0060	0.0060	0.0097	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0090	0.0051	0.0097	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.161	0.0051	0.0097	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.262	0.0051	0.019	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0050	0.0050	0.0097	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.10	0.0045	0.0097	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	<0.0090 (1)	0.0090	0.0097	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0536	0.0028	0.019	0.0000300	0.00000161	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0343	0.0042	0.0097	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.0097	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0063	0.0025	0.0097	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0225	0.0043	0.0097	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0046	0.0046	0.0097	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0257	0.0027	0.0097	0.0000300	0.000000771	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0028	0.0028	0.0097	0.0300	0.0000840	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0485	0.0032	0.0097	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0163	0.0042	0.019	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0173	0.0046	0.0097	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0298	0.0039	0.0097	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0041	0.0041	0.0097	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0370	0.0041	0.0097	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0421	0.0044	0.0097	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0212	0.0029	0.0097	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.198	0.0037	0.019	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0041	0.0041	0.0097	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0530	0.0038	0.0097	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.203	0.0041	0.0097	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0057	0.0057	0.0097	0.0000300	0.000000171	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0154	0.0040	0.0097	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0218	0.0056	0.0097	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.0097	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0097	0.0097	0.0097	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.035	0.013	0.019	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0071	0.0071	0.0097	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0078	0.0078	0.0097	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0174	0.0083	0.0097	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	<0.013	0.013	0.0097	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0081	0.0081	0.0097	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0085	0.0085	0.0097	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0071	0.0071	0.0097	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0083	0.0083	0.0097	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.023	0.023	0.0097	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000338	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6014276

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	108	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	128	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	65	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	108	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	108	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ562						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C10 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00058	0.00058	0.0098	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00058	0.00058	0.0098	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0039	0.0023	0.0098	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0028	0.0023	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0602	0.0011	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0052	0.0013	0.0098	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0014	0.0012	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0360	0.0011	0.0098	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	<0.0033 (1)	0.0033	0.0098	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	<0.0030	0.0030	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0044	0.0036	0.0098	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.0457	0.0027	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0218	0.0026	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.0861	0.0029	0.0098	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	<0.0034 (1)	0.0034	0.0098	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0026	0.0022	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0320	0.0025	0.0098	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.161	0.0024	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0073	0.0023	0.0098	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0193	0.0024	0.0098	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.103	0.0022	0.0098	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0035	0.0022	0.0098	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0070	0.0027	0.0098	0.000100	0.000000700	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0098	0.000300	0.000000810	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.242	0.0028	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0076	0.0033	0.0098	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0498	0.0022	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0547	0.0023	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0097	0.0028	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.238	0.0024	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.0378	0.0028	0.0098	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.0467	0.0026	0.0098	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00079	0.00079	0.0098	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.121	0.0017	0.0098	0.0000300	0.00000363	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0312	0.0014	0.0098	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0069	0.0015	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.106	0.0023	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	<0.0072 (1)	0.0072	0.0098	0.0000300	0.000000216	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.328	0.0017	0.0098	0.0000300	0.00000984	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0042	0.0019	0.0098	0.0000300	0.000000126	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0098	0.100	0.000160	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.0659	0.0057	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.581	0.0059	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0205	0.0071	0.0098	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0075	0.0075	0.0098	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0229	0.0069	0.0098	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0143	0.0063	0.0098	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.0655	0.0052	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0264	0.0068	0.0098	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0223	0.0062	0.0098	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0066	0.0066	0.0098	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	<0.0051	0.0051	0.0098	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.108	0.0056	0.0098	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.149	0.0056	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0038	0.0038	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	0.668	0.0050	0.0098	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	<0.0045	0.0045	0.0098	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0361	0.0024	0.020	0.0000300	0.00000108	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0172	0.0046	0.0098	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.0098	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0081	0.0048	0.0098	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0195	0.0023	0.0098	0.0000300	0.000000585	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0098	0.0300	0.0000720	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0283	0.0050	0.0098	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0085	0.0065	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	<0.0072	0.0072	0.0098	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0150	0.0061	0.0098	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0223	0.0063	0.0098	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0255	0.0026	0.0098	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0115	0.0017	0.0098	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.114	0.0057	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0063	0.0063	0.0098	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0284	0.0060	0.0098	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0056	0.0056	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.120	0.0024	0.0098	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0035	0.0035	0.0098	0.0000300	0.000000105	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0077	0.0062	0.0098	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0059	0.0059	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	<0.011 (1)	0.011	0.0098	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0070	0.0070	0.0098	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.0092	0.0092	0.0098	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0068	0.0068	0.0098	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0158	0.0089	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0098	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0054	0.0054	0.0098	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0095	0.0058	0.0098	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0106	0.0089	0.0098	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0057	0.0057	0.0098	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0055	0.0055	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0084	0.0084	0.0098	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0070	0.0070	0.0098	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0082	0.0082	0.0098	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.013	0.013	0.0098	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000249	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	74	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ564						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C13 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	74	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	122	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	120	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6014276

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.0018	0.0014	0.0099	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0034	0.0016	0.0099	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0069	0.0042	0.0099	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0067	0.0029	0.0099	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0290	0.0023	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0960	0.0012	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.0043	0.0013	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0120	0.0014	0.0099	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.0023	0.0013	0.0099	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0098	0.0013	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0694	0.0012	0.0099	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0025	0.0018	0.0099	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0242	0.0024	0.030	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0362	0.0030	0.0099	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0078 (1)	0.0078	0.0099	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.275	0.0022	0.030	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0126	0.0025	0.0099	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.188	0.0021	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.647	0.0023	0.0099	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0221	0.0020	0.0099	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0175	0.0018	0.030	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0511	0.0021	0.0099	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.458	0.0019	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0230	0.0018	0.0099	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0843	0.0019	0.0099	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.167	0.0018	0.0099	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0194	0.0018	0.0099	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0101	0.0018	0.0099	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0116	0.0022	0.0099	0.000100	0.00000116	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0047	0.0016	0.0099	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0175	0.0042	0.0099	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.986	0.0037	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0518	0.0043	0.0099	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.213	0.0030	0.030	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.331	0.0031	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0732	0.0037	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	1.22	0.0031	0.030	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.252	0.0037	0.0099	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0067	0.0037	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.403	0.0035	0.0099	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.0087	0.0032	0.0099	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.305	0.0030	0.0099	0.0000300	0.00000915	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.121	0.0024	0.0099	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0369	0.0028	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.613	0.0030	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.0042	0.0028	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0218	0.0030	0.0099	0.0000300	0.000000654	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	1.09	0.0030	0.0099	0.0000300	0.0000327	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	0.0044	0.0030	0.0099	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0099	0.0033	0.0099	0.0000300	0.000000297	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.0045	0.0028	0.0099	0.100	0.000450	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.194	0.0032	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	2.10	0.0033	0.030	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0845	0.0039	0.0099	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.150	0.0038	0.0099	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0570	0.0035	0.0099	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0233	0.0038	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.417	0.0045	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0298	0.0031	0.0099	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0837	0.0038	0.0099	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0185	0.0032	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.124	0.0035	0.0099	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0252	0.0043	0.0099	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.441	0.0031	0.0099	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.791	0.0031	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	2.73	0.0028	0.0099	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0314	0.0039	0.0099	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0095	0.0028	0.0099	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.109	0.0035	0.020	0.0000300	0.00000327	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0836	0.0026	0.0099	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0176	0.0032	0.0099	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0466	0.0027	0.0099	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	0.0042	0.0028	0.0099	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0643	0.0034	0.0099	0.0000300	0.00000193	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.0099	0.0300	0.000105	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.106	0.0054	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0350	0.0069	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0394	0.0077	0.0099	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0886	0.0065	0.0099	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.0066	0.0029	0.0099	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.110	0.0068	0.0099	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.107	0.0043	0.0099	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0558	0.0028	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.472	0.0061	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.148	0.0064	0.0099	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	0.0083	0.0029	0.0099	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6014276

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.544	0.0040	0.0099	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0059 (1)	0.0059	0.0099	0.0000300	0.000000177	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0295	0.0066	0.0099	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	0.0075	0.0059	0.0099	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0404	0.0076	0.0099	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0143	0.0074	0.0099	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0248	0.0092	0.0099	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0783	0.0089	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0073 (1)	0.0073	0.0099	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0353	0.0059	0.0099	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0393	0.0090	0.0099	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000605	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	75	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	135	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	121	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ573						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C26 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	132	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.0029	0.0014	0.0099	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0039	0.0016	0.0099	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0043	0.0031	0.0099	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0040	0.0022	0.0099	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0169	0.0017	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0914	0.0015	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.0056	0.0016	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0146	0.0016	0.0099	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.0027	0.0015	0.0099	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0087	0.0015	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0683	0.0014	0.0099	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0167	0.0027	0.030	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0235	0.0032	0.0099	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	0.0046	0.0037	0.0099	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.173	0.0024	0.030	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0085	0.0027	0.0099	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.125	0.0024	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.386	0.0025	0.0099	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0161	0.0019	0.0099	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0130	0.0020	0.030	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0423	0.0020	0.0099	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.314	0.0018	0.040	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0144	0.0018	0.0099	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0579	0.0021	0.0099	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.141	0.0017	0.0099	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	0.0026	0.0016	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0132	0.0017	0.0099	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0061	0.0017	0.0099	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0081	0.0021	0.0099	0.000100	0.000000810	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0031	0.0016	0.0099	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0099	0.000300	0.000000630	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0115	0.0033	0.0099	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.612	0.0030	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0347	0.0035	0.0099	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.134	0.0024	0.030	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.191	0.0025	0.060	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0459	0.0030	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.698	0.0025	0.030	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.144	0.0030	0.0099	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0037	0.0029	0.040	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.272	0.0028	0.0099	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.0043	0.0026	0.0099	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.205	0.0021	0.0099	0.0000300	0.00000615	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0680	0.0017	0.0099	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0181	0.0020	0.020	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.377	0.0024	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.0026	0.0022	0.0099	N/A	N/A	N/A	6014276

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0138	0.0021	0.0099	0.0000300	0.000000414	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.662	0.0021	0.0099	0.0000300	0.0000199	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0068	0.0024	0.0099	0.0000300	0.000000204	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.0027	0.0020	0.0099	0.100	0.000270	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.107	0.0039	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	1.23	0.0041	0.030	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0539	0.0049	0.0099	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0902	0.0048	0.0099	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0374	0.0044	0.0099	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0134	0.0047	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.244	0.0039	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0168	0.0027	0.0099	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0464	0.0047	0.0099	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0116	0.0040	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0703	0.0043	0.0099	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0173	0.0037	0.0099	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.267	0.0039	0.0099	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.406	0.0039	0.020	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	1.55	0.0035	0.0099	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0159	0.0034	0.0099	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0067	0.0025	0.0099	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0669	0.0039	0.020	0.0000300	0.00000201	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0525	0.0032	0.0099	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0095	0.0035	0.0099	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0305	0.0033	0.0099	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0369	0.0037	0.0099	0.0000300	0.00000111	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.0099	0.0300	0.000117	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0696	0.0034	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0215	0.0044	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0234	0.0049	0.0099	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0480	0.0042	0.0099	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0684	0.0043	0.0099	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0673	0.0076	0.0099	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0303	0.0050	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.298	0.0039	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0838	0.0041	0.0099	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.331	0.0072	0.0099	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0071	0.0071	0.0099	0.0000300	0.000000213	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0191	0.0042	0.0099	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0320	0.0092	0.0099	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.048	0.014	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0219	0.0089	0.0099	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.023	0.014	0.0099	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000418	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	109	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	79	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ576						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C30 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'344'55'-HeptaCB-(180)	%	121	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	123	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00070	0.00070	0.0097	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.0097	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0038	0.0018	0.0097	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0018	0.0018	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0072	0.0072	0.0097	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0050	0.0050	0.0097	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0151	0.0040	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.105	0.0014	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0029 (1)	0.0029	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0097	0.0016	0.0097	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.0097	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.0016	0.0015	0.0097	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0056	0.0015	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0659	0.0014	0.0097	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.0097	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0033	0.0020	0.0097	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0111	0.0036	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0211	0.0044	0.0097	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0050	0.0050	0.0097	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.166	0.0033	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0063	0.0037	0.0097	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.112	0.0032	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.376	0.0035	0.0097	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0109	0.0017	0.0097	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0105	0.0027	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0525	0.0018	0.0097	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.359	0.0017	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0189	0.0016	0.0097	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0503	0.0029	0.0097	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.170	0.0016	0.0097	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0163	0.0016	0.0097	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0077	0.0016	0.0097	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0097	0.0019	0.0097	0.000100	0.000000970	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0043	0.0014	0.0097	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0097	0.000300	0.000000570	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0104	0.0041	0.0097	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.840	0.0037	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0290	0.0043	0.0097	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.146	0.0030	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.213	0.0031	0.058	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0357	0.0037	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.834	0.0031	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.169	0.0037	0.0097	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0053	0.0036	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.0097	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.228	0.0035	0.0097	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.0097	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0040 (1)	0.0040	0.0097	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0097	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.316	0.0032	0.0097	0.0000300	0.00000948	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0999	0.0026	0.0097	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0257	0.0029	0.019	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.414	0.0030	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	0.0044	0.0028	0.0097	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0182	0.0031	0.0097	0.0000300	0.000000546	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	1.00	0.0032	0.0097	0.0000300	0.0000300	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0124	0.0035	0.0097	0.0000300	0.000000372	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0052 (1)	0.0052	0.0097	0.100	0.000520	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.192	0.0057	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	1.88	0.0059	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0568	0.0071	0.0097	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0076	0.0076	0.0097	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0862	0.0069	0.0097	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0486	0.0064	0.0097	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0209	0.0069	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.279	0.0058	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0183	0.0040	0.0097	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0787	0.0069	0.0097	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0146	0.0058	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0951	0.0063	0.0097	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0067	0.0067	0.0097	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0189	0.0056	0.0097	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.381	0.0056	0.0097	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.424	0.0057	0.019	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0055	0.0055	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.0097	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	2.44	0.0050	0.0097	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0221	0.0050	0.0097	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0079	0.0037	0.0097	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.108	0.0044	0.019	0.0000300	0.00000324	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0741	0.0047	0.0097	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0039	0.0039	0.0097	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0056	0.0056	0.0097	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0107	0.0040	0.0097	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0342	0.0048	0.0097	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0051	0.0051	0.0097	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0571	0.0042	0.0097	0.0000300	0.00000171	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0044	0.0044	0.0097	0.0300	0.000132	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.102 (1)	0.0062	0.048	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0302 (1)	0.0090	0.097	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0321 (1)	0.0093	0.048	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0512 (1)	0.0090	0.048	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0091 (1)	0.0091	0.048	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0069 (1)	0.0069	0.048	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0634 (1)	0.0090	0.048	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0951 (1)	0.0096	0.048	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0395 (1)	0.0066	0.048	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.421 (1)	0.0069	0.097	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0088 (1)	0.0088	0.048	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0092 (1)	0.0092	0.048	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0964 (1)	0.0075	0.048	N/A	N/A	N/A	6014276

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(1) ** From 5X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0067 (1)	0.0067	0.048	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0092 (1)	0.0092	0.048	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0074 (1)	0.0074	0.048	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.421 (1)	0.0090	0.048	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0061 (1)	0.0061	0.048	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0099 (1)	0.0038	0.048	0.0000300	0.000000297	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0210 (1)	0.0067	0.048	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0069 (1)	0.0069	0.048	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0076 (1)	0.0076	0.048	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.027	0.012	0.0097	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.0097	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.021 (1)	0.021	0.048	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.015 (1)	0.015	0.048	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	<0.048 (2)	0.048	0.097	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.014 (1)	0.014	0.048	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.015 (1)	0.015	0.048	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.026 (1)	0.013	0.048	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.032 (1)	0.020	0.048	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.015 (1)	0.015	0.048	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0088	0.0088	0.0097	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.016	0.016	0.0097	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.0097	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.015	0.015	0.0097	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.030	0.030	0.0097	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000699	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) ** From 5X Dilution **
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

** From 5X Dilution **

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	118 (2)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	120	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	100 (2)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	115 (2)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	94 (2)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	75	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	109	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	137 (2)	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	107	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	106	N/A	N/A	N/A	N/A	N/A	6014276

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) ** From 5X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ579						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	102	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.0095	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.0095	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	0.0018	0.0016	0.0095	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0052	0.0019	0.0095	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0027	0.0013	0.0095	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0091	0.0011	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.00084	0.00084	0.0095	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0880	0.00085	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00266	0.00090	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0123	0.00094	0.0095	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.00087	0.00087	0.0095	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00147	0.00084	0.0095	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00636	0.00088	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.00091	0.00091	0.0095	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0667	0.00082	0.0095	N/A	N/A	N/A	6014276
24'6-TriCB-(32)	ng/g	<0.00082	0.00082	0.0095	N/A	N/A	N/A	6014276

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00076	0.00076	0.0095	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0035	0.0013	0.0095	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00089	0.00089	0.0095	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	0.00114	0.00086	0.0095	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	<0.0056 (1)	0.0056	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0133	0.0013	0.0095	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.110	0.0010	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0018 (1)	0.0018	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	<0.0018 (1)	0.0018	0.0095	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0807	0.00095	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.280	0.0011	0.0095	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00056	0.00056	0.0095	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.00049	0.00049	0.0095	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0110	0.00048	0.0095	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.00048	0.00048	0.0095	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.00660	0.00081	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0364	0.00050	0.0095	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.260	0.00047	0.038	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0117	0.00045	0.0095	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0440	0.00088	0.0095	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.124	0.00046	0.0095	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.0011 (1)	0.0011	0.0095	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00916	0.00045	0.0095	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.00474	0.00045	0.0095	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0014 (1)	0.0014	0.0095	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.00764	0.00057	0.0095	0.000100	0.000000764	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.00047	0.00047	0.0095	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.00293	0.00040	0.0095	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.00042	0.00042	0.0095	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.00084 (1)	0.00084	0.0095	0.000300	0.000000252	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.485	0.0015	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	<0.021 (1)	0.021	0.0095	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0965	0.0011	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.137	0.0011	0.057	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0327	0.0014	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.544	0.0012	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.111	0.0014	0.0095	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0037 (1)	0.0037	0.038	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.173	0.0013	0.0095	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00059	0.00059	0.0095	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.0035	0.0012	0.0095	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00036	0.00036	0.0095	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.154	0.0016	0.0095	0.0000300	0.00000462	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0547	0.0014	0.0095	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	<0.013 (1)	0.013	0.019	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.273	0.0011	0.019	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0014 (1)	0.0014	0.0095	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.00095	0.00095	0.0095	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0097	0.0016	0.0095	0.0000300	0.000000291	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.513	0.0016	0.0095	0.0000300	0.0000154	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.00097	0.00097	0.0095	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0046	0.0018	0.0095	0.0000300	0.000000138	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0018 (1)	0.0018	0.0095	0.100	0.000180	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.103	0.0017	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.964	0.0017	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0388	0.0020	0.0095	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0021	0.0021	0.0095	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0633	0.0020	0.0095	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0274	0.0018	0.0095	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0149	0.0020	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.205	0.00062	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0156	0.00043	0.0095	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0432	0.0024	0.0095	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0085	0.0017	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0556	0.0018	0.0095	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0143	0.00064	0.0095	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.00046	0.00046	0.0095	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.225	0.0018	0.0095	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.371	0.0017	0.019	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	0.00205	0.00061	0.0095	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	0.00086	0.00043	0.0095	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.16	0.0014	0.0095	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0144	0.00054	0.0095	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	<0.0030 (1)	0.0030	0.0095	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0474	0.0017	0.019	0.0000300	0.00000142	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0372	0.0013	0.0095	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0047	0.0014	0.0095	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0194	0.0012	0.0095	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0266	0.0016	0.0095	0.0000300	0.000000798	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0095	0.0300	0.0000510	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0471	0.0028	0.0095	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0159	0.0037	0.019	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0196	0.0040	0.0095	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0350	0.0033	0.0095	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.0031	0.0024	0.0095	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0491	0.0037	0.0095	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0563	0.0035	0.0095	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0264	0.0024	0.0095	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.198	0.0031	0.019	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.0095	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.0095	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0438	0.0025	0.0095	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0030 (1)	0.0030	0.0095	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0058	0.0058	0.0095	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0095	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.276	0.0034	0.0095	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0033	0.0023	0.0095	0.0000300	0.000000099	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0133	0.0031	0.0095	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.0095	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0095	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0179	0.0033	0.0095	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0052	0.0032	0.0095	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.0088	0.0088	0.0095	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0063	0.0063	0.0095	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0349	0.0083	0.019	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0095	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0054	0.0054	0.0095	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0161	0.0054	0.0095	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0196	0.0079	0.0095	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0055	0.0055	0.0095	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.0095	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0062	0.0062	0.0095	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052	0.0052	0.0095	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0061	0.0061	0.0095	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0081	0.0081	0.0095	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000255	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	141 (2)	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	127	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	120	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	109	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	133	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	120	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	117	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	76	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	98	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ582						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	83	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	112	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00067	0.00067	0.0097	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00069	0.00069	0.0097	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0034	0.0034	0.0097	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0040	0.0033	0.0097	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.0097	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0093	0.0026	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0492	0.00063	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0022 (1)	0.0022	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.00465	0.00070	0.0097	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00076	0.00076	0.0097	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.0097	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	<0.00097 (1)	0.00097	0.0097	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00269	0.00066	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0303	0.00061	0.0097	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00064	0.00064	0.0097	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.0097	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00056	0.00056	0.0097	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00163	0.00098	0.0097	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00066	0.00066	0.0097	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00063	0.00063	0.0097	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0089	0.0019	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0077	0.0023	0.0097	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.0860	0.0017	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0055	0.0019	0.0097	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0413	0.0017	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.165	0.0019	0.0097	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00088	0.00088	0.0097	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.00091	0.00091	0.0097	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.00685	0.00089	0.0097	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.00089	0.00089	0.0097	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.00089	0.00089	0.0097	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0060	0.0014	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0218	0.00092	0.0097	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.138	0.00088	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.00834	0.00083	0.0097	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0280	0.0015	0.0097	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.0753	0.00084	0.0097	N/A	N/A	N/A	6014276
23'45-TetraCB-(67)	ng/g	<0.00082	0.00082	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0045 (1)	0.0045	0.0097	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.00227	0.00083	0.0097	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0056	0.0010	0.0097	0.000100	0.000000560	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.00086	0.00086	0.0097	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.00158	0.00074	0.0097	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.00078	0.00078	0.0097	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0097	0.000300	0.000000330	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0057	0.0057	0.0097	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.456	0.0053	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0146	0.0057	0.0097	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0828	0.0041	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0814	0.0041	0.058	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0180	0.0050	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0053	0.0053	0.0097	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.395	0.0042	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.0580	0.0050	0.0097	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0051	0.0051	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0057	0.0057	0.0097	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.0924	0.0047	0.0097	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0044	0.0044	0.0097	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00092	0.00092	0.0097	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.119	0.0017	0.0097	0.0000300	0.00000357	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0407	0.0015	0.0097	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0090	0.0015	0.019	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.163	0.0039	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.0097	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0084	0.0017	0.0097	0.0000300	0.000000252	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.398	0.0017	0.0097	0.0000300	0.0000119	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0038	0.0038	0.0097	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0033	0.0019	0.0097	0.0000300	0.000000099	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0097	0.100	0.000160	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0097	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.0839	0.0022	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.803	0.0023	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0297	0.0027	0.0097	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0097	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0395	0.0027	0.0097	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0199	0.0025	0.0097	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.108	0.0019	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0113	0.0013	0.0097	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0371	0.0031	0.0097	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0074	0.0023	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0348	0.0025	0.0097	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.0097	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	<0.0082 (1)	0.0082	0.0097	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0014	0.0014	0.0097	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.178	0.0024	0.0097	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.233	0.0022	0.019	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	<0.0019	0.0019	0.0097	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0097	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.01	0.0019	0.0097	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0093	0.0016	0.0097	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0028	0.0011	0.0097	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0418	0.0036	0.019	0.0000300	0.00000125	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0305	0.0018	0.0097	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0045	0.0030	0.0097	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0121	0.0017	0.0097	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0020	0.0020	0.0097	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0205	0.0034	0.0097	0.0000300	0.000000615	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.0097	0.0300	0.000108	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0427	0.0023	0.0097	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0158	0.0031	0.019	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0123	0.0033	0.0097	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0191	0.0028	0.0097	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0022	0.0022	0.0097	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.0097	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0321	0.0031	0.0097	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0414	0.0023	0.0097	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0175	0.0015	0.0097	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.166	0.0026	0.019	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.0097	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.0097	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0404	0.0021	0.0097	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	0.0028	0.0016	0.0097	N/A	N/A	N/A	6014276

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	<0.0049	0.0049	0.0097	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.224	0.0022	0.0097	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0097	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0097	0.0000300	0.0000000900	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0098	0.0026	0.0097	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.0097	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.0097	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0142	0.0049	0.0097	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0047	0.0047	0.0097	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0096	0.0057	0.0097	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0041	0.0041	0.0097	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0260	0.0054	0.019	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.0097	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0035	0.0035	0.0097	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0134	0.0035	0.0097	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0161	0.0052	0.0097	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0097	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0097	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0068	0.0068	0.0097	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0057	0.0057	0.0097	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0067	0.0067	0.0097	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.011	0.011	0.0097	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000287	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6014276

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	139	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	122	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	107	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	117	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	78	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	111	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	116	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	124	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	116	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	99	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	84	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ591						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C44 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	111	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.0098	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00038	0.00038	0.0098	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0039	0.0023	0.0098	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0081	0.0020	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0328	0.00056	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.00481	0.00062	0.0098	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.0098	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00085	0.00055	0.0098	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	<0.0022 (1)	0.0022	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0349	0.00054	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00056	0.00056	0.0098	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00050	0.00050	0.0098	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00222	0.00087	0.0098	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00059	0.00059	0.0098	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00057	0.00057	0.0098	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.00728	0.00098	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0118	0.0012	0.0098	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.0750	0.00090	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	<0.0025 (1)	0.0025	0.0098	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0431	0.00086	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.149	0.00099	0.0098	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00063	0.00063	0.0098	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0072	0.0017	0.0098	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.00433	0.00073	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0233	0.0018	0.0098	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.140	0.0017	0.039	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0061	0.0016	0.0098	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0287	0.00079	0.0098	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.0796	0.0016	0.0098	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0053	0.0016	0.0098	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0027	0.0016	0.0098	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.00069 (1)	0.00069	0.0098	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0070	0.0020	0.0098	0.000100	0.000000700	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0018	0.0014	0.0098	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0098	0.000300	0.000000600	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.423	0.0022	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0129	0.0023	0.0098	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0801	0.0017	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0946	0.0017	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0180	0.0021	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.361	0.0017	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.0679	0.0021	0.0098	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0021	0.0021	0.039	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.0894	0.0019	0.0098	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00053	0.00053	0.0098	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00032	0.00032	0.0098	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.143	0.0017	0.0098	0.0000300	0.00000429	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0442	0.0014	0.0098	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0103	0.0015	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.207	0.0016	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0090	0.0016	0.0098	0.0000300	0.000000270	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.436	0.0017	0.0098	0.0000300	0.0000131	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	<0.0028 (1)	0.0028	0.0098	0.0000300	0.0000000840	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0098	0.100	0.000160	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.0878	0.0035	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.861	0.0036	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0308	0.0043	0.0098	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0098	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0489	0.0042	0.0098	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	<0.018 (1)	0.018	0.0098	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	<0.0082 (1)	0.0082	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.136	0.0026	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0116	0.0018	0.0098	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0406	0.0049	0.0098	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0074	0.0036	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0428	0.0038	0.0098	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0098	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0101	0.0026	0.0098	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.176	0.0037	0.0098	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.269	0.0035	0.020	N/A	N/A	N/A	6014276

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.13	0.0030	0.0098	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0127	0.0022	0.0098	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0025	0.0015	0.0098	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0478	0.0047	0.020	0.0000300	0.00000143	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0396	0.0027	0.0098	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	<0.0040	0.0040	0.0098	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0193	0.0026	0.0098	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0226	0.0045	0.0098	0.0000300	0.000000678	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0048	0.0048	0.0098	0.0300	0.000144	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0463	0.0020	0.049	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0164	0.0030	0.098	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0158	0.0031	0.049	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	<0.0030	0.0030	0.049	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0049	0.0049	0.049	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0037	0.0037	0.049	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0384	0.0030	0.049	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0439	0.0052	0.049	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0223	0.0035	0.049	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.187	0.0023	0.098	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.049	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.049	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0578	0.0025	0.049	N/A	N/A	N/A	6014276

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.049	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	0.0355	0.0030	0.049	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.049	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.233	0.0049	0.049	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0033	0.0033	0.049	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0053	0.0028	0.049	0.0000300	0.000000159	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0113	0.0022	0.049	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.049	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.049	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0133	0.0044	0.0098	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.0050	0.0050	0.049	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.049	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.0406	0.0051	0.098	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.049	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	0.0060	0.0035	0.049	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0156	0.0031	0.049	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0206	0.0047	0.049	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0098	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0099	0.0099	0.0098	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0083	0.0083	0.0098	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0098	0.0098	0.0098	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0098	0.0098	0.0098	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000325	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6014276

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	130	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	134	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	111	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ592						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C45 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6014276

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	<0.0067 (1)	0.0067	0.020	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0628	0.00091	0.020	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0010 (1)	0.0010	0.020	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0063	0.0010	0.0099	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	<0.00089 (1)	0.00089	0.0099	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00375	0.00094	0.020	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0514	0.00087	0.0099	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0017	0.0014	0.0099	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0083	0.0016	0.030	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0204	0.0019	0.0099	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.144	0.0015	0.030	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.104	0.0014	0.020	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.413	0.0016	0.0099	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	<0.0094 (1)	0.0094	0.0099	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0074	0.0012	0.030	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0314	0.0017	0.0099	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.230	0.0016	0.040	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0124	0.0015	0.0099	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0547	0.0013	0.0099	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.119	0.0016	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0111	0.0016	0.0099	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0055	0.0016	0.0099	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0080	0.0020	0.0099	0.000100	0.000000800	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.602	0.0039	0.020	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0269	0.0042	0.0099	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.115	0.0030	0.030	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.173	0.0031	0.059	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0371	0.0037	0.020	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.728	0.0031	0.030	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.122	0.0037	0.0099	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.242	0.0035	0.0099	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.0038 (1)	0.0038	0.0099	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.214	0.0031	0.0099	0.0000300	0.00000642	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0677	0.0027	0.0099	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0139	0.0028	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.386	0.0029	0.020	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0115	0.0031	0.0099	0.0000300	0.000000345	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.667	0.0031	0.0099	0.0000300	0.0000200	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0062	0.0035	0.0099	0.0000300	0.000000186	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0029	0.0029	0.0099	0.100	0.000290	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.128	0.0035	0.020	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	1.24	0.0036	0.030	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0405	0.0043	0.0099	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0883	0.0042	0.0099	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0301	0.0039	0.0099	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0153	0.0042	0.020	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.233	0.0030	0.020	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0175	0.0021	0.0099	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	<0.042 (1)	0.042	0.0099	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	<0.0065 (1)	0.0065	0.020	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0658	0.0038	0.0099	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	<0.016 (1)	0.016	0.0099	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.260	0.0037	0.0099	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.447	0.0035	0.020	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.66	0.0030	0.0099	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0171	0.0026	0.0099	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0678	0.0038	0.020	0.0000300	0.00000203	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0498	0.0027	0.0099	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0071	0.0033	0.0099	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0317	0.0026	0.0099	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0327	0.0037	0.0099	0.0000300	0.000000981	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.0099	0.0300	0.000117	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0688	0.0037	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0246	0.0049	0.020	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0414	0.0043	0.0099	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.0042	0.0025	0.0099	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0489	0.0049	0.0099	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0606	0.0036	0.0099	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0315	0.0025	0.0099	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.229	0.0041	0.020	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.0580	0.0033	0.0099	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.307	0.0035	0.0099	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.0099	0.0000300	0.000000102	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0152	0.0042	0.0099	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0210	0.0038	0.0099	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0059 (1)	0.0059	0.0099	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.014	0.011	0.0099	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.046	0.010	0.020	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0177	0.0067	0.0099	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.0251	0.0099	0.0099	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000438	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	124	N/A	N/A	N/A	N/A	N/A	6014276

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	121	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	133	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	128	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	67	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	57	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6014276

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ593						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C46 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00040	0.00040	0.0095	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00038	0.00038	0.0095	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00040	0.00040	0.0095	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0025	0.0025	0.0095	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0017	0.0017	0.0095	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0095	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	0.0025	0.0020	0.0095	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	0.0047	0.0018	0.0095	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0042	0.0013	0.0095	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0182	0.0011	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.00086	0.00086	0.0095	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0614	0.00074	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	<0.0022 (1)	0.0022	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.00671	0.00081	0.0095	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00089	0.00089	0.0095	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.00088	0.00088	0.0095	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00095	0.00073	0.0095	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00505	0.00077	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	0.00132	0.00093	0.0095	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0439	0.00071	0.0095	N/A	N/A	N/A	6014276

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0011 (1)	0.0011	0.0095	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00075	0.00075	0.0095	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.0095	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00066	0.00066	0.0095	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.0020	0.0011	0.0095	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00077	0.00077	0.0095	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00092 (1)	0.00092	0.0095	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0166	0.00069	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0280	0.00082	0.0095	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.00091	0.00091	0.0095	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.228	0.00063	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0010 (1)	0.0010	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.00083	0.00083	0.0095	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.00520	0.00070	0.0095	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.158	0.00060	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.00067	0.00067	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.622	0.00069	0.0095	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00068	0.00068	0.0095	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0127	0.0015	0.0095	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0095	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0121	0.00051	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0380	0.0015	0.0095	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.305	0.0014	0.038	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0177	0.0014	0.0095	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0677	0.00056	0.0095	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.118	0.0014	0.0095	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0177	0.0014	0.0095	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0087	0.0014	0.0095	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	0.00280	0.00048	0.0095	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0095	0.0017	0.0095	0.000100	0.000000950	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0095	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0041	0.0012	0.0095	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0095	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0095	0.000300	0.000000510	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0135	0.0034	0.0095	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	1.11	0.0031	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0311	0.0034	0.0095	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.213	0.0024	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.261	0.0024	0.057	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0545	0.0030	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0095	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	1.09	0.0025	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.231	0.0029	0.0095	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0070	0.0030	0.038	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0034	0.0034	0.0095	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.344	0.0028	0.0095	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.0095	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.0052	0.0026	0.0095	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.0095	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.301	0.0021	0.0095	0.0000300	0.00000903	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.117	0.0018	0.0095	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0279	0.0019	0.019	N/A	N/A	N/A	6014276
PentaCB-(110)+(115)	ng/g	0.502	0.0023	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0037 (1)	0.0037	0.0095	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0182	0.0020	0.0095	0.0000300	0.000000546	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	1.02	0.0021	0.0095	0.0000300	0.0000306	N/A	6014276
23'455'-PentaCB-(120)	ng/g	0.0026	0.0021	0.0095	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0095	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0095	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0087	0.0023	0.0095	0.0000300	0.000000261	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0020 (1)	0.0020	0.0095	0.100	0.000200	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0095	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.236	0.0039	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	2.53	0.0040	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0991	0.0048	0.0095	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0049	0.0049	0.0095	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.126	0.0047	0.0095	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	<0.056 (1)	0.056	0.0095	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0263	0.0047	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.409	0.0015	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0244	0.0010	0.0095	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.111	0.0055	0.0095	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0161	0.0040	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.113	0.0043	0.0095	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0270	0.0015	0.0095	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0095	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.572	0.0041	0.0095	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.678	0.0039	0.019	N/A	N/A	N/A	6014276
22'34'56'-HexaCB-(148)	ng/g	0.0031	0.0014	0.0095	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0095	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	3.40	0.0034	0.0095	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0273	0.0013	0.0095	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.00573	0.00084	0.0095	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.115	0.0028	0.019	0.0000300	0.00000345	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0867	0.0030	0.0095	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0095	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.0095	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.0095	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0135	0.0023	0.0095	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0407	0.0029	0.0095	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0036 (1)	0.0036	0.0095	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0597	0.0026	0.0095	0.0000300	0.00000179	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0028	0.0028	0.0095	0.0300	0.0000840	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.145	0.0040	0.0095	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.0423	0.0054	0.019	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0442	0.0057	0.0095	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0702	0.0047	0.0095	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	0.00695	0.00073	0.0095	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.00617	0.00052	0.0095	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.103	0.0053	0.0095	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.129	0.00075	0.0095	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0509	0.00051	0.0095	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.572	0.0044	0.019	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.0095	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	0.00330	0.00076	0.0095	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.119	0.0036	0.0095	N/A	N/A	N/A	6014276

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0053 (1)	0.0053	0.0095	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0084	0.0084	0.0095	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.00056	0.00056	0.0095	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.672	0.00073	0.0095	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	0.00170	0.00054	0.0095	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	<0.0061 (1)	0.0061	0.0095	0.0000300	0.000000183	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0292	0.0045	0.0095	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0049 (1)	0.0049	0.0095	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0046	0.0046	0.0095	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	<0.052 (1)	0.052	0.0095	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0146	0.0018	0.0095	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.029	0.011	0.0095	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0082	0.0082	0.0095	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.092	0.011	0.019	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0060	0.0060	0.0095	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0069	0.0069	0.0095	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0398	0.0069	0.0095	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	0.050	0.010	0.0095	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0071	0.0071	0.0095	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0095	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0094	0.0094	0.0095	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0078	0.0078	0.0095	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0092	0.0092	0.0095	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0083 (1)	0.0083	0.0095	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000331	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	117	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ594						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C47 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	99	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	110	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	52	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	79	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.0094	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00070	0.00070	0.0094	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0040	0.0040	0.0094	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0033	0.0033	0.0094	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0028	0.0028	0.0094	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	<0.0054 (1)	0.0054	0.0094	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0032	0.0032	0.0094	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.0094	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0044	0.0044	0.0094	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0106	0.0033	0.0094	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0290	0.0027	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.204	0.00061	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00483	0.00064	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.0182	0.00067	0.0094	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00073	0.00073	0.0094	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0094	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	0.00428	0.00060	0.0094	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.0165	0.00063	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.0094	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.158	0.00058	0.0094	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0023	0.0021	0.0094	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00061	0.00061	0.0094	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00054	0.00054	0.0094	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00441	0.00094	0.0094	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00063	0.00063	0.0094	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.0019 (1)	0.0019	0.0094	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0269	0.0010	0.028	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	<0.045 (1)	0.045	0.0094	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.0094	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.468	0.00093	0.028	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	0.0059	0.0010	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0013 (1)	0.0013	0.0094	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0114	0.0010	0.0094	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.304	0.00089	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	<0.0068 (1)	0.0068	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	1.02	0.0010	0.0094	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.00048	0.00048	0.0094	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0331	0.0015	0.0094	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0094	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0305	0.00075	0.028	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.132	0.0015	0.0094	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.938	0.0014	0.037	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0440	0.0014	0.0094	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.160	0.00082	0.0094	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.461	0.0014	0.0094	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0054	0.0013	0.0094	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0398	0.0014	0.0094	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0210	0.0014	0.0094	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0044 (1)	0.0044	0.0094	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0257	0.0017	0.0094	0.000100	0.00000257	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0107	0.0012	0.0094	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0027 (1)	0.0027	0.0094	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0094	0.000300	0.000000510	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	0.0269	0.0019	0.0094	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	3.06	0.0017	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0811	0.0019	0.0094	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.525	0.0013	0.028	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.643	0.0014	0.056	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.103	0.0016	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	2.40	0.0014	0.028	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.518	0.0016	0.0094	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0213	0.0017	0.037	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0020 (1)	0.0020	0.0094	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.705	0.0015	0.0094	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0094	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	<0.013 (1)	0.013	0.0094	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00096	0.00096	0.0094	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.929	0.0030	0.0094	0.0000300	0.0000279	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0026	0.0026	0.0094	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.286	0.0026	0.0094	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0722	0.0027	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	1.28	0.0013	0.019	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.0096	0.0012	0.0094	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0576	0.0030	0.0094	0.0000300	0.00000173	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	2.96	0.0030	0.0094	0.0000300	0.0000888	N/A	6014276
23'455'-PentaCB-(120)	ng/g	0.0126	0.0012	0.0094	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	0.0059	0.0012	0.0094	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	0.0061	0.0030	0.0094	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	0.0255	0.0034	0.0094	0.0000300	0.000000765	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	0.0082	0.0028	0.0094	0.100	0.000820	N/A	6014276
33'455'-PentaCB-(127)	ng/g	0.0063	0.0027	0.0094	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.682	0.0024	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	6.38	0.0025	0.028	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.153	0.0030	0.0094	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	0.0081	0.0030	0.0094	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.267	0.0029	0.0094	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.155	0.0027	0.0094	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0580	0.0029	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	1.03	0.0015	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0783	0.0010	0.0094	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.318	0.0034	0.0094	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	0.0587	0.0025	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.297	0.0027	0.0094	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0702	0.0015	0.0094	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0094	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	1.11	0.0026	0.0094	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	1.45	0.0024	0.019	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0067 (1)	0.0067	0.0094	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	0.0030	0.0010	0.0094	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	8.95	0.0021	0.0094	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0993	0.0013	0.0094	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.0239	0.00086	0.0094	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.315	0.0024	0.019	0.0000300	0.00000945	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.276	0.0019	0.0094	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0094	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0094	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.0094	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0302	0.0021	0.0094	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0788	0.0018	0.0094	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.011 (1)	0.011	0.0094	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.163	0.0023	0.0094	0.0000300	0.00000489	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0094	0.0300	0.0000720	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.377	0.0014	0.0094	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	0.140	0.0019	0.019	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	0.0991	0.0021	0.0094	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.148	0.0017	0.0094	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	0.0197	0.0013	0.0094	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	0.0188	0.00094	0.0094	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.174	0.0019	0.0094	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.332	0.0014	0.0094	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.156	0.00091	0.0094	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	1.50	0.0016	0.019	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0020	0.0020	0.0094	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0094	N/A	N/A	N/A	6014276

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.380	0.0013	0.0094	N/A	N/A	N/A	6014276
22'344'66'-HeptaCB-(184)	ng/g	0.0211	0.00092	0.0094	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.0094	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.0094	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	1.41	0.0013	0.0094	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0049 (1)	0.0049	0.0094	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0161	0.0042	0.0094	0.0000300	0.000000483	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	0.0916	0.0016	0.0094	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	0.0196	0.0016	0.0094	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0094	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.117	0.0033	0.0094	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	0.0469	0.0031	0.0094	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	0.0847	0.0047	0.0094	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	0.0159	0.0034	0.0094	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.210	0.0044	0.019	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	0.0044	0.0025	0.0094	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.023 (1)	0.023	0.0094	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0960	0.0029	0.0094	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	<0.0042	0.0042	0.0094	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.0094	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	0.0084	0.0026	0.0094	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	0.0447	0.0032	0.0094	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	0.0092	0.0027	0.0094	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	0.0161	0.0032	0.0094	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0081 (1)	0.0081	0.0094	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00103	N/A	N/A

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	140	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	140	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	103	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	109	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	106	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	94	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	109	N/A	N/A	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ599						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C52 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	93	N/A	N/A	N/A	N/A	N/A	6014276
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.0096	N/A	N/A	N/A	6014276
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.0096	N/A	N/A	N/A	6014276
4-MonoCB-(3)	ng/g	<0.00070	0.00070	0.0096	N/A	N/A	N/A	6014276
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6014276
2,3-DiCB-(5)	ng/g	<0.0048	0.0048	0.0096	N/A	N/A	N/A	6014276
2,3'-DiCB-(6)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	6014276
2,4-DiCB-(7)	ng/g	<0.0040	0.0040	0.0096	N/A	N/A	N/A	6014276
2,4'-DiCB-(8)	ng/g	<0.0033	0.0033	0.0096	N/A	N/A	N/A	6014276
2,5-DiCB-(9)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	6014276
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	6014276
3,3'-DiCB-(11)	ng/g	<0.0039	0.0039	0.0096	N/A	N/A	N/A	6014276
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.019	N/A	N/A	N/A	6014276
3,5-DiCB-(14)	ng/g	<0.0038	0.0038	0.0096	N/A	N/A	N/A	6014276
4,4'-DiCB-(15)	ng/g	<0.0056	0.0056	0.0096	N/A	N/A	N/A	6014276
22'3-TriCB-(16)	ng/g	<0.0036	0.0036	0.0096	N/A	N/A	N/A	6014276
22'4-TriCB-(17)	ng/g	0.0038	0.0028	0.0096	N/A	N/A	N/A	6014276
TriCB-(18)+(30)	ng/g	0.0120	0.0022	0.019	N/A	N/A	N/A	6014276
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6014276
TriCB-(20) + (28)	ng/g	0.0619	0.00049	0.019	N/A	N/A	N/A	6014276
TriCB-(21)+(33)	ng/g	0.00388	0.00052	0.019	N/A	N/A	N/A	6014276
234'-TriCB-(22)	ng/g	0.00700	0.00054	0.0096	N/A	N/A	N/A	6014276
235-TriCB-(23)	ng/g	<0.00059	0.00059	0.0096	N/A	N/A	N/A	6014276
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6014276
23'4-TriCB-(25)	ng/g	<0.0019 (1)	0.0019	0.0096	N/A	N/A	N/A	6014276
TriCB-(26)+(29)	ng/g	0.00433	0.00051	0.019	N/A	N/A	N/A	6014276
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6014276
24'5-TriCB-(31)	ng/g	0.0573	0.00047	0.0096	N/A	N/A	N/A	6014276

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0021 (1)	0.0021	0.0096	N/A	N/A	N/A	6014276
23'5'-TriCB-(34)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	6014276
33'4-TriCB-(35)	ng/g	<0.00049	0.00049	0.0096	N/A	N/A	N/A	6014276
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.0096	N/A	N/A	N/A	6014276
344'-TriCB-(37)	ng/g	0.00228	0.00076	0.0096	N/A	N/A	N/A	6014276
345-TriCB-(38)	ng/g	<0.00051	0.00051	0.0096	N/A	N/A	N/A	6014276
34'5-TriCB-(39)	ng/g	<0.00056 (1)	0.00056	0.0096	N/A	N/A	N/A	6014276
TetraCB-(40)+(41)+(71)	ng/g	0.0156	0.0026	0.029	N/A	N/A	N/A	6014276
22'34'-TetraCB-(42)	ng/g	0.0153	0.0031	0.0096	N/A	N/A	N/A	6014276
22'35-TetraCB-(43)	ng/g	<0.0035	0.0035	0.0096	N/A	N/A	N/A	6014276
TetraCB-(44)+(47)+(65)	ng/g	0.104	0.0024	0.029	N/A	N/A	N/A	6014276
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.019	N/A	N/A	N/A	6014276
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.0096	N/A	N/A	N/A	6014276
22'45-TetraCB-(48)	ng/g	0.0052	0.0026	0.0096	N/A	N/A	N/A	6014276
TetraCB-(49)+TetraCB-(69)	ng/g	0.0749	0.0023	0.019	N/A	N/A	N/A	6014276
TetraCB-(50)+(53)	ng/g	0.0032	0.0025	0.019	N/A	N/A	N/A	6014276
22'55'-TetraCB-(52)	ng/g	0.259	0.0026	0.0096	N/A	N/A	N/A	6014276
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6014276
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6014276
233'4'-Tetra CB(56)	ng/g	0.0134	0.0016	0.0096	N/A	N/A	N/A	6014276
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6014276
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6014276
TetraCB-(59)+(62)+(75)	ng/g	0.0068	0.0019	0.029	N/A	N/A	N/A	6014276
2344'-TetraCB -(60)	ng/g	0.0311	0.0016	0.0096	N/A	N/A	N/A	6014276
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.232	0.0016	0.038	N/A	N/A	N/A	6014276
234'5-TetraCB-(63)	ng/g	0.0115	0.0015	0.0096	N/A	N/A	N/A	6014276
234'6-TetraCB-(64)	ng/g	0.0471	0.0021	0.0096	N/A	N/A	N/A	6014276
23'44'-TetraCB-(66)	ng/g	0.123	0.0015	0.0096	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	6014276
23'45'-TetraCB-(68)	ng/g	0.0079	0.0015	0.0096	N/A	N/A	N/A	6014276
23'55'-TetraCB-(72)	ng/g	0.0045	0.0015	0.0096	N/A	N/A	N/A	6014276
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0096	N/A	N/A	N/A	6014276
33'44'-TetraCB-(77)	ng/g	0.0071	0.0019	0.0096	0.000100	0.000000710	N/A	6014276
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0096	N/A	N/A	N/A	6014276
33'45'-TetraCB(79)	ng/g	0.0026	0.0013	0.0096	N/A	N/A	N/A	6014276
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0096	N/A	N/A	N/A	6014276
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0096	0.000300	0.000000570	N/A	6014276
22'33'4-PentaCB-(82)	ng/g	<0.0069 (1)	0.0069	0.0096	N/A	N/A	N/A	6014276
PentaCB-(83)+(99)	ng/g	0.474	0.0012	0.019	N/A	N/A	N/A	6014276
22'33'6-PentaCB-(84)	ng/g	0.0235	0.0013	0.0096	N/A	N/A	N/A	6014276
PentaCB-(85)+(116)+(117)	ng/g	0.0823	0.00092	0.029	N/A	N/A	N/A	6014276
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.127	0.00093	0.058	N/A	N/A	N/A	6014276
PentaCB-(88)+(91)	ng/g	0.0275	0.0011	0.019	N/A	N/A	N/A	6014276
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6014276
PentaCB-(90)+(101)+(113)	ng/g	0.511	0.00095	0.029	N/A	N/A	N/A	6014276
22'355'-PentaCB-(92)	ng/g	0.103	0.0011	0.0096	N/A	N/A	N/A	6014276
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0045	0.0011	0.038	N/A	N/A	N/A	6014276
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0096	N/A	N/A	N/A	6014276
22'35'6-PentaCB-(95)	ng/g	0.150	0.0011	0.0096	N/A	N/A	N/A	6014276
22'366'-PentaCB-(96)	ng/g	<0.00068	0.00068	0.0096	N/A	N/A	N/A	6014276
22'45'6-PentaCB-(103)	ng/g	0.00290	0.00099	0.0096	N/A	N/A	N/A	6014276
22'466'-PentaCB-(104)	ng/g	<0.00041	0.00041	0.0096	N/A	N/A	N/A	6014276
233'44'-PentaCB-(105)	ng/g	0.152	0.0022	0.0096	0.0000300	0.00000456	N/A	6014276
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6014276
233'4'5-PentaCB-(107)	ng/g	0.0562	0.0018	0.0096	N/A	N/A	N/A	6014276
PentaCB-(108)+(124)	ng/g	0.0146	0.0019	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.261	0.00087	0.019	N/A	N/A	N/A	6014276
233'55'-PentaCB-(111)	ng/g	0.00183	0.00084	0.0096	N/A	N/A	N/A	6014276
233'56-PentaCB-(112)	ng/g	<0.00077	0.00077	0.0096	N/A	N/A	N/A	6014276
2344'5-PentaCB-(114)	ng/g	0.0095	0.0021	0.0096	0.0000300	0.000000285	N/A	6014276
23'44'5-PentaCB-(118)	ng/g	0.530	0.0021	0.0096	0.0000300	0.0000159	N/A	6014276
23'455'-PentaCB-(120)	ng/g	<0.00079	0.00079	0.0096	N/A	N/A	N/A	6014276
23'45'6-PentaCB-(121)	ng/g	<0.00085	0.00085	0.0096	N/A	N/A	N/A	6014276
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0096	N/A	N/A	N/A	6014276
23'44'5'-PentaCB-(123)	ng/g	<0.0037 (1)	0.0037	0.0096	0.0000300	0.000000111	N/A	6014276
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.0096	0.100	0.000200	N/A	6014276
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0096	N/A	N/A	N/A	6014276
HexaCB-(128)+(166)	ng/g	0.102	0.0054	0.019	N/A	N/A	N/A	6014276
HexaCB-(129)+(138)+(163)	ng/g	0.890	0.0056	0.029	N/A	N/A	N/A	6014276
22'33'45'-HexaCB-(130)	ng/g	0.0382	0.0067	0.0096	N/A	N/A	N/A	6014276
22'33'46-HexaCB-(131)	ng/g	<0.0068	0.0068	0.0096	N/A	N/A	N/A	6014276
22'33'46'-HexaCB-(132)	ng/g	0.0611	0.0066	0.0096	N/A	N/A	N/A	6014276
22'33'55'-HexaCB-(133)	ng/g	0.0228	0.0060	0.0096	N/A	N/A	N/A	6014276
HexaCB-(134)+(143)	ng/g	0.0103	0.0066	0.019	N/A	N/A	N/A	6014276
HexaCB-(135)+(151)	ng/g	0.173	0.0017	0.019	N/A	N/A	N/A	6014276
22'33'66'-HexaCB-(136)	ng/g	0.0119	0.0012	0.0096	N/A	N/A	N/A	6014276
22'344'5-HexaCB-(137)	ng/g	0.0424	0.0077	0.0096	N/A	N/A	N/A	6014276
HexaCB-(139)+(140)	ng/g	<0.0057 (1)	0.0057	0.019	N/A	N/A	N/A	6014276
22'3455'-HexaCB-(141)	ng/g	0.0555	0.0060	0.0096	N/A	N/A	N/A	6014276
22'3456-HexaCB-(142)	ng/g	<0.0065	0.0065	0.0096	N/A	N/A	N/A	6014276
22'345'6-HexaCB-(144)	ng/g	0.0136	0.0017	0.0096	N/A	N/A	N/A	6014276
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6014276
22'34'55'-HexaCB-(146)	ng/g	0.210	0.0058	0.0096	N/A	N/A	N/A	6014276
HexaCB-(147)+(149)	ng/g	0.363	0.0054	0.019	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.0096	N/A	N/A	N/A	6014276
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0096	N/A	N/A	N/A	6014276
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0096	N/A	N/A	N/A	6014276
HexaCB-(153)+(168)	ng/g	1.11	0.0047	0.0096	N/A	N/A	N/A	6014276
22'44'56'-HexaCB-(154)	ng/g	0.0135	0.0014	0.0096	N/A	N/A	N/A	6014276
22'44'66'-HexaCB-(155)	ng/g	0.00181	0.00096	0.0096	N/A	N/A	N/A	6014276
HexaCB-(156)+(157)	ng/g	0.0440	0.0023	0.019	0.0000300	0.00000132	N/A	6014276
233'44'6-HexaCB-(158)	ng/g	0.0378	0.0043	0.0096	N/A	N/A	N/A	6014276
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.0096	N/A	N/A	N/A	6014276
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.0096	N/A	N/A	N/A	6014276
233'45'6-HexaCB-(161)	ng/g	<0.0041	0.0041	0.0096	N/A	N/A	N/A	6014276
233'4'55'-HexaCB-(162)	ng/g	0.0043	0.0020	0.0096	N/A	N/A	N/A	6014276
233'4'5'6-HexaCB-(164)	ng/g	0.0163	0.0041	0.0096	N/A	N/A	N/A	6014276
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.0096	N/A	N/A	N/A	6014276
23'44'55'-HexaCB-(167)	ng/g	0.0243	0.0022	0.0096	0.0000300	0.000000729	N/A	6014276
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0096	0.0300	0.0000690	N/A	6014276
22'33'44'5-HeptaCB-(170)	ng/g	0.0459	0.0046	0.048	N/A	N/A	N/A	6014276
HeptaCB-(171)+(173)	ng/g	<0.0067	0.0067	0.096	N/A	N/A	N/A	6014276
22'33'455'-HeptaCB-(172)	ng/g	<0.0070	0.0070	0.048	N/A	N/A	N/A	6014276
22'33'456'-HeptaCB-(174)	ng/g	0.0304	0.0067	0.048	N/A	N/A	N/A	6014276
22'33'45'6-HeptaCB-(175)	ng/g	<0.0074	0.0074	0.048	N/A	N/A	N/A	6014276
22'33'466'-HeptaCB-(176)	ng/g	<0.0056	0.0056	0.048	N/A	N/A	N/A	6014276
22'33'45'6'-HeptaCB-(177)	ng/g	0.0433	0.0067	0.048	N/A	N/A	N/A	6014276
22'33'55'6-HeptaCB-(178)	ng/g	0.0511	0.0079	0.048	N/A	N/A	N/A	6014276
22'33'566'-HeptaCB-(179)	ng/g	0.0233	0.0054	0.048	N/A	N/A	N/A	6014276
HeptaCB-(180)+(193)	ng/g	0.167	0.0052	0.096	N/A	N/A	N/A	6014276
22'344'56-HeptaCB-(181)	ng/g	<0.0066	0.0066	0.048	N/A	N/A	N/A	6014276
22'344'56'-HeptaCB-(182)	ng/g	<0.0075	0.0075	0.048	N/A	N/A	N/A	6014276
22'344'5'6-HeptaCB-(183)	ng/g	0.0440	0.0056	0.048	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0054	0.0054	0.048	N/A	N/A	N/A	6014276
22'3455'6-HeptaCB-(185)	ng/g	<0.0069	0.0069	0.048	N/A	N/A	N/A	6014276
22'34566'-HeptaCB-(186)	ng/g	<0.0060	0.0060	0.048	N/A	N/A	N/A	6014276
22'34'55'6-HeptaCB-(187)	ng/g	0.256	0.0074	0.048	N/A	N/A	N/A	6014276
22'34'566'-HeptaCB-(188)	ng/g	<0.0050	0.0050	0.048	N/A	N/A	N/A	6014276
233'44'55'-HeptaCB-(189)	ng/g	0.0092	0.0062	0.048	0.0000300	0.000000276	N/A	6014276
233'44'56-HeptaCB-(190)	ng/g	<0.0050	0.0050	0.048	N/A	N/A	N/A	6014276
233'44'5'6-HeptaCB-(191)	ng/g	<0.0051	0.0051	0.048	N/A	N/A	N/A	6014276
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.048	N/A	N/A	N/A	6014276
22'33'44'55'-OctaCB-(194)	ng/g	0.0145	0.0027	0.0096	N/A	N/A	N/A	6014276
22'33'44'56-OctaCB-(195)	ng/g	<0.0038 (1)	0.0038	0.0096	N/A	N/A	N/A	6014276
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.048	N/A	N/A	N/A	6014276
22'33'44'66'OctaCB-(197)	ng/g	<0.0086	0.0086	0.048	N/A	N/A	N/A	6014276
OctaCB-(198)+(199)	ng/g	0.030	0.012	0.096	N/A	N/A	N/A	6014276
22'33'4566'-OctaCB-(200)	ng/g	<0.0082	0.0082	0.048	N/A	N/A	N/A	6014276
22'33'45'66'-OctaCB-(201)	ng/g	<0.0082	0.0082	0.048	N/A	N/A	N/A	6014276
22'33'55'66'-OctaCB-(202)	ng/g	0.0178	0.0073	0.048	N/A	N/A	N/A	6014276
22'344'55'6-OctaCB-(203)	ng/g	<0.011	0.011	0.048	N/A	N/A	N/A	6014276
22'344'566'-OctaCB-(204)	ng/g	<0.0084	0.0084	0.0096	N/A	N/A	N/A	6014276
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0096	N/A	N/A	N/A	6014276
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0067	0.0067	0.0096	N/A	N/A	N/A	6014276
22'33'44'566'-NonaCB-(207)	ng/g	<0.0055	0.0055	0.0096	N/A	N/A	N/A	6014276
22'33'455'66'-NonaCB-(208)	ng/g	<0.0065	0.0065	0.0096	N/A	N/A	N/A	6014276
DecaCB-(209)	ng/g	<0.0097	0.0097	0.0096	N/A	N/A	N/A	6014276
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000293	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	164 (2)	N/A	N/A	N/A	N/A	N/A	6014276

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'44'5-HeptaCB-(170)	%	126	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'455'66'-NonaCB-(208)	%	130	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'66'-OctaCB-(202)	%	105	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'33'55'6-HeptaCB-(178)	%	117	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'34'566'-HeptaCB-(188)	%	100	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'66'-TetraCB-(54)	%	104	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'6-TriCB-(19)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-22'-DiCB-(4)	%	81	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'6-OctaCB-(205)	%	119	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'55'-HeptaCB-(189)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'44'-PentaCB-(105)	%	130	N/A	N/A	N/A	N/A	N/A	6014276
C13-233'55'-PentaCB-(111)	%	139 (1)	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'55'-HexaCB-(167)	%	123	N/A	N/A	N/A	N/A	N/A	6014276
C13-2344'5-PentaCB-(114)	%	133	N/A	N/A	N/A	N/A	N/A	6014276
C13-23'44'5-PentaCB-(118)	%	134	N/A	N/A	N/A	N/A	N/A	6014276
C13-2'344'5-PentaCB-(123)	%	129	N/A	N/A	N/A	N/A	N/A	6014276
C13-2-MonoCB-(1)	%	87	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'55'-HexaCB-(169)	%	77	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'5-PentaCB-(126)	%	116	N/A	N/A	N/A	N/A	N/A	6014276
C13-33'44'-TetraCB-(77)	%	112	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'5-TetraCB-(81)	%	114	N/A	N/A	N/A	N/A	N/A	6014276
C13-344'-TriCB-(37)	%	129	N/A	N/A	N/A	N/A	N/A	6014276
C13-44'-DiCB-(15)	%	111	N/A	N/A	N/A	N/A	N/A	6014276

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ601						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KILD-C54 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	89	N/A	N/A	N/A	N/A	N/A	6014276
C13-DecaCB-(209)	%	102	N/A	N/A	N/A	N/A	N/A	6014276
C13-HexaCB-(156)+(157)	%	121	N/A	N/A	N/A	N/A	N/A	6014276

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	0.0187	0.0014	0.010	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	0.00720	0.00085	0.010	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	0.0406	0.00073	0.010	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	0.00730	0.00087	0.010	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	0.0321	0.0013	0.010	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	0.0504	0.0033	0.010	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	0.0815	0.0029	0.010	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.194	0.0024	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	0.0044	0.0022	0.010	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.543	0.0010	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	0.0814	0.0011	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.102	0.0011	0.010	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	0.0203	0.0010	0.010	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.0481	0.0010	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	0.0142	0.0021	0.010	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.434	0.0010	0.010	N/A	N/A	N/A	6095733
24'6-TriCB-(32)	ng/g	0.0449	0.0019	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	0.0532	0.0016	0.010	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	0.0031	0.0010	0.010	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.185	0.0031	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.201	0.0040	0.010	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	0.0287	0.0042	0.010	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.903	0.0029	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	0.0486	0.0032	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	0.0106	0.0037	0.010	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.102	0.0030	0.010	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.569	0.0027	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	0.0460	0.0030	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	1.92	0.0033	0.010	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.182	0.0025	0.010	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	0.0026	0.0024	0.010	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0542	0.0022	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.218	0.0024	0.010	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.66	0.0023	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0535	0.0023	0.010	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	0.356	0.0025	0.010	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.899	0.0023	0.010	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	0.0120	0.0022	0.010	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0238	0.0022	0.010	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	0.0177	0.0022	0.010	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0744	0.0029	0.010	0.000100	0.00000744	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	0.0150	0.0021	0.010	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0032 (1)	0.0032	0.010	0.000300	0.000000960	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	0.101	0.0063	0.010	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	2.15	0.0055	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.236	0.0060	0.010	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.446	0.0042	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.06	0.0045	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.190	0.0053	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	2.88	0.0045	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.554	0.0055	0.010	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0344	0.0054	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	1.15	0.0051	0.010	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	0.0224	0.0050	0.010	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	0.928	0.0020	0.010	0.0000300	0.0000278	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.173	0.0015	0.010	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.0665	0.0017	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	2.29	0.0043	0.020	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6095733
233'56-PentaCB-(112)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0515	0.0020	0.010	0.0000300	0.00000155	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	2.45	0.0020	0.010	0.0000300	0.0000735	N/A	6095733
23'455'-PentaCB-(120)	ng/g	0.0067	0.0038	0.010	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	0.0043	0.0039	0.010	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	0.0128	0.0019	0.010	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0392	0.0021	0.010	0.0000300	0.00000118	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	0.0101	0.0019	0.010	0.100	0.00101	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.436	0.0059	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	4.18	0.0063	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.199	0.0078	0.010	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	0.0207	0.0084	0.010	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.436	0.0075	0.010	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.0870	0.0071	0.010	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	0.131	0.0079	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	1.02	0.0040	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.132	0.0030	0.010	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.152	0.0076	0.010	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0446	0.0063	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.209	0.0067	0.010	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.103	0.0041	0.010	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	0.703	0.0061	0.010	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	2.06	0.0065	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	0.0076	0.0040	0.010	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	0.0063	0.0031	0.010	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	4.31	0.0053	0.010	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	0.0564	0.0035	0.010	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	0.0091	0.0024	0.010	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.259	0.0047	0.020	0.0000300	0.00000777	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.230	0.0048	0.010	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	0.0051	0.0041	0.010	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	0.0160	0.0041	0.010	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.0937	0.0046	0.010	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.128	0.0045	0.010	0.0000300	0.00000384	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0048	0.0048	0.010	0.0300	0.000144	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.170	0.0065	0.010	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.0933	0.0086	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.0339	0.0091	0.010	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.105	0.0078	0.010	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	0.0187	0.0057	0.010	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	0.0256	0.0043	0.010	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.210	0.0092	0.010	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.161	0.0060	0.010	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	0.154	0.0043	0.010	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	0.670	0.0067	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.148	0.0072	0.010	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	0.0138	0.0040	0.010	N/A	N/A	N/A	6095733
22'3455'6-HeptaCB-(185)	ng/g	0.154	0.0098	0.010	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.767	0.0054	0.010	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	0.0128	0.0066	0.010	0.0000300	0.000000384	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.0438	0.0067	0.010	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	0.0096	0.0066	0.010	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	<0.045 (1)	0.045	0.010	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	0.014	0.011	0.010	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	0.0308	0.0074	0.010	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.0690	0.0074	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	0.0182	0.0053	0.010	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	<0.040 (1)	0.040	0.010	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.0462	0.0068	0.010	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00128	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	145 (2)	N/A	N/A	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	123	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	187 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	125	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	121	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	74	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	62	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	64	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	49	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	55	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	57	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ602						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C01 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	6095733

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0050 (1)	0.0050	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.0043	0.0010	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0096	0.0048	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0077	0.0031	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0352	0.0025	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.226	0.00047	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.00683	0.00049	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0219	0.00050	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00347	0.00048	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.0123	0.00048	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0025	0.0023	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.172	0.00046	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0054	0.0021	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0229	0.00083	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00186	0.00046	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0748	0.0024	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.105	0.0029	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0255	0.0035	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.805	0.0022	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0061	0.0025	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0475	0.0025	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.508	0.0021	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	1.94	0.0025	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.106	0.0014	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0446	0.0018	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.185	0.0013	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.74	0.0013	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0629	0.0013	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.354	0.0019	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.932	0.0012	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0046	0.0012	0.0099	N/A	N/A	N/A	6120687

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0184	0.0012	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0203	0.0013	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0592	0.0018	0.0099	0.000100	0.00000592	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0130	0.0011	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0033	0.0017	0.0099	0.000300	0.000000990	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0717	0.0029	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	2.74	0.0024	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.261	0.0029	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.583	0.0020	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.21	0.0021	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.301	0.0025	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	4.07	0.0021	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.705	0.0026	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0369	0.0025	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	1.50	0.0025	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0297	0.0023	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	1.18	0.0018	0.0099	0.0000300	0.0000354	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.250	0.0014	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0859	0.0014	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	2.94	0.0020	0.020	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'-PentaCB-(111)	ng/g	<0.0025 (1)	0.0025	0.0099	N/A	N/A	N/A	6120687
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0656	0.0017	0.0099	0.0000300	0.00000197	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	3.58	0.0018	0.0099	0.0000300	0.000107	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0185	0.0016	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0631	0.0019	0.0099	0.0000300	0.00000189	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0081	0.0017	0.0099	0.100	0.000810	N/A	6120687
33'455'-PentaCB-(127)	ng/g	0.0027	0.0014	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.427	0.0044	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	4.29	0.0047	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.199	0.0058	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0254	0.0061	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.485	0.0055	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0915	0.0053	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.133	0.0057	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	1.06	0.0043	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.124	0.0032	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.223	0.0054	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0509	0.0047	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.352	0.0049	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0999	0.0042	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.752	0.0047	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	1.98	0.0046	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	4.21	0.0039	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0561	0.0036	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0047	0.0022	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.341	0.0032	0.020	0.0000300	0.0000102	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.273	0.0035	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0071	0.0026	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0123	0.0025	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.109	0.0035	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	0.0053	0.0040	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.140	0.0031	0.0099	0.0000300	0.00000420	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0099	0.0300	0.0000960	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.209	0.0042	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0738	0.0054	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0487	0.0057	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.145	0.0051	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0112	0.0042	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0225	0.0032	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.174	0.0055	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.165	0.0044	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.129	0.0031	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.694	0.0040	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.165	0.0053	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0077	0.0029	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0888	0.0053	0.0099	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.701	0.0040	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0119	0.0048	0.0099	0.0000300	0.000000357	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0448	0.0042	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0102	0.0040	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0515	0.0055	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0143	0.0057	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0341	0.0093	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	<0.072 (1)	0.072	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0091	0.0065	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0303	0.0063	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0431	0.0085	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00107	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	168 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	247 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	182 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	114	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	172 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	32	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	72	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	16	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	42	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ605						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C04 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00041	0.00041	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	0.00144	0.00072	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0028	0.0025	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.0531	0.00089	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.00123	0.00092	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.00660	0.00095	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.00299	0.00091	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.0476	0.00088	0.010	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0060	0.0016	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0059	0.0022	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0145	0.0027	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0040	0.0032	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.101	0.0021	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.0582	0.0020	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.326	0.0023	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0243	0.0011	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0048	0.0016	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0513	0.0011	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.413	0.0010	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0173	0.0010	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.0541	0.0018	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.213	0.00097	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.00455	0.00094	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0042	0.0010	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0156	0.0014	0.010	0.000100	0.00000156	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.00292	0.00090	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0108	0.0019	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	0.536	0.0016	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.0350	0.0019	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.119	0.0013	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.253	0.0014	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.0359	0.0017	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	0.935	0.0014	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.174	0.0017	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0034	0.0017	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.232	0.0017	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.380	0.00086	0.010	0.0000300	0.0000114	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.0726	0.00065	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0249	0.00067	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	0.672	0.0013	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0216	0.00083	0.010	0.0000300	0.000000648	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	1.04	0.00084	0.010	0.0000300	0.0000312	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0155	0.00091	0.010	0.0000300	0.000000465	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.00339	0.00080	0.010	0.100	0.000339	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.194	0.0031	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	1.79	0.0033	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.0797	0.0041	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0048	0.0043	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.124	0.0039	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0364	0.0037	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0400	0.0040	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.370	0.0032	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.0214	0.0024	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.0705	0.0038	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0067	0.0033	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.102	0.0034	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0205	0.0031	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.308	0.0033	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	0.652	0.0032	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6120687
HexaCB-(153)+(168)	ng/g	1.60	0.0028	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0140	0.0026	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.120	0.0018	0.020	0.0000300	0.00000360	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.0850	0.0025	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0062	0.0014	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0374	0.0025	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0533	0.0018	0.010	0.0000300	0.00000160	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.0715	0.0028	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0273	0.0036	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0205	0.0039	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.0515	0.0035	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0063	0.0021	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.0824	0.0037	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.0726	0.0029	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0509	0.0020	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.225	0.0027	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.0558	0.0036	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0021	0.0019	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.0326	0.0036	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
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	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6120687
22'34'55'6-HeptaCB-(187)	ng/g	0.350	0.0026	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.0045 (1)	0.0045	0.010	0.0000300	0.000000135	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0164	0.0029	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0036	0.0027	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0180	0.0040	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0048	0.0041	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0101	0.0066	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0242	0.0065	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	<0.014 (1)	0.014	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000444	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	184 (2)	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	160 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	291 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	216 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	121	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	51	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	33	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	151 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	24	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	44	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	62	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6120687

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ609						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C08 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	75	N/A	N/A	N/A	N/A	N/A	6120687

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00019	0.00019	0.0099	N/A	N/A	N/A	6095733
3-MonoCB-(2)	ng/g	<0.00019	0.00019	0.0099	N/A	N/A	N/A	6095733
4-MonoCB-(3)	ng/g	<0.00019	0.00019	0.0099	N/A	N/A	N/A	6095733
22'-DiCB-(4)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6095733
2,3-DiCB-(5)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6095733
2,3'-DiCB-(6)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6095733
2,4-DiCB-(7)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6095733
2,4'-DiCB-(8)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6095733
2,5-DiCB-(9)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6095733
2,6-DiCB-(10)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6095733
3,3'-DiCB-(11)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6095733
DiCB-(12)+(13)	ng/g	<0.00062	0.00062	0.020	N/A	N/A	N/A	6095733
3,5-DiCB-(14)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6095733
4,4'-DiCB-(15)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6095733
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6095733
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6095733
TriCB-(18)+(30)	ng/g	0.0033	0.0019	0.020	N/A	N/A	N/A	6095733
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6095733
TriCB-(20) + (28)	ng/g	0.0101	0.00093	0.020	N/A	N/A	N/A	6095733
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6095733
234'-TriCB-(22)	ng/g	0.0015	0.0010	0.0099	N/A	N/A	N/A	6095733
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6095733
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6095733
23'4-TriCB-(25)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6095733
TriCB-(26)+(29)	ng/g	0.00133	0.00095	0.020	N/A	N/A	N/A	6095733
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
24'5-TriCB-(31)	ng/g	0.00847	0.00093	0.0099	N/A	N/A	N/A	6095733

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6095733
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6095733
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6095733
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6095733
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6095733
TetraCB-(40)+(41)+(71)	ng/g	0.0046	0.0025	0.030	N/A	N/A	N/A	6095733
22'34'-TetraCB-(42)	ng/g	0.0052	0.0033	0.0099	N/A	N/A	N/A	6095733
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6095733
TetraCB-(44)+(47)+(65)	ng/g	0.0420	0.0023	0.030	N/A	N/A	N/A	6095733
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6095733
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6095733
22'45-TetraCB-(48)	ng/g	0.0030	0.0025	0.0099	N/A	N/A	N/A	6095733
TetraCB-(49)+TetraCB-(69)	ng/g	0.0225	0.0022	0.020	N/A	N/A	N/A	6095733
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6095733
22'55'-TetraCB-(52)	ng/g	0.120	0.0027	0.0099	N/A	N/A	N/A	6095733
22'66'-TetraCB-(54)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6095733
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
233'4'-Tetra CB(56)	ng/g	0.0046	0.0017	0.0099	N/A	N/A	N/A	6095733
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733
TetraCB-(59)+(62)+(75)	ng/g	0.0025	0.0018	0.030	N/A	N/A	N/A	6095733
2344'-TetraCB -(60)	ng/g	0.0079	0.0016	0.0099	N/A	N/A	N/A	6095733
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0709	0.0016	0.040	N/A	N/A	N/A	6095733
234'5-TetraCB-(63)	ng/g	0.0044	0.0015	0.0099	N/A	N/A	N/A	6095733
234'6-TetraCB-(64)	ng/g	0.0120	0.0020	0.0099	N/A	N/A	N/A	6095733
23'44'-TetraCB-(66)	ng/g	0.0308	0.0016	0.0099	N/A	N/A	N/A	6095733
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0024	0.0015	0.0099	N/A	N/A	N/A	6095733
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6095733
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6095733
33'44'-TetraCB-(77)	ng/g	0.0035	0.0020	0.0099	0.000100	0.000000350	N/A	6095733
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6095733
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6095733
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6095733
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0099	0.000300	0.000000570	N/A	6095733
22'33'4-PentaCB-(82)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6095733
PentaCB-(83)+(99)	ng/g	0.238	0.0052	0.020	N/A	N/A	N/A	6095733
22'33'6-PentaCB-(84)	ng/g	0.0122	0.0057	0.0099	N/A	N/A	N/A	6095733
PentaCB-(85)+(116)+(117)	ng/g	0.0534	0.0040	0.030	N/A	N/A	N/A	6095733
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0697	0.0043	0.060	N/A	N/A	N/A	6095733
PentaCB-(88)+(91)	ng/g	0.0148	0.0050	0.020	N/A	N/A	N/A	6095733
22'346'-PentaCB-(89)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6095733
PentaCB-(90)+(101)+(113)	ng/g	0.292	0.0043	0.030	N/A	N/A	N/A	6095733
22'355'-PentaCB-(92)	ng/g	0.0593	0.0053	0.0099	N/A	N/A	N/A	6095733
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0051	0.0051	0.040	N/A	N/A	N/A	6095733
22'356'-PentaCB-(94)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6095733
22'35'6-PentaCB-(95)	ng/g	0.115	0.0049	0.0099	N/A	N/A	N/A	6095733
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6095733
22'45'6-PentaCB-(103)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6095733
22'466'-PentaCB-(104)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6095733
233'44'-PentaCB-(105)	ng/g	0.107	0.0020	0.0099	0.0000300	0.00000321	N/A	6095733
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6095733
233'4'5-PentaCB-(107)	ng/g	0.0257	0.0014	0.0099	N/A	N/A	N/A	6095733
PentaCB-(108)+(124)	ng/g	0.0076	0.0016	0.020	N/A	N/A	N/A	6095733
PentaCB-(110)+(115)	ng/g	0.193	0.0041	0.020	N/A	N/A	N/A	6095733
233'55'-PentaCB-(111)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6095733
2344'5-PentaCB-(114)	ng/g	0.0066	0.0019	0.0099	0.0000300	0.000000198	N/A	6095733
23'44'5-PentaCB-(118)	ng/g	0.300	0.0019	0.0099	0.0000300	0.00000900	N/A	6095733
23'455'-PentaCB-(120)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6095733
23'45'6-PentaCB-(121)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6095733
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6095733
23'44'5'-PentaCB-(123)	ng/g	0.0070	0.0021	0.0099	0.0000300	0.000000210	N/A	6095733
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180	N/A	6095733
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6095733
HexaCB-(128)+(166)	ng/g	0.0633	0.0024	0.020	N/A	N/A	N/A	6095733
HexaCB-(129)+(138)+(163)	ng/g	0.574	0.0026	0.030	N/A	N/A	N/A	6095733
22'33'45'-HexaCB-(130)	ng/g	0.0260	0.0032	0.0099	N/A	N/A	N/A	6095733
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6095733
22'33'46'-HexaCB-(132)	ng/g	0.0349	0.0031	0.0099	N/A	N/A	N/A	6095733
22'33'55'-HexaCB-(133)	ng/g	0.0137	0.0029	0.0099	N/A	N/A	N/A	6095733
HexaCB-(134)+(143)	ng/g	<0.0094 (1)	0.0094	0.020	N/A	N/A	N/A	6095733
HexaCB-(135)+(151)	ng/g	0.131	0.0061	0.020	N/A	N/A	N/A	6095733
22'33'66'-HexaCB-(136)	ng/g	0.0074	0.0046	0.0099	N/A	N/A	N/A	6095733
22'344'5-HexaCB-(137)	ng/g	0.0320	0.0031	0.0099	N/A	N/A	N/A	6095733
HexaCB-(139)+(140)	ng/g	0.0055	0.0026	0.020	N/A	N/A	N/A	6095733
22'3455'-HexaCB-(141)	ng/g	0.0417	0.0027	0.0099	N/A	N/A	N/A	6095733
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6095733
22'345'6-HexaCB-(144)	ng/g	0.0075	0.0062	0.0099	N/A	N/A	N/A	6095733
22'3466'-HexaCB-(145)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733
22'34'55'-HexaCB-(146)	ng/g	0.109	0.0025	0.0099	N/A	N/A	N/A	6095733
HexaCB-(147)+(149)	ng/g	0.149	0.0027	0.020	N/A	N/A	N/A	6095733
22'34'56'-HexaCB-(148)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6095733
22'34'66'-HexaCB-(150)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6095733
HexaCB-(153)+(168)	ng/g	0.538	0.0022	0.0099	N/A	N/A	N/A	6095733
22'44'56'-HexaCB-(154)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6095733
22'44'66'-HexaCB-(155)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6095733
HexaCB-(156)+(157)	ng/g	0.0460	0.0034	0.020	0.0000300	0.00000138	N/A	6095733
233'44'6-HexaCB-(158)	ng/g	0.0276	0.0020	0.0099	N/A	N/A	N/A	6095733
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6095733
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6095733
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6095733
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6095733
233'4'5'6-HexaCB-(164)	ng/g	0.0135	0.0019	0.0099	N/A	N/A	N/A	6095733
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6095733
23'44'55'-HexaCB-(167)	ng/g	0.0228	0.0033	0.0099	0.0000300	0.000000684	N/A	6095733
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.0099	0.0300	0.000102	N/A	6095733
22'33'44'5-HeptaCB-(170)	ng/g	0.0374	0.0042	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(171)+(173)	ng/g	0.0083	0.0056	0.020	N/A	N/A	N/A	6095733
22'33'455'-HeptaCB-(172)	ng/g	0.0083	0.0058	0.0099	N/A	N/A	N/A	6095733
22'33'456'-HeptaCB-(174)	ng/g	0.0176	0.0050	0.0099	N/A	N/A	N/A	6095733
22'33'45'6-HeptaCB-(175)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6095733
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6095733
22'33'45'6'-HeptaCB-(177)	ng/g	0.0248	0.0059	0.0099	N/A	N/A	N/A	6095733
22'33'55'6-HeptaCB-(178)	ng/g	0.0238	0.0039	0.0099	N/A	N/A	N/A	6095733
22'33'566'-HeptaCB-(179)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6095733
HeptaCB-(180)+(193)	ng/g	0.125	0.0043	0.020	N/A	N/A	N/A	6095733
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6095733
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6095733
22'344'5'6-HeptaCB-(183)	ng/g	0.0166	0.0046	0.0099	N/A	N/A	N/A	6095733
22'344'66'-HeptaCB-(184)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6095733

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3455'6-HeptaCB-(185)	ng/g	0.0247	0.0063	0.0099	N/A	N/A	N/A	6095733
22'34566'-HeptaCB-(186)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6095733
22'34'55'6-HeptaCB-(187)	ng/g	0.137	0.0035	0.0099	N/A	N/A	N/A	6095733
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6095733
233'44'55'-HeptaCB-(189)	ng/g	<0.0041	0.0041	0.0099	0.0000300	0.000000123	N/A	6095733
233'44'56-HeptaCB-(190)	ng/g	0.0079	0.0043	0.0099	N/A	N/A	N/A	6095733
233'44'5'6-HeptaCB-(191)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6095733
233'455'6-HeptaCB-(192)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'-OctaCB-(194)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6095733
22'33'44'56-OctaCB-(195)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6095733
22'33'44'56'-OctaCB-(196)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6095733
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6095733
OctaCB-(198)+(199)	ng/g	0.0127	0.0046	0.020	N/A	N/A	N/A	6095733
22'33'4566'-OctaCB-(200)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6095733
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6095733
22'33'55'66'-OctaCB-(202)	ng/g	<0.0063 (1)	0.0063	0.0099	N/A	N/A	N/A	6095733
22'344'55'6-OctaCB-(203)	ng/g	0.0112	0.0043	0.0099	N/A	N/A	N/A	6095733
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6095733
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6095733
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6095733
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6095733
22'33'455'66'-NonaCB-(208)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6095733
DecaCB-(209)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6095733
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000298	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'55'6-NonaCB-(206)	%	92	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'44'5-HeptaCB-(170)	%	112	N/A	N/A	N/A	N/A	N/A	6095733

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ613						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C12 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'66'-OctaCB-(202)	%	137	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'344'55'-HeptaCB-(180)	%	105	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'44'66'-HexaCB-(155)	%	137	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'466'-PentaCB-(104)	%	112	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'6-TriCB-(19)	%	94	N/A	N/A	N/A	N/A	N/A	6095733
C13-22'-DiCB-(4)	%	92	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'55'-HeptaCB-(189)	%	101	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	6095733
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-2344'5-PentaCB-(114)	%	69	N/A	N/A	N/A	N/A	N/A	6095733
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6095733
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6095733
C13-2-MonoCB-(1)	%	76	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'55'-HexaCB-(169)	%	46	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'5-PentaCB-(126)	%	61	N/A	N/A	N/A	N/A	N/A	6095733
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'5-TetraCB-(81)	%	66	N/A	N/A	N/A	N/A	N/A	6095733
C13-344'-TriCB-(37)	%	78	N/A	N/A	N/A	N/A	N/A	6095733
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6095733
C13-4-MonoCB-(3)	%	82	N/A	N/A	N/A	N/A	N/A	6095733
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6095733
C13-HexaCB-(156)+(157)	%	70	N/A	N/A	N/A	N/A	N/A	6095733

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	0.00193	0.00044	0.0099	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	0.00309	0.00043	0.0099	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00041	0.00041	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	0.0076	0.0033	0.0099	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	0.0115	0.0021	0.0099	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0222	0.0017	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.0901	0.00048	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.00396	0.00050	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.0111	0.00051	0.0099	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00252	0.00049	0.0099	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.00864	0.00049	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	0.0024	0.0016	0.0099	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.0826	0.00048	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0035	0.0014	0.0099	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.00809	0.00085	0.0099	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	0.00103	0.00047	0.0099	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0539	0.0015	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0520	0.0017	0.0099	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	0.0167	0.0021	0.0099	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.283	0.0013	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	0.0050	0.0015	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0227	0.0015	0.0099	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.275	0.0013	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	0.0034	0.0014	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.813	0.0015	0.0099	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0665	0.0011	0.0099	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	0.0014	0.0010	0.0099	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0181	0.0011	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0964	0.0010	0.0099	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.826	0.0010	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0309	0.00099	0.0099	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.0954	0.0011	0.0099	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.356	0.00096	0.0099	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.00393	0.00091	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0114	0.00093	0.0099	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0099	0.0010	0.0099	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0431	0.0014	0.0099	0.000100	0.00000431	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.00902	0.00089	0.0099	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	0.0019	0.0014	0.0099	0.000300	0.000000570	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0562	0.0023	0.0099	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	1.15	0.0019	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.102	0.0022	0.0099	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.288	0.0016	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.680	0.0016	0.059	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.103	0.0020	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	2.01	0.0017	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.376	0.0021	0.0099	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0116	0.0020	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	0.0029	0.0022	0.0099	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.601	0.0020	0.0099	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0091	0.0018	0.0099	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.789	0.0013	0.0099	0.0000300	0.0000237	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.172	0.00097	0.0099	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0600	0.0010	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	1.57	0.0016	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	0.0026	0.0014	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0373	0.0013	0.0099	0.0000300	0.00000112	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	2.25	0.0013	0.0099	0.0000300	0.0000675	N/A	6120687
23'455'-PentaCB-(120)	ng/g	0.0034	0.0014	0.0099	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	0.0144	0.0011	0.0099	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0370	0.0014	0.0099	0.0000300	0.00000111	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	0.0058	0.0012	0.0099	0.100	0.000580	N/A	6120687
33'455'-PentaCB-(127)	ng/g	0.0023	0.0010	0.0099	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.387	0.0019	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	3.61	0.0020	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.145	0.0025	0.0099	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	0.0093	0.0027	0.0099	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.259	0.0024	0.0099	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0603	0.0023	0.0099	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0622	0.0025	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.574	0.0032	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.0521	0.0023	0.0099	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.135	0.0024	0.0099	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0212	0.0020	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.164	0.0021	0.0099	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0371	0.0031	0.0099	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.590	0.0020	0.0099	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	1.20	0.0020	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	0.0036	0.0031	0.0099	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6120687

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Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	3.74	0.0017	0.0099	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0319	0.0026	0.0099	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	0.0049	0.0016	0.0099	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.246	0.0017	0.020	0.0000300	0.00000738	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.180	0.0015	0.0099	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	0.0046	0.0014	0.0099	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0112	0.0013	0.0099	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0798	0.0015	0.0099	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	0.0032	0.0017	0.0099	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.119	0.0016	0.0099	0.0000300	0.00000357	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	0.0048	0.0017	0.0099	0.0300	0.000144	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.182	0.0019	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0733	0.0024	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0435	0.0026	0.0099	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.107	0.0023	0.0099	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	0.0101	0.0022	0.0099	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	0.0145	0.0016	0.0099	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.163	0.0024	0.0099	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.138	0.0023	0.0099	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0947	0.0016	0.0099	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.620	0.0018	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	0.0029	0.0023	0.0099	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.147	0.0024	0.0099	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	0.0061	0.0015	0.0099	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.0837	0.0024	0.0099	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.724	0.0020	0.0099	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	0.0123	0.0015	0.0099	0.0000300	0.000000369	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0504	0.0019	0.0099	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	0.0084	0.0018	0.0099	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0568	0.0029	0.0099	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	0.0201	0.0030	0.0099	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0323	0.0029	0.0099	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	0.0048	0.0017	0.0099	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0912	0.0028	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	0.0065	0.0023	0.0099	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	0.0138	0.0020	0.0099	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0419	0.0019	0.0099	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0599	0.0026	0.0099	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	0.0041	0.0031	0.0099	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	0.0161	0.0030	0.0099	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	0.0070	0.0031	0.0099	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.0072 (1)	0.0072	0.0099	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000834	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	102	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ615						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C14 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	117	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6120687
3-MonoCB-(2)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6120687
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6120687
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6120687
2,3-DiCB-(5)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6120687
2,3'-DiCB-(6)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6120687
2,4-DiCB-(7)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6120687
2,4'-DiCB-(8)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6120687
2,5-DiCB-(9)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6120687
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
3,3'-DiCB-(11)	ng/g	0.00270	0.00084	0.010	N/A	N/A	N/A	6120687
DiCB-(12)+(13)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6120687
3,5-DiCB-(14)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6120687
4,4'-DiCB-(15)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6120687
22'3-TriCB-(16)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6120687
22'4-TriCB-(17)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
TriCB-(18)+(30)	ng/g	0.0050	0.0030	0.020	N/A	N/A	N/A	6120687
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
TriCB-(20) + (28)	ng/g	0.0701	0.00084	0.020	N/A	N/A	N/A	6120687
TriCB-(21)+(33)	ng/g	0.00176	0.00087	0.020	N/A	N/A	N/A	6120687
234'-TriCB-(22)	ng/g	0.00686	0.00089	0.010	N/A	N/A	N/A	6120687
235-TriCB-(23)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6120687
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
23'4-TriCB-(25)	ng/g	0.00191	0.00085	0.010	N/A	N/A	N/A	6120687
TriCB-(26)+(29)	ng/g	0.00451	0.00086	0.020	N/A	N/A	N/A	6120687
23'6-TriCB-(27)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6120687
24'5-TriCB-(31)	ng/g	0.0513	0.00083	0.010	N/A	N/A	N/A	6120687

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
23'5'-TriCB-(34)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6120687
33'4-TriCB-(35)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6120687
33'5-TriCB-(36)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6120687
344'-TriCB-(37)	ng/g	0.0100	0.0015	0.010	N/A	N/A	N/A	6120687
345-TriCB-(38)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6120687
34'5-TriCB-(39)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6120687
TetraCB-(40)+(41)+(71)	ng/g	0.0070	0.0032	0.030	N/A	N/A	N/A	6120687
22'34'-TetraCB-(42)	ng/g	0.0183	0.0038	0.010	N/A	N/A	N/A	6120687
22'35-TetraCB-(43)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
TetraCB-(44)+(47)+(65)	ng/g	0.144	0.0029	0.030	N/A	N/A	N/A	6120687
TetraCB-(45)+(51)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6120687
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
22'45-TetraCB-(48)	ng/g	0.0058	0.0033	0.010	N/A	N/A	N/A	6120687
TetraCB-(49)+TetraCB-(69)	ng/g	0.101	0.0028	0.020	N/A	N/A	N/A	6120687
TetraCB-(50)+(53)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6120687
22'55'-TetraCB-(52)	ng/g	0.347	0.0032	0.010	N/A	N/A	N/A	6120687
22'66'-TetraCB-(54)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6120687
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6120687
233'4'-Tetra CB(56)	ng/g	0.0170	0.0014	0.010	N/A	N/A	N/A	6120687
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6120687
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6120687
TetraCB-(59)+(62)+(75)	ng/g	0.0099	0.0023	0.030	N/A	N/A	N/A	6120687
2344'-TetraCB -(60)	ng/g	0.0542	0.0014	0.010	N/A	N/A	N/A	6120687
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.409	0.0013	0.040	N/A	N/A	N/A	6120687
234'5-TetraCB-(63)	ng/g	0.0171	0.0013	0.010	N/A	N/A	N/A	6120687
234'6-TetraCB-(64)	ng/g	0.0722	0.0025	0.010	N/A	N/A	N/A	6120687
23'44'-TetraCB-(66)	ng/g	0.285	0.0013	0.010	N/A	N/A	N/A	6120687
23'45-TetraCB-(67)	ng/g	0.0012	0.0012	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	0.0048	0.0012	0.010	N/A	N/A	N/A	6120687
23'55'-TetraCB-(72)	ng/g	0.0046	0.0013	0.010	N/A	N/A	N/A	6120687
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
33'44'-TetraCB-(77)	ng/g	0.0157	0.0018	0.010	0.000100	0.00000157	N/A	6120687
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6120687
33'45'-TetraCB(79)	ng/g	0.0023	0.0012	0.010	N/A	N/A	N/A	6120687
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6120687
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.010	0.000300	0.000000540	N/A	6120687
22'33'4-PentaCB-(82)	ng/g	0.0148	0.0054	0.010	N/A	N/A	N/A	6120687
PentaCB-(83)+(99)	ng/g	0.743	0.0045	0.020	N/A	N/A	N/A	6120687
22'33'6-PentaCB-(84)	ng/g	0.0413	0.0053	0.010	N/A	N/A	N/A	6120687
PentaCB-(85)+(116)+(117)	ng/g	0.185	0.0037	0.030	N/A	N/A	N/A	6120687
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.263	0.0039	0.060	N/A	N/A	N/A	6120687
PentaCB-(88)+(91)	ng/g	0.0607	0.0047	0.020	N/A	N/A	N/A	6120687
22'346'-PentaCB-(89)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
PentaCB-(90)+(101)+(113)	ng/g	0.862	0.0039	0.030	N/A	N/A	N/A	6120687
22'355'-PentaCB-(92)	ng/g	0.171	0.0049	0.010	N/A	N/A	N/A	6120687
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0062	0.0047	0.040	N/A	N/A	N/A	6120687
22'356'-PentaCB-(94)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6120687
22'35'6-PentaCB-(95)	ng/g	0.278	0.0046	0.010	N/A	N/A	N/A	6120687
22'366'-PentaCB-(96)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6120687
22'45'6-PentaCB-(103)	ng/g	0.0060	0.0043	0.010	N/A	N/A	N/A	6120687
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6120687
233'44'-PentaCB-(105)	ng/g	0.374	0.0025	0.010	0.0000300	0.0000112	N/A	6120687
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6120687
233'4'5-PentaCB-(107)	ng/g	0.0693	0.0019	0.010	N/A	N/A	N/A	6120687
PentaCB-(108)+(124)	ng/g	0.0176	0.0020	0.020	N/A	N/A	N/A	6120687
PentaCB-(110)+(115)	ng/g	0.624	0.0037	0.020	N/A	N/A	N/A	6120687
233'55'-PentaCB-(111)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6120687
2344'5-PentaCB-(114)	ng/g	0.0205	0.0024	0.010	0.0000300	0.000000615	N/A	6120687
23'44'5-PentaCB-(118)	ng/g	1.04	0.0025	0.010	0.0000300	0.0000312	N/A	6120687
23'455'-PentaCB-(120)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
23'45'6-PentaCB-(121)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6120687
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6120687
23'44'5'-PentaCB-(123)	ng/g	0.0156	0.0027	0.010	0.0000300	0.000000468	N/A	6120687
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.010	0.100	0.000230	N/A	6120687
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6120687
HexaCB-(128)+(166)	ng/g	0.194	0.0054	0.020	N/A	N/A	N/A	6120687
HexaCB-(129)+(138)+(163)	ng/g	1.56	0.0058	0.030	N/A	N/A	N/A	6120687
22'33'45'-HexaCB-(130)	ng/g	0.0675	0.0071	0.010	N/A	N/A	N/A	6120687
22'33'46-HexaCB-(131)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6120687
22'33'46'-HexaCB-(132)	ng/g	0.124	0.0068	0.010	N/A	N/A	N/A	6120687
22'33'55'-HexaCB-(133)	ng/g	0.0352	0.0066	0.010	N/A	N/A	N/A	6120687
HexaCB-(134)+(143)	ng/g	0.0325	0.0071	0.020	N/A	N/A	N/A	6120687
HexaCB-(135)+(151)	ng/g	0.308	0.0034	0.020	N/A	N/A	N/A	6120687
22'33'66'-HexaCB-(136)	ng/g	0.0286	0.0025	0.010	N/A	N/A	N/A	6120687
22'344'5-HexaCB-(137)	ng/g	0.0749	0.0067	0.010	N/A	N/A	N/A	6120687
HexaCB-(139)+(140)	ng/g	0.0150	0.0058	0.020	N/A	N/A	N/A	6120687
22'3455'-HexaCB-(141)	ng/g	0.0893	0.0061	0.010	N/A	N/A	N/A	6120687
22'3456-HexaCB-(142)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
22'345'6-HexaCB-(144)	ng/g	0.0237	0.0033	0.010	N/A	N/A	N/A	6120687
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6120687
22'34'55'-HexaCB-(146)	ng/g	0.258	0.0058	0.010	N/A	N/A	N/A	6120687
HexaCB-(147)+(149)	ng/g	0.637	0.0057	0.020	N/A	N/A	N/A	6120687
22'34'56'-HexaCB-(148)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6120687
22'34'66'-HexaCB-(150)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6120687

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(153)+(168)	ng/g	1.46	0.0048	0.010	N/A	N/A	N/A	6120687
22'44'56'-HexaCB-(154)	ng/g	0.0131	0.0028	0.010	N/A	N/A	N/A	6120687
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6120687
HexaCB-(156)+(157)	ng/g	0.121	0.0045	0.020	0.0000300	0.00000363	N/A	6120687
233'44'6-HexaCB-(158)	ng/g	0.0926	0.0043	0.010	N/A	N/A	N/A	6120687
233'455'-HexaCB-(159)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6120687
233'4'55'-HexaCB-(162)	ng/g	0.0059	0.0035	0.010	N/A	N/A	N/A	6120687
233'4'5'6-HexaCB-(164)	ng/g	0.0325	0.0043	0.010	N/A	N/A	N/A	6120687
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6120687
23'44'55'-HexaCB-(167)	ng/g	0.0560	0.0043	0.010	0.0000300	0.00000168	N/A	6120687
33'44'55'-HexaCB-(169)	ng/g	<0.0045	0.0045	0.010	0.0300	0.000135	N/A	6120687
22'33'44'5-HeptaCB-(170)	ng/g	0.0843	0.0065	0.010	N/A	N/A	N/A	6120687
HeptaCB-(171)+(173)	ng/g	0.0306	0.0083	0.020	N/A	N/A	N/A	6120687
22'33'455'-HeptaCB-(172)	ng/g	0.0208	0.0088	0.010	N/A	N/A	N/A	6120687
22'33'456'-HeptaCB-(174)	ng/g	0.0532	0.0079	0.010	N/A	N/A	N/A	6120687
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6120687
22'33'466'-HeptaCB-(176)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6120687
22'33'45'6'-HeptaCB-(177)	ng/g	0.0869	0.0084	0.010	N/A	N/A	N/A	6120687
22'33'55'6-HeptaCB-(178)	ng/g	0.0684	0.0054	0.010	N/A	N/A	N/A	6120687
22'33'566'-HeptaCB-(179)	ng/g	0.0484	0.0038	0.010	N/A	N/A	N/A	6120687
HeptaCB-(180)+(193)	ng/g	0.227	0.0061	0.020	N/A	N/A	N/A	6120687
22'344'56-HeptaCB-(181)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6120687
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6120687
22'344'5'6-HeptaCB-(183)	ng/g	0.0661	0.0082	0.010	N/A	N/A	N/A	6120687
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6120687
22'3455'6-HeptaCB-(185)	ng/g	0.0358	0.0081	0.010	N/A	N/A	N/A	6120687
22'34566'-HeptaCB-(186)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6120687

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'6-HeptaCB-(187)	ng/g	0.326	0.0048	0.010	N/A	N/A	N/A	6120687
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6120687
233'44'55'-HeptaCB-(189)	ng/g	<0.0059	0.0059	0.010	0.0000300	0.000000177	N/A	6120687
233'44'56-HeptaCB-(190)	ng/g	0.0202	0.0065	0.010	N/A	N/A	N/A	6120687
233'44'5'6-HeptaCB-(191)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
233'455'6-HeptaCB-(192)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6120687
22'33'44'55'-OctaCB-(194)	ng/g	0.0197	0.0063	0.010	N/A	N/A	N/A	6120687
22'33'44'56-OctaCB-(195)	ng/g	<0.0068 (1)	0.0068	0.010	N/A	N/A	N/A	6120687
22'33'44'56'-OctaCB-(196)	ng/g	0.0124	0.0087	0.010	N/A	N/A	N/A	6120687
22'33'44'66'OctaCB-(197)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6120687
OctaCB-(198)+(199)	ng/g	0.0328	0.0086	0.020	N/A	N/A	N/A	6120687
22'33'4566'-OctaCB-(200)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6120687
22'33'45'66'-OctaCB-(201)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6120687
22'33'55'66'-OctaCB-(202)	ng/g	0.0121	0.0058	0.010	N/A	N/A	N/A	6120687
22'344'55'6-OctaCB-(203)	ng/g	0.0205	0.0079	0.010	N/A	N/A	N/A	6120687
22'344'566'-OctaCB-(204)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6120687
233'44'55'6-OctaCB-(205)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6120687
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6120687
22'33'44'566'-NonaCB-(207)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6120687
22'33'455'66'-NonaCB-(208)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6120687
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6120687
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000416	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'44'5-HeptaCB-(170)	%	186 (2)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'455'66'-NonaCB-(208)	%	146 (2)	N/A	N/A	N/A	N/A	N/A	6120687

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ619						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C18 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'55'66'-OctaCB-(202)	%	292 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'344'55'-HeptaCB-(180)	%	224 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'34'566'-HeptaCB-(188)	%	126	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'44'66'-HexaCB-(155)	%	180 (1)	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'466'-PentaCB-(104)	%	127	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'6-TriCB-(19)	%	81	N/A	N/A	N/A	N/A	N/A	6120687
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'6-OctaCB-(205)	%	104	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'55'-HeptaCB-(189)	%	125	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'44'-PentaCB-(105)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6120687
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6120687
C13-23'44'5-PentaCB-(118)	%	83	N/A	N/A	N/A	N/A	N/A	6120687
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6120687
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'5-PentaCB-(126)	%	57	N/A	N/A	N/A	N/A	N/A	6120687
C13-33'44'-TetraCB-(77)	%	68	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6120687
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6120687
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6120687
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6120687
C13-HexaCB-(156)+(157)	%	76	N/A	N/A	N/A	N/A	N/A	6120687

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	0.015	0.013	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	0.0288	0.0087	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.0643	0.0071	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.267	0.0038	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0172	0.0039	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0300	0.0040	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0135	0.0039	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0362	0.0039	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.218	0.0038	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	0.0179	0.0060	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0217	0.0063	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.171	0.013	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.196	0.015	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.037	0.018	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	1.42	0.012	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	0.024	0.013	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.095	0.013	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	1.25	0.012	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	0.020	0.013	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	4.68	0.014	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.166	0.0056	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0655	0.0095	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.185	0.0055	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.08	0.0053	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0640	0.0052	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.409	0.010	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.862	0.0051	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0090	0.0047	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0175	0.0052	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0266	0.0055	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0555	0.0071	0.010	0.000100	0.00000555	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0246	0.0048	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0069	0.0069	0.010	0.000300	0.00000207	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.142	0.017	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	8.65	0.015	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.334	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	1.06	0.011	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.89	0.012	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.532	0.014	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	7.39	0.012	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	1.15	0.015	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.053	0.014	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	1.96	0.014	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	0.033	0.013	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	2.17	0.011	0.010	0.0000300	0.0000651	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.337	0.0077	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.106	0.0085	0.020	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	4.11	0.012	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.145	0.010	0.010	0.0000300	0.00000435	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	5.75	0.010	0.010	0.0000300	0.000173	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.022 (1)	0.022	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.047	0.011	0.010	0.0000300	0.00000141	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.010	0.010	0.010	0.100	0.00100	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	1.47	0.015	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	17.8	0.016	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.829	0.019	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.025	0.019	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.975	0.018	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.306	0.017	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.101	0.021	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	1.41	0.019	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.135	0.014	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.812	0.019	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.117	0.015	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.523	0.016	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.147	0.020	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	2.87	0.015	0.010	N/A	N/A	N/A	6126053

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RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	3.55	0.017	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	16.9	0.013	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.110	0.016	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	0.015	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.947	0.011	0.020	0.0000300	0.0000284	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.849	0.012	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0321	0.0089	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.135	0.012	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	0.019	0.014	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.195	0.010	0.010	0.0000300	0.00000585	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.011	0.011	0.010	0.0300	0.000330	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	1.18	0.020	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.261	0.026	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.247	0.027	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.186	0.025	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.028	0.022	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.812	0.026	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.609	0.032	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.140	0.022	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	3.50	0.020	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.699	0.018	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	0.023	0.021	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	3.41	0.027	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.042	0.011	0.010	0.0000300	0.00000126	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.244	0.021	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.054	0.020	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.434	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	0.139	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.224	0.035	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.047	0.047	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.579	0.035	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.214	0.024	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.378	0.032	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	0.026	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	0.133	0.024	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	0.048	0.025	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	0.077	0.014	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00162	N/A	N/A

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	109	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	79	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	54	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	75	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ620						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C19 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.012 (1)	0.012	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.167	0.0032	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0056	0.0034	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0140	0.0034	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0091	0.0033	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.101	0.0032	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0294	0.0055	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.0289	0.0075	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.0320	0.0098	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.0105	0.0086	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.327	0.0071	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0080	0.0080	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0133	0.0076	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.165	0.0068	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.765	0.0076	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0602	0.0060	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0156	0.0055	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.150	0.0056	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.20	0.0054	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0460	0.0053	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.125	0.0061	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.786	0.0054	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0095 (1)	0.0095	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0127	0.0056	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0611	0.0076	0.010	0.000100	0.00000611	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0159	0.0049	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0075	0.0075	0.010	0.000300	0.00000225	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.036	0.017	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	2.07	0.014	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.122	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.420	0.011	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.794	0.012	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.141	0.014	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	2.98	0.012	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.484	0.014	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.014	0.014	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.576	0.014	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	1.38	0.0055	0.010	0.0000300	0.0000414	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.289	0.0040	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.101	0.0043	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	2.05	0.011	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0788	0.0053	0.010	0.0000300	0.00000236	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	3.89	0.0053	0.010	0.0000300	0.000117	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0194	0.0049	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0342	0.0058	0.010	0.0000300	0.00000103	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0051	0.0051	0.010	0.100	0.000510	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.557	0.0060	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	4.75	0.0064	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.176	0.0076	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.0195	0.0079	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.319	0.0074	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.0874	0.0072	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.0597	0.0078	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.700	0.014	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.070	0.011	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.197	0.0078	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.0277	0.0062	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.280	0.0063	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.050	0.014	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053

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BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.627	0.0058	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	1.52	0.0064	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	3.95	0.0053	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.034	0.012	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.414	0.0072	0.020	0.0000300	0.0000124	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.205	0.0046	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0225	0.0057	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.120	0.0046	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.176	0.0069	0.010	0.0000300	0.00000528	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0073	0.0073	0.010	0.0300	0.000219	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.234	0.0096	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.091	0.012	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.062	0.013	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.134	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.018 (1)	0.018	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.199	0.012	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.168	0.014	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.109	0.0098	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.722	0.0093	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.224	0.012	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.731	0.012	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.012 (1)	0.012	0.010	0.0000300	0.000000360	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0619	0.0095	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.0138	0.0091	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.0604	0.0081	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.036	0.015	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.086	0.015	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	0.014	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.043	0.010	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.056	0.014	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000917	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	162 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	131	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	73	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ622						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C21 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	102	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6126053

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.051	0.051	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.051	0.012	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.192	0.0039	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0125	0.0041	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0239	0.0041	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0070	0.0040	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0233	0.0039	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.171	0.0039	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0123	0.0066	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.0805	0.0068	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.0929	0.0089	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.0160	0.0078	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.596	0.0064	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0368	0.0068	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.377	0.0061	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	1.40	0.0069	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.103	0.0038	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0379	0.0049	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.146	0.0036	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.27	0.0034	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0543	0.0034	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.215	0.0056	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.629	0.0034	0.010	N/A	N/A	N/A	6126053

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0065	0.0032	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0258	0.0034	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0173	0.0035	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0530	0.0048	0.010	0.000100	0.00000530	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0208	0.0031	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0047	0.0047	0.010	0.000300	0.00000141	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.085	0.010	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	2.70	0.0087	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.163	0.0098	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.597	0.0070	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.09	0.0073	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.172	0.0088	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	3.52	0.0075	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.676	0.0089	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0312	0.0089	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	1.10	0.0086	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	0.0157	0.0080	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	1.35	0.0076	0.010	0.0000300	0.0000405	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.331	0.0055	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.111	0.0060	0.020	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	2.74	0.0069	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0841	0.0074	0.010	0.0000300	0.00000252	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	4.28	0.0074	0.010	0.0000300	0.000128	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0234	0.0068	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0382	0.0080	0.010	0.0000300	0.00000115	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0077 (1)	0.0077	0.010	0.100	0.000770	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.727	0.0085	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	6.56	0.0091	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.268	0.011	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.020	0.011	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.448	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.118	0.010	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.085	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	1.07	0.014	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.099	0.010	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.268	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.0530	0.0089	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.329	0.0089	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.093	0.013	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.980	0.0083	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	2.21	0.0092	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	6.23	0.0076	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.064	0.011	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.486	0.0070	0.020	0.0000300	0.0000146	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.373	0.0066	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0245	0.0055	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.145	0.0066	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.215	0.0067	0.010	0.0000300	0.00000645	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0071	0.0071	0.010	0.0300	0.000213	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.335	0.0064	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.151	0.0082	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.0843	0.0084	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.139	0.0078	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	0.021	0.011	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.0327	0.0084	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.303	0.0081	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.243	0.012	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.171	0.0080	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	1.22	0.0062	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.365	0.0082	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	0.0133	0.0077	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	1.23	0.0098	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.0206	0.0068	0.010	0.0000300	0.000000618	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0903	0.0062	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.0200	0.0060	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.099	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.029 (1)	0.029	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.057	0.019	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.135	0.019	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	0.027	0.013	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.070	0.013	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.088	0.018	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00118	N/A	N/A

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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	158 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	138	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	126	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	56	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	58	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ629						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C28 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	0.0199	0.0066	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	0.027	0.017	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	0.032	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.0912	0.0098	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.442	0.0038	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0489	0.0040	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0784	0.0040	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0180	0.0040	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0502	0.0039	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.446	0.0038	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	0.0249	0.0077	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0810	0.0065	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.172	0.0047	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.183	0.0061	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.0285	0.0053	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.971	0.0044	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.023 (1)	0.023	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	0.0075	0.0056	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0750	0.0047	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.599	0.0042	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.023 (1)	0.023	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	1.84	0.0047	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.274	0.0048	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0701	0.0034	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.393	0.0045	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.60	0.0043	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0822	0.0043	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
234'6-TetraCB-(64)	ng/g	0.402	0.0038	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	1.52	0.0043	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	0.0171	0.0041	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0288	0.0044	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0221	0.0045	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.163	0.0061	0.010	0.000100	0.0000163	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.021 (1)	0.021	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0060	0.0060	0.010	0.000300	0.00000180	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.124	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	3.10	0.010	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.251	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.646	0.0084	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.34	0.0087	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.220	0.011	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	3.53	0.0089	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.649	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.042	0.011	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	1.18	0.010	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	0.0197	0.0096	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	1.65	0.0043	0.010	0.0000300	0.0000495	N/A	6126053

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.333	0.0031	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.105	0.0034	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	2.78	0.0082	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0928	0.0042	0.010	0.0000300	0.00000278	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	4.38	0.0042	0.010	0.0000300	0.000131	N/A	6126053
23'455'-PentaCB-(120)	ng/g	0.0127	0.0072	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0290	0.0039	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0416	0.0046	0.010	0.0000300	0.00000125	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.016 (1)	0.016	0.010	0.100	0.00160	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.679	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	6.12	0.012	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.223	0.014	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.022	0.015	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.449	0.014	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.108	0.013	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.073	0.014	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.918	0.021	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.124	0.016	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.230	0.014	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.053	0.011	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.246	0.012	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'345'6-HexaCB-(144)	ng/g	0.076	0.020	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.909	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	1.86	0.012	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	6.63	0.0098	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.067	0.017	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	0.016	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.417	0.0084	0.020	0.0000300	0.0000125	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.331	0.0085	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0223	0.0066	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.120	0.0084	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.182	0.0081	0.010	0.0000300	0.00000546	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0085	0.0085	0.010	0.0300	0.000255	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.464	0.0061	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.165	0.0078	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.0820	0.0080	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.136	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	0.025	0.013	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.0350	0.0098	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.289	0.0078	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.241	0.014	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	0.159	0.0094	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	1.24	0.0059	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.510	0.0078	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	0.0140	0.0090	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	1.30	0.012	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.0265	0.0077	0.010	0.0000300	0.000000795	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.101	0.0059	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.0203	0.0057	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.148	0.016	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	0.051	0.017	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.080	0.016	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	0.025	0.021	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.221	0.016	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	0.032	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.082	0.011	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.127	0.015	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	0.040	0.018	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00208	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	181 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	140	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	205 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	111	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	203 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	124	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	114	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	117	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	126	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	113	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	120	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	126	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	125	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	115	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ630						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C29 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	124	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	124	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	125	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	120	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	111	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.016	0.014	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0748	0.0025	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0070	0.0026	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0041	0.0025	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.0595	0.0025	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0096	0.0043	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.0166	0.0065	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.0306	0.0085	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.206	0.0061	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0093	0.0065	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.114	0.0058	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.516	0.0066	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0248	0.0042	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0100	0.0047	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0545	0.0039	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.456	0.0038	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0172	0.0037	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.0707	0.0053	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.214	0.0037	0.010	N/A	N/A	N/A	6126053

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N/A = Not Applicable

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0069 (1)	0.0069	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0056	0.0039	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0253	0.0053	0.010	0.000100	0.00000253	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0080	0.0034	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.010	0.000300	0.00000156	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.0326	0.0062	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.970	0.0052	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.0697	0.0058	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.232	0.0042	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.426	0.0044	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.0672	0.0052	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	1.36	0.0045	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.246	0.0053	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.423	0.0051	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.562	0.0049	0.010	0.0000300	0.0000169	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.125	0.0035	0.010	N/A	N/A	N/A	6126053

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0446	0.0039	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	0.997	0.0041	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0301	0.0048	0.010	0.0000300	0.000000903	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	1.58	0.0048	0.010	0.0000300	0.0000474	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0104	0.0044	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0150	0.0052	0.010	0.0000300	0.000000450	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.260	0.0075	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	2.68	0.0081	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.126	0.0095	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.174	0.0094	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.0491	0.0090	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.0440	0.0098	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.424	0.010	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.0376	0.0077	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.114	0.0098	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.0169	0.0078	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.126	0.0079	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.035	0.010	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.405	0.0073	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(147)+(149)	ng/g	0.910	0.0081	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	2.48	0.0067	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.0192	0.0085	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.213	0.0078	0.020	0.0000300	0.00000639	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.144	0.0058	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0113	0.0061	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.0566	0.0058	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.101	0.0074	0.010	0.0000300	0.00000303	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0078	0.0078	0.010	0.0300	0.000234	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.126	0.0085	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.055	0.011	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.036	0.011	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.061	0.011	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.147	0.011	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.107	0.016	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.067	0.011	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.488	0.0083	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.172	0.011	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.536	0.014	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.0104	0.0072	0.010	0.0000300	0.000000312	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0383	0.0084	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.037	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.056	0.018	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.030	0.012	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.038	0.017	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000773	N/A	N/A

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ633						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C32 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	0.022	0.017	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	0.020	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.0714	0.0095	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.277	0.0035	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0284	0.0037	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0392	0.0037	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0101	0.0036	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0273	0.0036	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.247	0.0035	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0280	0.0060	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.126	0.0093	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.146	0.012	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.026	0.011	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.728	0.0088	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	0.0196	0.0099	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0565	0.0094	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.446	0.0084	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	0.0194	0.0095	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	1.45	0.0094	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.152	0.0041	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0432	0.0068	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.200	0.0038	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.51	0.0037	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0550	0.0036	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.281	0.0076	0.010	N/A	N/A	N/A	6126053

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.836	0.0036	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0081 (1)	0.0081	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0177	0.0037	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0144	0.0038	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0881	0.0052	0.010	0.000100	0.00000881	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0154	0.0033	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0050	0.0050	0.010	0.000300	0.00000150	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.097	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	2.64	0.0095	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.214	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.539	0.0077	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.05	0.0080	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.198	0.0096	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	2.90	0.0082	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.538	0.0097	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0328	0.0098	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	1.04	0.0094	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	0.0174	0.0088	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	1.15	0.0066	0.010	0.0000300	0.0000345	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.232	0.0047	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.0789	0.0052	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	2.39	0.0076	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	0.0101	0.0070	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0662	0.0064	0.010	0.0000300	0.00000199	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	3.14	0.0064	0.010	0.0000300	0.0000942	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0223	0.0059	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0323	0.0069	0.010	0.0000300	0.000000969	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.011 (1)	0.011	0.010	0.100	0.00110	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.549	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	5.36	0.012	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.205	0.014	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.021	0.015	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.389	0.014	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.090	0.013	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.065	0.015	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.815	0.013	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.0968	0.0098	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.205	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.033 (1)	0.033	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.248	0.012	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.075	0.013	0.010	N/A	N/A	N/A	6126053

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3466'-HexaCB-(145)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.707	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	1.71	0.012	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	5.56	0.010	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.045	0.011	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	0.0083	0.0071	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.370	0.0080	0.020	0.0000300	0.0000111	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.280	0.0087	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0190	0.0063	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.104	0.0087	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.143	0.0077	0.010	0.0000300	0.00000429	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0081	0.0081	0.010	0.0300	0.000243	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.295	0.0098	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.105	0.013	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.065	0.013	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.162	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.0292	0.0099	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.221	0.013	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.185	0.014	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.128	0.0095	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.969	0.0095	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.304	0.013	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.840	0.012	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.016 (1)	0.016	0.010	0.0000300	0.000000480	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0783	0.0096	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.0154	0.0093	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.105	0.011	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	0.031	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.052	0.026	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.150	0.026	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	0.025	0.018	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.061	0.017	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.088	0.024	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.060	0.060	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00150	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	103	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	131	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ635						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C34 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	92	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	79	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	81	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.0183	0.0089	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.243	0.0031	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0058	0.0032	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0136	0.0033	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0051	0.0031	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.131	0.0031	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0545	0.0052	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.0406	0.0098	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.044	0.013	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.316	0.0092	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.0125	0.0098	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.181	0.0088	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.649	0.0099	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0455	0.0073	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0150	0.0071	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.174	0.0069	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.02	0.0066	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0379	0.0065	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.144	0.0080	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.658	0.0066	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0104	0.0066	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0110	0.0069	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0642	0.0093	0.010	0.000100	0.00000642	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0139	0.0060	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0091	0.0091	0.010	0.000300	0.00000273	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.053	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	1.37	0.0092	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.123	0.010	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.262	0.0074	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.618	0.0077	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.117	0.0093	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	1.91	0.0079	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.323	0.0094	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0197	0.0094	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.461	0.0091	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.816	0.0067	0.010	0.0000300	0.0000245	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.176	0.0048	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(108)+(124)	ng/g	0.0575	0.0053	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	1.45	0.0073	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0446	0.0065	0.010	0.0000300	0.00000134	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	2.27	0.0065	0.010	0.0000300	0.0000681	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0127	0.0060	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0229	0.0070	0.010	0.0000300	0.000000687	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0062	0.0062	0.010	0.100	0.000620	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.376	0.015	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	2.99	0.016	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	<0.12 (1)	0.12	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.316	0.019	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.057	0.018	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.061	0.019	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.519	0.011	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.0726	0.0083	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.080	0.019	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.016 (1)	0.016	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.125	0.016	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.041	0.011	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	0.486	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	1.29	0.016	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	2.47	0.013	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.024 (1)	0.024	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.245	0.0093	0.020	0.0000300	0.00000735	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.132	0.012	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0136	0.0074	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.093	0.011	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.103	0.0090	0.010	0.0000300	0.00000309	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0094	0.0094	0.010	0.0300	0.000282	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.107	0.0080	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.063	0.010	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.033	0.011	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.0911	0.0098	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.020	0.011	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.196	0.010	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.125	0.015	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.109	0.011	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	0.388	0.0077	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.149	0.010	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.651	0.013	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0084 (1)	0.0084	0.010	0.0000300	0.000000252	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0534	0.0078	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	<0.031 (1)	0.031	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.049	0.026	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.041	0.017	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.045	0.024	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00102	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	124	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	108	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	104	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	108	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	137	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	110	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	114	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	108	N/A	N/A	N/A	N/A	N/A	6126053

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ636						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C35 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	112	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	120	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	104	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	0.019	0.011	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.0837	0.0087	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.285	0.0029	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0110	0.0031	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0268	0.0031	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0068	0.0031	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0256	0.0030	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'5-TriCB-(31)	ng/g	0.233	0.0029	0.010	N/A	N/A	N/A	6126053
24'6-TriCB-(32)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0179	0.0050	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.105	0.011	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.151	0.014	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.025	0.013	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	1.09	0.010	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	0.052	0.011	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.673	0.0099	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	2.62	0.011	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0848	0.0051	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0692	0.0080	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.210	0.0048	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.81	0.0046	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0733	0.0046	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.394	0.0090	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'-TetraCB-(66)	ng/g	0.999	0.0046	0.010	N/A	N/A	N/A	6126053
23'45-TetraCB-(67)	ng/g	0.0069	0.0043	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0433	0.0047	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0284	0.0048	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0710	0.0065	0.010	0.000100	0.00000710	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0208	0.0042	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0064	0.0064	0.010	0.000300	0.00000192	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.117	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	5.30	0.0089	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.300	0.010	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	1.08	0.0072	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.85	0.0075	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.357	0.0090	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	6.11	0.0076	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	1.15	0.0091	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0496	0.0091	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	2.07	0.0087	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.033 (1)	0.033	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	2.07	0.0064	0.010	0.0000300	0.0000621	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5-PentaCB-(107)	ng/g	0.453	0.0046	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.145	0.0051	0.020	N/A	N/A	N/A	6126053
PentaCB-(110)+(115)	ng/g	4.32	0.0070	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	0.0131	0.0065	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.113	0.0062	0.010	0.0000300	0.00000339	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	6.34	0.0063	0.010	0.0000300	0.000190	N/A	6126053
23'455'-PentaCB-(120)	ng/g	0.0114	0.0062	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0234	0.0058	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0553	0.0068	0.010	0.0000300	0.00000166	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	0.0142	0.0060	0.010	0.100	0.00142	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	1.21	0.015	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	11.7	0.016	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.452	0.019	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.031	0.020	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.821	0.019	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.226	0.018	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.138	0.019	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	1.92	0.015	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.183	0.011	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.470	0.019	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.090	0.016	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.557	0.016	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.169	0.014	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'55'-HexaCB-(146)	ng/g	1.67	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	4.04	0.016	0.020	N/A	N/A	N/A	6126053
22'34'56'-HexaCB-(148)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	12.3	0.013	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.128	0.012	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	0.0235	0.0080	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.844	0.012	0.020	0.0000300	0.0000253	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.603	0.012	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0387	0.0098	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.234	0.011	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.319	0.012	0.010	0.0000300	0.00000957	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.013	0.013	0.010	0.0300	0.000390	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.751	0.0080	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.218	0.010	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.152	0.011	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.338	0.0099	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.030 (1)	0.030	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.046	0.015	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.483	0.010	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.406	0.020	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.276	0.014	0.010	N/A	N/A	N/A	6126053

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(180)+(193)	ng/g	2.49	0.0078	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.590	0.010	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	0.027	0.013	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	2.01	0.017	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.0493	0.0099	0.010	0.0000300	0.00000148	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.188	0.0079	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	0.0348	0.0076	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.253	0.019	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	0.058	0.020	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.110	0.024	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.279	0.025	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.039 (1)	0.039	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.120	0.017	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	0.167	0.022	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	0.057	0.024	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00211	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	114	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	184 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	131	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	200 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	181 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	112	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	126	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	106	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	154 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	71	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6126053

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ637						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C36 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	105	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	89	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.0424	0.0049	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0054	0.0052	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.0362	0.0049	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.0111	0.0072	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.0104	0.0093	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	0.0974	0.0067	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.0531	0.0064	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	0.203	0.0072	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.0154	0.0071	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	<0.0052	0.0052	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.0352	0.0067	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.244	0.0064	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0101	0.0063	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.0408	0.0058	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	0.142	0.0064	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0150	0.0090	0.010	0.000100	0.00000150	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0088	0.0088	0.010	0.000300	0.00000264	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	0.501	0.011	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.026	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.127	0.0085	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.168	0.0089	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.028	0.011	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	0.566	0.0091	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	0.101	0.011	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.011	0.011	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	0.161	0.010	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	0.239	0.0050	0.010	0.0000300	0.00000717	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.0522	0.0036	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.0152	0.0039	0.020	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	0.415	0.0084	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.0139	0.0049	0.010	0.0000300	0.000000417	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	0.656	0.0049	0.010	0.0000300	0.0000197	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0112	0.0053	0.010	0.0000300	0.000000336	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.128	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	1.06	0.012	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.042	0.014	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.064	0.014	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.022	0.014	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.020	0.015	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	0.190	0.014	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.012	0.011	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.048	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.054	0.012	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	0.162	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	0.298	0.012	0.020	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	0.973	0.010	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.0734	0.0074	0.020	0.0000300	0.00000220	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.0492	0.0088	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.0212	0.0088	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.0324	0.0071	0.010	0.0000300	0.000000972	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.0075	0.0075	0.010	0.0300	0.000225	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.0503	0.0075	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.0140	0.0097	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.0186	0.0093	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.0430	0.0096	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.039	0.014	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.0196	0.0095	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	0.167	0.0073	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6-HeptaCB-(183)	ng/g	0.0532	0.0097	0.010	N/A	N/A	N/A	6126053
22'344'66'-HeptaCB-(184)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	0.184	0.012	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	<0.0086	0.0086	0.010	0.0000300	0.000000258	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.0126	0.0074	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.017	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	<0.021	0.021	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000720	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	117	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	118	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	36	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	78	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ638						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	KVS-C37 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	88	N/A	N/A	N/A	N/A	N/A	6126053
C13-HexaCB-(156)+(157)	%	78	N/A	N/A	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
3-MonoCB-(2)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6126053
4-MonoCB-(3)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6126053
22'-DiCB-(4)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,3'-DiCB-(6)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2,4'-DiCB-(8)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6126053
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6126053
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6126053
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6126053
3,5-DiCB-(14)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
4,4'-DiCB-(15)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6126053
22'3-TriCB-(16)	ng/g	0.025	0.016	0.010	N/A	N/A	N/A	6126053
22'4-TriCB-(17)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6126053
TriCB-(18)+(30)	ng/g	0.108	0.0088	0.020	N/A	N/A	N/A	6126053
22'6-TriCB-(19)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6126053
TriCB-(20) + (28)	ng/g	0.434	0.0042	0.020	N/A	N/A	N/A	6126053
TriCB-(21)+(33)	ng/g	0.0209	0.0044	0.020	N/A	N/A	N/A	6126053
234'-TriCB-(22)	ng/g	0.0552	0.0044	0.010	N/A	N/A	N/A	6126053
235-TriCB-(23)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
236-TriCB-(24)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6126053
23'4-TriCB-(25)	ng/g	0.0135	0.0044	0.010	N/A	N/A	N/A	6126053
TriCB-(26)+(29)	ng/g	0.0392	0.0043	0.020	N/A	N/A	N/A	6126053
23'6-TriCB-(27)	ng/g	0.0135	0.0081	0.010	N/A	N/A	N/A	6126053
24'5-TriCB-(31)	ng/g	0.356	0.0042	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
24'6-TriCB-(32)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6126053
23'5'-TriCB-(34)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6126053
33'4-TriCB-(35)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
33'5-TriCB-(36)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6126053
344'-TriCB-(37)	ng/g	0.0436	0.0071	0.010	N/A	N/A	N/A	6126053
345-TriCB-(38)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6126053
34'5-TriCB-(39)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6126053
TetraCB-(40)+(41)+(71)	ng/g	0.128	0.0065	0.030	N/A	N/A	N/A	6126053
22'34'-TetraCB-(42)	ng/g	0.139	0.0085	0.010	N/A	N/A	N/A	6126053
22'35-TetraCB-(43)	ng/g	0.0367	0.0074	0.010	N/A	N/A	N/A	6126053
TetraCB-(44)+(47)+(65)	ng/g	1.02	0.0061	0.030	N/A	N/A	N/A	6126053
TetraCB-(45)+(51)	ng/g	0.0098	0.0069	0.020	N/A	N/A	N/A	6126053
22'36'-TetraCB-(46)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6126053
22'45-TetraCB-(48)	ng/g	<0.034 (1)	0.034	0.010	N/A	N/A	N/A	6126053
TetraCB-(49)+TetraCB-(69)	ng/g	0.996	0.0059	0.020	N/A	N/A	N/A	6126053
TetraCB-(50)+(53)	ng/g	0.0133	0.0066	0.020	N/A	N/A	N/A	6126053
22'55'-TetraCB-(52)	ng/g	3.80	0.0066	0.010	N/A	N/A	N/A	6126053
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6126053
233'4-TetraCB-(55)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6126053
233'4'-Tetra CB(56)	ng/g	0.176	0.0061	0.010	N/A	N/A	N/A	6126053
233'5-TetraCB-(57)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
233'5'-TetraCB-(58)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6126053
TetraCB-(59)+(62)+(75)	ng/g	0.0692	0.0047	0.030	N/A	N/A	N/A	6126053
2344'-TetraCB -(60)	ng/g	0.230	0.0057	0.010	N/A	N/A	N/A	6126053
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.19	0.0055	0.040	N/A	N/A	N/A	6126053
234'5-TetraCB-(63)	ng/g	0.0659	0.0054	0.010	N/A	N/A	N/A	6126053
234'6-TetraCB-(64)	ng/g	0.284	0.0053	0.010	N/A	N/A	N/A	6126053
23'44'-TetraCB-(66)	ng/g	1.03	0.0055	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45-TetraCB-(67)	ng/g	0.0123	0.0052	0.010	N/A	N/A	N/A	6126053
23'45'-TetraCB-(68)	ng/g	0.0321	0.0055	0.010	N/A	N/A	N/A	6126053
23'55'-TetraCB-(72)	ng/g	0.0265	0.0057	0.010	N/A	N/A	N/A	6126053
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
33'44'-TetraCB-(77)	ng/g	0.0705	0.0077	0.010	0.000100	0.00000705	N/A	6126053
33'45-TetraCB-(78)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6126053
33'45'-TetraCB(79)	ng/g	0.0134	0.0050	0.010	N/A	N/A	N/A	6126053
33'55'-TetraCB-(80)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6126053
344'5-TetraCB-(81)	ng/g	<0.0076	0.0076	0.010	0.000300	0.00000228	N/A	6126053
22'33'4-PentaCB-(82)	ng/g	0.139	0.016	0.010	N/A	N/A	N/A	6126053
PentaCB-(83)+(99)	ng/g	3.85	0.014	0.020	N/A	N/A	N/A	6126053
22'33'6-PentaCB-(84)	ng/g	0.300	0.015	0.010	N/A	N/A	N/A	6126053
PentaCB-(85)+(116)+(117)	ng/g	0.858	0.011	0.030	N/A	N/A	N/A	6126053
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.99	0.011	0.060	N/A	N/A	N/A	6126053
PentaCB-(88)+(91)	ng/g	0.345	0.014	0.020	N/A	N/A	N/A	6126053
22'346'-PentaCB-(89)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
PentaCB-(90)+(101)+(113)	ng/g	6.56	0.012	0.030	N/A	N/A	N/A	6126053
22'355'-PentaCB-(92)	ng/g	1.15	0.014	0.010	N/A	N/A	N/A	6126053
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.033	0.014	0.040	N/A	N/A	N/A	6126053
22'356'-PentaCB-(94)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'35'6-PentaCB-(95)	ng/g	2.28	0.013	0.010	N/A	N/A	N/A	6126053
22'366'-PentaCB-(96)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6126053
22'45'6-PentaCB-(103)	ng/g	<0.033 (1)	0.033	0.010	N/A	N/A	N/A	6126053
22'466'-PentaCB-(104)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6126053
233'44'-PentaCB-(105)	ng/g	1.50	0.0066	0.010	0.0000300	0.0000450	N/A	6126053
233'45-PentaCB-(106)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6126053
233'4'5-PentaCB-(107)	ng/g	0.250	0.0047	0.010	N/A	N/A	N/A	6126053
PentaCB-(108)+(124)	ng/g	0.107	0.0052	0.020	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(110)+(115)	ng/g	4.34	0.011	0.020	N/A	N/A	N/A	6126053
233'55'-PentaCB-(111)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
233'56-PentaCB-(112)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6126053
2344'5-PentaCB-(114)	ng/g	0.102	0.0064	0.010	0.0000300	0.00000306	N/A	6126053
23'44'5-PentaCB-(118)	ng/g	4.44	0.0064	0.010	0.0000300	0.000133	N/A	6126053
23'455'-PentaCB-(120)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6126053
23'45'6-PentaCB-(121)	ng/g	0.013	0.010	0.010	N/A	N/A	N/A	6126053
233'4'5'-PentaCB-(122)	ng/g	0.0239	0.0059	0.010	N/A	N/A	N/A	6126053
23'44'5'-PentaCB-(123)	ng/g	0.0387	0.0069	0.010	0.0000300	0.00000116	N/A	6126053
33'44'5-PentaCB-(126)	ng/g	<0.0081 (1)	0.0081	0.010	0.100	0.000810	N/A	6126053
33'455'-PentaCB-(127)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6126053
HexaCB-(128)+(166)	ng/g	0.875	0.011	0.020	N/A	N/A	N/A	6126053
HexaCB-(129)+(138)+(163)	ng/g	8.39	0.011	0.030	N/A	N/A	N/A	6126053
22'33'45'-HexaCB-(130)	ng/g	0.398	0.014	0.010	N/A	N/A	N/A	6126053
22'33'46-HexaCB-(131)	ng/g	0.031	0.014	0.010	N/A	N/A	N/A	6126053
22'33'46'-HexaCB-(132)	ng/g	0.726	0.013	0.010	N/A	N/A	N/A	6126053
22'33'55'-HexaCB-(133)	ng/g	0.166	0.013	0.010	N/A	N/A	N/A	6126053
HexaCB-(134)+(143)	ng/g	0.111	0.014	0.020	N/A	N/A	N/A	6126053
HexaCB-(135)+(151)	ng/g	1.63	0.021	0.020	N/A	N/A	N/A	6126053
22'33'66'-HexaCB-(136)	ng/g	0.178	0.016	0.010	N/A	N/A	N/A	6126053
22'344'5-HexaCB-(137)	ng/g	0.319	0.014	0.010	N/A	N/A	N/A	6126053
HexaCB-(139)+(140)	ng/g	0.063	0.011	0.020	N/A	N/A	N/A	6126053
22'3455'-HexaCB-(141)	ng/g	0.421	0.011	0.010	N/A	N/A	N/A	6126053
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'345'6-HexaCB-(144)	ng/g	0.165	0.020	0.010	N/A	N/A	N/A	6126053
22'3466'-HexaCB-(145)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
22'34'55'-HexaCB-(146)	ng/g	1.36	0.010	0.010	N/A	N/A	N/A	6126053
HexaCB-(147)+(149)	ng/g	3.69	0.012	0.020	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6126053
22'34'66'-HexaCB-(150)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'3566'-HexaCB-(152)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6126053
HexaCB-(153)+(168)	ng/g	8.36	0.0096	0.010	N/A	N/A	N/A	6126053
22'44'56'-HexaCB-(154)	ng/g	0.095	0.017	0.010	N/A	N/A	N/A	6126053
22'44'66'-HexaCB-(155)	ng/g	0.021	0.011	0.010	N/A	N/A	N/A	6126053
HexaCB-(156)+(157)	ng/g	0.470	0.011	0.020	0.0000300	0.0000141	N/A	6126053
233'44'6-HexaCB-(158)	ng/g	0.442	0.0083	0.010	N/A	N/A	N/A	6126053
233'455'-HexaCB-(159)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6126053
233'456-HexaCB-(160)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6126053
233'45'6-HexaCB-(161)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6126053
233'4'55'-HexaCB-(162)	ng/g	0.0121	0.0087	0.010	N/A	N/A	N/A	6126053
233'4'5'6-HexaCB-(164)	ng/g	0.185	0.0082	0.010	N/A	N/A	N/A	6126053
233'55'6-HexaCB-(165)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6126053
23'44'55'-HexaCB-(167)	ng/g	0.167	0.011	0.010	0.0000300	0.00000501	N/A	6126053
33'44'55'-HexaCB-(169)	ng/g	<0.011	0.011	0.010	0.0300	0.000330	N/A	6126053
22'33'44'5-HeptaCB-(170)	ng/g	0.326	0.013	0.010	N/A	N/A	N/A	6126053
HeptaCB-(171)+(173)	ng/g	0.130	0.017	0.020	N/A	N/A	N/A	6126053
22'33'455'-HeptaCB-(172)	ng/g	0.088	0.018	0.010	N/A	N/A	N/A	6126053
22'33'456'-HeptaCB-(174)	ng/g	0.193	0.017	0.010	N/A	N/A	N/A	6126053
22'33'45'6-HeptaCB-(175)	ng/g	0.024	0.017	0.010	N/A	N/A	N/A	6126053
22'33'466'-HeptaCB-(176)	ng/g	0.041	0.013	0.010	N/A	N/A	N/A	6126053
22'33'45'6'-HeptaCB-(177)	ng/g	0.350	0.017	0.010	N/A	N/A	N/A	6126053
22'33'55'6-HeptaCB-(178)	ng/g	0.288	0.018	0.010	N/A	N/A	N/A	6126053
22'33'566'-HeptaCB-(179)	ng/g	0.195	0.012	0.010	N/A	N/A	N/A	6126053
HeptaCB-(180)+(193)	ng/g	1.09	0.013	0.020	N/A	N/A	N/A	6126053
22'344'56-HeptaCB-(181)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'344'56'-HeptaCB-(182)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6126053
22'344'5'6-HeptaCB-(183)	ng/g	0.394	0.017	0.010	N/A	N/A	N/A	6126053

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.019 (1)	0.019	0.010	N/A	N/A	N/A	6126053
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6126053
22'34566'-HeptaCB-(186)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'34'55'6-HeptaCB-(187)	ng/g	1.41	0.015	0.010	N/A	N/A	N/A	6126053
22'34'566'-HeptaCB-(188)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
233'44'55'-HeptaCB-(189)	ng/g	0.0212	0.0076	0.010	0.0000300	0.000000636	N/A	6126053
233'44'56-HeptaCB-(190)	ng/g	0.088	0.013	0.010	N/A	N/A	N/A	6126053
233'44'5'6-HeptaCB-(191)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6126053
233'455'6-HeptaCB-(192)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6126053
22'33'44'55'-OctaCB-(194)	ng/g	0.106	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56-OctaCB-(195)	ng/g	0.033	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'56'-OctaCB-(196)	ng/g	0.058	0.025	0.010	N/A	N/A	N/A	6126053
22'33'44'66'OctaCB-(197)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6126053
OctaCB-(198)+(199)	ng/g	0.161	0.025	0.020	N/A	N/A	N/A	6126053
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'45'66'-OctaCB-(201)	ng/g	0.030	0.017	0.010	N/A	N/A	N/A	6126053
22'33'55'66'-OctaCB-(202)	ng/g	0.076	0.017	0.010	N/A	N/A	N/A	6126053
22'344'55'6-OctaCB-(203)	ng/g	<0.086 (1)	0.086	0.010	N/A	N/A	N/A	6126053
22'344'566'-OctaCB-(204)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6126053
233'44'55'6-OctaCB-(205)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6126053
22'33'44'55'6-NonaCB-(206)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6126053
22'33'44'566'-NonaCB-(207)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6126053
22'33'455'66'-NonaCB-(208)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6126053
DecaCB-(209)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6126053
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00135	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'66'-OctaCB-(202)	%	164 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'344'55'-HeptaCB-(180)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'34'566'-HeptaCB-(188)	%	107	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'44'66'-HexaCB-(155)	%	116	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'466'-PentaCB-(104)	%	102	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'6-TriCB-(19)	%	96	N/A	N/A	N/A	N/A	N/A	6126053
C13-22'-DiCB-(4)	%	89	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-2344'5-PentaCB-(114)	%	74	N/A	N/A	N/A	N/A	N/A	6126053
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6126053
C13-2'344'5-PentaCB-(123)	%	83	N/A	N/A	N/A	N/A	N/A	6126053
C13-2-MonoCB-(1)	%	77	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6126053
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6126053
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6126053
C13-44'-DiCB-(15)	%	90	N/A	N/A	N/A	N/A	N/A	6126053
C13-4-MonoCB-(3)	%	81	N/A	N/A	N/A	N/A	N/A	6126053
C13-DecaCB-(209)	%	95	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		IUZ640						
Sampling Date								
COC Number					TOXIC EQUIVALENCY		# of	
	UNITS	LNGC-C61 HEPATO	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6126053

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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TEST SUMMARY

BV Labs ID: IQZ803
Sample ID: LNGC-C01 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/02	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

BV Labs ID: IQZ803 Dup
Sample ID: LNGC-C01 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/02	Wenhui (Susie) Shi

BV Labs ID: IQZ805
Sample ID: LNGC-C02 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/02	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

BV Labs ID: IQZ807
Sample ID: LNGC-C03 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/03	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

BV Labs ID: IQZ809
Sample ID: LNGC-C04 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ809 Dup
Sample ID: LNGC-C04 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

BV Labs ID: IQZ810
Sample ID: LNGC-C05 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/04	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/29	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/22	Cathy Xu

BV Labs ID: IQZ812
Sample ID: LNGC-C07 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/04	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/19	Cathy Xu

BV Labs ID: IQZ815
Sample ID: LNGC-C09 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/19	Cathy Xu

BV Labs ID: IQZ818
Sample ID: LNGC-C11 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/19	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ820
Sample ID: LNGC-C12 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/04	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/19	Cathy Xu

BV Labs ID: IQZ822
Sample ID: LNGC-C13 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/17	Cathy Xu

BV Labs ID: IQZ824
Sample ID: LNGC-C14 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/04	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/17	Cathy Xu

BV Labs ID: IQZ826
Sample ID: LNGC-C16 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/05	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/17	Cathy Xu

BV Labs ID: IQZ828
Sample ID: LNGC-C17 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6048585	2019/03/27	2019/04/05	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ830
Sample ID: LNGC-C18 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/23	Owen Cosby
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/29	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ833
Sample ID: LNGC-C20 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/06	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ833 Dup
Sample ID: LNGC-C20 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/06	Wenhui (Susie) Shi

BV Labs ID: IQZ862
Sample ID: RT-C01 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ865
Sample ID: RT-C04 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ865 Dup
Sample ID: RT-C04 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/30	Cathy Xu

BV Labs ID: IQZ867
Sample ID: RT-C06-MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/30	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ869
Sample ID: RT-C07 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ871
Sample ID: RT-C08 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6053404	2019/04/01	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6053911	2019/04/04	2019/04/04	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6148063	2019/05/26	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6059521	2019/04/01	2019/04/18	Cathy Xu

BV Labs ID: IQZ873
Sample ID: RT-C09 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/23	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ873 Dup
Sample ID: RT-C09 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/23	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ875
Sample ID: RT-C10 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/18	Cathy Xu

BV Labs ID: IQZ877
Sample ID: RT-C11 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ879
Sample ID: RT-C12 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ879 Dup
Sample ID: RT-C12 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic

BV Labs ID: IQZ881
Sample ID: RT-C13 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni

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TEST SUMMARY

BV Labs ID: IQZ881
Sample ID: RT-C13 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/18	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ883
Sample ID: RT-C15 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/19	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ885
Sample ID: RT-C16 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/07	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/19	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ887
Sample ID: RT-C17 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/08	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/19	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

BV Labs ID: IQZ890
Sample ID: RT-C19 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/08	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/19	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/16	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ892
Sample ID: RT-C20 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/08	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/19	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ922
Sample ID: RT-CLAMS C01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/08	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ923
Sample ID: RT-CLAMS C02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/24	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ924
Sample ID: RT-CLAMS C03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/09	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ925
Sample ID: RT-CLAMS C04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/23	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ926
Sample ID: RT-CLAMS C05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ927
Sample ID: RT-CLAMS C06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ928
Sample ID: RT-CLAMS C07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ929
Sample ID: RT-CLAMS C08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/24	Owen Cosby
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

BV Labs ID: IQZ930
Sample ID: RT-CLAMS C09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/09	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/17	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ931
Sample ID: RT-CLAMS C10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6056927	2019/04/03	2019/04/09	Wenhui (Susie) Shi
Percent Lipid Content	M	6063041	2019/04/10	2019/04/10	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6069832	2019/04/14	2019/04/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6071630	2019/04/05	2019/04/18	Cathy Xu

BV Labs ID: IQZ932
Sample ID: RT-CLAMS C11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/18	Nishat Tasnim

BV Labs ID: IQZ933
Sample ID: RT-CLAMS C12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6118079	2019/05/13	2019/05/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

BV Labs ID: IQZ933 Dup
Sample ID: RT-CLAMS C12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6118079	2019/05/13	2019/05/15	Branko Vrzic

BV Labs ID: IQZ934
Sample ID: RT-CLAMS C13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IQZ935
Sample ID: RT-CLAMS C14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6118079	2019/05/13	2019/05/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

BV Labs ID: IQZ936
Sample ID: RT-CLAMS C15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/14	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

BV Labs ID: IQZ937
Sample ID: KILD-C01 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/19	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/25	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ939
Sample ID: KILD-C02 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/21	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ939 Dup
Sample ID: KILD-C02 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ941 **Collected:**
Sample ID: KILD-C03 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/21	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ942 **Collected:**
Sample ID: KILD-C04 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/21	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ944 **Collected:**
Sample ID: KILD-C05 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/21	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ946 **Collected:**
Sample ID: KILD-C06 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ946 Dup **Collected:**
Sample ID: KILD-C06 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IQZ948
Sample ID: KILD-C08 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ950
Sample ID: KILD-C09 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ952
Sample ID: KILD-C10 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/10	Cathy Xu

BV Labs ID: IQZ954
Sample ID: KILD-C11 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5985836	2019/02/15	2019/02/23	Cathy Xu

BV Labs ID: IQZ956
Sample ID: KILD-C12 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5970054	2019/02/20	2019/02/25	Cathy Xu

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TEST SUMMARY

BV Labs ID: IQZ957
Sample ID: KILD-C13 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/20	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ959
Sample ID: KILD-C14 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ960
Sample ID: KILD-C15 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/23	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ962
Sample ID: KILD-C16 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5976161	2019/02/13	2019/02/20	Angel Guerrero
Percent Lipid Content	M	5962818	2019/02/04	2019/02/06	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	5984276	2019/02/21	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968887	2019/02/04	2019/02/11	Cathy Xu

BV Labs ID: IQZ997
Sample ID: KVS-C01 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/12	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IQZ999
Sample ID: KVS-C02 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6118079	2019/05/13	2019/05/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

BV Labs ID: IQZ999 Dup
Sample ID: KVS-C02 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby

BV Labs ID: IRA001
Sample ID: KVS-C03 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/19	Nishat Tasnim

BV Labs ID: IRA003
Sample ID: KVS-C04 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/14	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA003 Dup
Sample ID: KVS-C04 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA005
Sample ID: KVS-C05 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IRA005
Sample ID: KVS-C05 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA007
Sample ID: KVS-C06 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/04/14	2019/05/09	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA007 Dup
Sample ID: KVS-C06 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic

BV Labs ID: IRA009
Sample ID: KVS-C07 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/14	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA009 Dup
Sample ID: KVS-C07 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic

BV Labs ID: IRA011
Sample ID: KVS-C08 MEAT
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/15	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA013
Sample ID: KVS-C09 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/15	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA015
Sample ID: KVS-C10 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA017
Sample ID: KVS-C11 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA019
Sample ID: KVS-C12 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/15	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA022
Sample ID: KVS-C14 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6065797	2019/04/11	2019/04/15	Wenhui (Susie) Shi
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA026
Sample ID: KVS-C17 MEAT
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6125075	2019/05/16	2019/05/20	Owen Cosby
Percent Lipid Content	M	6070556	2019/04/15	2019/04/15	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6069287	2019/04/13	2019/04/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6076141	2019/04/10	2019/04/20	Nishat Tasnim

BV Labs ID: IRA031
Sample ID: KILD-CLAMS 01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5982955	2019/02/20	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA032
Sample ID: KILD-CLAMS 02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5982955	2019/02/20	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA033
Sample ID: KILD-CLAMS 03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5982955	2019/02/20	2019/02/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA033 Dup
Sample ID: KILD-CLAMS 03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	5982955	2019/02/20	2019/02/22	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IRA034 **Collected:**
Sample ID: KILD-CLAMS 04 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/28	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA035 **Collected:**
Sample ID: KILD-CLAMS 05 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5982955	2019/02/20	2019/02/23	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA036 **Collected:**
Sample ID: KILD-CLAMS 06 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA037 **Collected:**
Sample ID: KILD-CLAMS 07 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5975799	2019/02/13	2019/02/14	Wenhui (Susie) Shi
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/25	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA037 Dup **Collected:**
Sample ID: KILD-CLAMS 07 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5975799	2019/02/13	2019/02/15	Wenhui (Susie) Shi

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TEST SUMMARY

BV Labs ID: IRA038
Sample ID: KILD-CLAMS 08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/28	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA039
Sample ID: KILD-CLAMS 09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5988747	2019/02/22	2019/02/24	Cathy Xu
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA040
Sample ID: KILD-CLAMS 10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/28	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA041
Sample ID: KILD-CLAMS 11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA041 Dup
Sample ID: KILD-CLAMS 11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby

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TEST SUMMARY

BV Labs ID: IRA042 **Collected:**
Sample ID: KILD-CLAMS 12 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/25	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA043 **Collected:**
Sample ID: KILD-CLAMS 13 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5988751	2019/02/24	2019/02/25	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA043 Dup **Collected:**
Sample ID: KILD-CLAMS 13 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA044 **Collected:**
Sample ID: KILD-CLAMS 14 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5971767	2019/02/09	2019/02/13	Angel Guerrero
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

BV Labs ID: IRA045 **Collected:**
Sample ID: KILD-CLAMS 15 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	5979289	2019/02/17	2019/02/20	Owen Cosby
Percent Lipid Content	M	5961364	2019/02/05	2019/02/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	5968550	2019/02/03	2019/02/09	Cathy Xu

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TEST SUMMARY

BV Labs ID: IRA045 Dup
Sample ID: KILD-CLAMS 15
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	5995364	2019/02/28	2019/03/03	Branko Vrzic

BV Labs ID: IRA064
Sample ID: HARBOUR-SOLE-01
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6075060	2019/04/17	2019/04/25	Wenhui (Susie) Shi
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/07	Nishat Tasnim

BV Labs ID: IRA065
Sample ID: HARBOUR-SOLE-02
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/09	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/07	Nishat Tasnim

BV Labs ID: IRA065 Dup
Sample ID: HARBOUR-SOLE-02
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/07	Nishat Tasnim

BV Labs ID: IRA066
Sample ID: HARBOUR-SOLE-03
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/09	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA067
Sample ID: HARBOUR-SOLE-04
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby

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TEST SUMMARY

BV Labs ID: IRA067
Sample ID: HARBOUR-SOLE-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/14	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA068
Sample ID: HARBOUR-SOLE-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/14	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA069
Sample ID: HARBOUR-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/14	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA070
Sample ID: HARBOUR-SOLE-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/14	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA071
Sample ID: HARBOUR-SOLE-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA072
Sample ID: HARBOUR-SOLE-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/08	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA073
Sample ID: HARBOUR-SOLE-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6063796	2019/04/10	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA074
Sample ID: HARBOUR-SOLE-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6063796	2019/04/10	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA075
Sample ID: HARBOUR-SOLE-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/08	Nishat Tasnim

BV Labs ID: IRA076
Sample ID: HARBOUR-SOLE-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA077
Sample ID: HARBOUR-SOLE-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA078
Sample ID: HARBOUR-SOLE-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA079
Sample ID: KARM-SOLE-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA080
Sample ID: KARM-SOLE-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/09	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA081
Sample ID: KARM-SOLE-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/24	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA082
Sample ID: KARM-SOLE-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/10	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA083
Sample ID: KARM-SOLE-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6058195	2019/04/05	2019/04/10	Owen Cosby
Percent Lipid Content	M	6079705	2019/04/20	2019/04/20	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117980	2019/05/13	2019/05/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6093649	2019/04/29	2019/05/09	Nishat Tasnim

BV Labs ID: IRA084
Sample ID: KARM-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/09	Nishat Tasnim

BV Labs ID: IRA084 Dup
Sample ID: KARM-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA085
Sample ID: KARM-SOLE-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA086 **Collected:**
Sample ID: KARM-SOLE-08 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6133366	2019/05/22	2019/05/24	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA087 **Collected:**
Sample ID: KARM-SOLE-09 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA087 Dup **Collected:**
Sample ID: KARM-SOLE-09 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6144881	2019/05/28	2019/05/31	Cathy Xu

BV Labs ID: IRA088 **Collected:**
Sample ID: KARM-SOLE-10 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA088 Dup **Collected:**
Sample ID: KARM-SOLE-10 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic

BV Labs ID: IRA089 **Collected:**
Sample ID: KARM-SOLE-11 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IRA089
Sample ID: KARM-SOLE-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA090
Sample ID: KARM-SOLE-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA091
Sample ID: KARM-SOLE-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA092
Sample ID: KARM-SOLE-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/16	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA093
Sample ID: KARM-SOLE-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6117615	2019/05/12	2019/05/14	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA094 **Collected:**
Sample ID: KV-SOLE-01 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA095 **Collected:**
Sample ID: KV-SOLE-02 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/09	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA096 **Collected:**
Sample ID: KV-SOLE-03 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA097 **Collected:**
Sample ID: KV-SOLE-04 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA098 **Collected:**
Sample ID: KV-SOLE-05 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA099
Sample ID: KV-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA099 Dup
Sample ID: KV-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby

BV Labs ID: IRA100
Sample ID: KV-SOLE-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA101
Sample ID: KV-SOLE-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA102
Sample ID: KV-SOLE-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA103 **Collected:**
Sample ID: KV-SOLE-10 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6113141	2019/05/09	2019/05/17	Owen Cosby
Percent Lipid Content	M	6104554	2019/05/05	2019/05/05	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6113655	2019/05/01	2019/05/10	Nishat Tasnim

BV Labs ID: IRA104 **Collected:**
Sample ID: KV-SOLE-11 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6075060	2019/04/17	2019/04/25	Wenhui (Susie) Shi
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/16	Nishat Tasnim

BV Labs ID: IRA104 Dup **Collected:**
Sample ID: KV-SOLE-11 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6075060	2019/04/17	2019/04/25	Wenhui (Susie) Shi
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/16	Nishat Tasnim

BV Labs ID: IRA105 **Collected:**
Sample ID: KV-SOLE-12 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6075060	2019/04/17	2019/04/25	Wenhui (Susie) Shi
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/16	Nishat Tasnim

BV Labs ID: IRA106 **Collected:**
Sample ID: KV-SOLE-13 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6068347	2019/04/10	2019/04/12	Wenhui (Susie) Shi
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/10	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IRA107 **Collected:**
Sample ID: KV-SOLE-14 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6068347	2019/04/10	2019/04/12	Wenhui (Susie) Shi
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/11	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IRA108 **Collected:**
Sample ID: KV-SOLE-15 **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6075060	2019/04/17	2019/04/25	Wenhui (Susie) Shi
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IRA110 **Collected:**
Sample ID: KVS-C21 MEAT **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6068347	2019/04/10	2019/04/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6113570	2019/05/09	2019/05/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ452 **Collected:**
Sample ID: LNGC-C01 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/04/30	Branko Vrzic

BV Labs ID: IUZ468 **Collected:**
Sample ID: LNGC-C02 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/22	Nishat Tasnim

BV Labs ID: IUZ468 Dup **Collected:**
Sample ID: LNGC-C02 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/22	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ469
Sample ID: LNGC-C03 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/29	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ469 Dup
Sample ID: LNGC-C03 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/29	Owen Cosby

BV Labs ID: IUZ470
Sample ID: LNGC-C06 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ471
Sample ID: LNGC-C07 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/04/30	Branko Vrzic

BV Labs ID: IUZ472
Sample ID: LNGC-C08 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ473
Sample ID: LNGC-C09 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/04/30	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ474
Sample ID: LNGC-C10 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ475
Sample ID: LNGC-C11 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ476
Sample ID: LNGC-C12 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ477
Sample ID: LNGC-C13 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ478
Sample ID: LNGC-C14 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ479
Sample ID: LNGC-C16 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/04/30	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ480
Sample ID: LNGC-C17 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ481
Sample ID: LNGC-C18 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ482
Sample ID: LNGC-C19 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ482 Dup
Sample ID: LNGC-C19 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ483
Sample ID: LNGC-C20 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ484
Sample ID: LNGC-C21 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ485 **Collected:**
Sample ID: LNGC-C22 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ486 **Collected:**
Sample ID: LNGC-C23 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ487 **Collected:**
Sample ID: LNGC-C25 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ488 **Collected:**
Sample ID: LNGC-C26 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ489 **Collected:**
Sample ID: LNGC-C27 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ490 **Collected:**
Sample ID: LNGC-C28 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ491 **Collected:**
Sample ID: LNGC-C29 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/14	Nishat Tasnim

BV Labs ID: IUZ492 **Collected:**
Sample ID: LNGC-C30 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ493 **Collected:**
Sample ID: LNGC-C34 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ494 **Collected:**
Sample ID: LNGC-C35 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/01	Branko Vrzic

BV Labs ID: IUZ495 **Collected:**
Sample ID: LNGC-C36 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ496 **Collected:**
Sample ID: LNGC-C37 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ497 **Collected:**
Sample ID: LNGC-C38 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/02	Branko Vrzic

BV Labs ID: IUZ498 **Collected:**
Sample ID: LNGC-C39 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/02	Branko Vrzic

BV Labs ID: IUZ499 **Collected:**
Sample ID: LNGC-C40 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/02	Branko Vrzic

BV Labs ID: IUZ500 **Collected:**
Sample ID: LNGC-C42 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ501 **Collected:**
Sample ID: LNGC-C45 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ502 **Collected:**
Sample ID: LNGC-C46 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ503
Sample ID: LNGC-C50 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6091970	2019/04/26	2019/04/26	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6095379	2019/04/22	2019/05/02	Branko Vrzic

BV Labs ID: IUZ504
Sample ID: LNGC-C53 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ505
Sample ID: LNGC-C54 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ506
Sample ID: LNGC-C55 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110763	2019/04/12	2019/05/06	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ507
Sample ID: LNGC-C56 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

BV Labs ID: IUZ508
Sample ID: LNGC-C57 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ509
Sample ID: LNGC-C59 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/12	2019/05/03	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/04/30	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ510
Sample ID: RT-C01 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/05/01	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ511
Sample ID: RT-C03 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

BV Labs ID: IUZ512
Sample ID: RT-C04 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/12	2019/05/03	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/05/01	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ513
Sample ID: RT-C06 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/12	2019/05/03	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/05/01	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ514
Sample ID: RT-C07 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/12	2019/05/03	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/05/01	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ515
Sample ID: RT-C08 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/12	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6088450	2019/04/12	2019/05/01	Owen Cosby
Percent Lipid Content	M	6115416	2019/04/17	2019/04/17	Angel Guerrero

BV Labs ID: IUZ516
Sample ID: RT-C09 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

BV Labs ID: IUZ517
Sample ID: RT-C10 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ518
Sample ID: RT-C11 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

BV Labs ID: IUZ518 Dup
Sample ID: RT-C11 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

BV Labs ID: IUZ519
Sample ID: RT-C12 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ520
Sample ID: RT-C13 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ521
Sample ID: RT-C15 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ522
Sample ID: RT-C16 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ522 Dup
Sample ID: RT-C16 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby

BV Labs ID: IUZ523
Sample ID: RT-C17 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ524
Sample ID: RT-C18 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/26	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/05	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ525
Sample ID: RT-C19 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ526
Sample ID: RT-C20 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ527
Sample ID: RT-C21 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ528
Sample ID: RT-C22 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ529
Sample ID: RT-C23 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ530
Sample ID: RT-C24 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ531 **Collected:**
Sample ID: RT-C25 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ532 **Collected:**
Sample ID: RT-C26 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ533 **Collected:**
Sample ID: RT-C27 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ534 **Collected:**
Sample ID: RT-C28 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ535 **Collected:**
Sample ID: RT-C29 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ536 **Collected:**
Sample ID: RT-C30 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ537
Sample ID: RT-C31 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ538
Sample ID: RT-C32 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ539
Sample ID: RT-C33 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ540
Sample ID: RT-C34 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/04/30	Nishat Tasnim

BV Labs ID: IUZ541
Sample ID: RT-C35 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ542
Sample ID: RT-C36 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ543
Sample ID: RT-C37 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ544
Sample ID: RT-C38 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ545
Sample ID: RT-C39 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ546
Sample ID: RT-C40 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ547
Sample ID: RT-C41 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ547 Dup
Sample ID: RT-C41 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ548
Sample ID: RT-C42 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/04/29	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ549
Sample ID: RT-C43 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ550
Sample ID: RT-C44 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ551
Sample ID: RT-C45 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ552
Sample ID: RT-C46 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ553
Sample ID: RT-C48 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ554 **Collected:**
Sample ID: RT-C49 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/01	Nishat Tasnim

BV Labs ID: IUZ555 **Collected:**
Sample ID: KILD-C01 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/13	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ555 Dup **Collected:**
Sample ID: KILD-C01 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/13	Owen Cosby

BV Labs ID: IUZ556 **Collected:**
Sample ID: KILD-C02 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/13	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ557 **Collected:**
Sample ID: KILD-C04 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/22	Branko Vrzic

BV Labs ID: IUZ558 **Collected:**
Sample ID: KILD-C05 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/15	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/13	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

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TEST SUMMARY

BV Labs ID: IUZ559 **Collected:**
Sample ID: KILD-C07 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ560 **Collected:**
Sample ID: KILD-C08 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ560 Dup **Collected:**
Sample ID: KILD-C08 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ561 **Collected:**
Sample ID: KILD-C09 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ562 **Collected:**
Sample ID: KILD-C10 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ563 **Collected:**
Sample ID: KILD-C11 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/22	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ564 **Collected:**
Sample ID: KILD-C13 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ565 **Collected:**
Sample ID: KILD-C15 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/22	Branko Vrzic

BV Labs ID: IUZ566 **Collected:**
Sample ID: KILD-C16 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ566 Dup **Collected:**
Sample ID: KILD-C16 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ567 **Collected:**
Sample ID: KILD-C17 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ568 **Collected:**
Sample ID: KILD-C18 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/15	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/13	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

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TEST SUMMARY

BV Labs ID: IUZ569
Sample ID: KILD-C19 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/18	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ570
Sample ID: KILD-C20 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ571
Sample ID: KILD-C21 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ572
Sample ID: KILD-C25 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/18	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ573
Sample ID: KILD-C26 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ574
Sample ID: KILD-C28 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ575 **Collected:**
Sample ID: KILD-C29 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ576 **Collected:**
Sample ID: KILD-C30 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ579 **Collected:**
Sample ID: KILD-C32 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/12	Cathy Xu

BV Labs ID: IUZ580 **Collected:**
Sample ID: KILD-C33 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ581 **Collected:**
Sample ID: KILD-C34 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/18	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ582 **Collected:**
Sample ID: KILD-C35 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

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TEST SUMMARY

BV Labs ID: IUZ583 **Collected:**
Sample ID: KILD-C36 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ584 **Collected:**
Sample ID: KILD-C37 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ585 **Collected:**
Sample ID: KILD-C38 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/18	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ586 **Collected:**
Sample ID: KILD-C39 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6024321	2019/03/07	2019/03/18	Angel Guerrero
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/15	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ587 **Collected:**
Sample ID: KILD-C40 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6042366	2019/03/18	2019/03/28	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6045784	2019/03/25	2019/03/30	Branko Vrzic

BV Labs ID: IUZ588 **Collected:**
Sample ID: KILD-C41 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/19	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

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TEST SUMMARY

BV Labs ID: IUZ589
Sample ID: KILD-C42 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6035473	2019/03/25	2019/04/02	Wenhui (Susie) Shi
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ590
Sample ID: KILD-C43 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/19	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ591
Sample ID: KILD-C44 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

BV Labs ID: IUZ592
Sample ID: KILD-C45 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

BV Labs ID: IUZ593
Sample ID: KILD-C46 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

BV Labs ID: IUZ594
Sample ID: KILD-C47 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

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TEST SUMMARY

BV Labs ID: IUZ595 **Collected:**
Sample ID: KILD-C48 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ596 **Collected:**
Sample ID: KILD-C49 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ597 **Collected:**
Sample ID: KILD C50 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6023680	2019/03/18	2019/03/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6024017	2019/03/13	2019/03/23	Branko Vrzic

BV Labs ID: IUZ598 **Collected:**
Sample ID: KILD-C51 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/19	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

BV Labs ID: IUZ599 **Collected:**
Sample ID: KILD-C52 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

BV Labs ID: IUZ600 **Collected:**
Sample ID: KILD-C53 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6013390	2019/03/07	2019/03/19	Owen Cosby
Percent Lipid Content	M	6024319	2019/03/28	2019/04/18	Hiral Soni

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TEST SUMMARY

BV Labs ID: IUZ601 **Collected:**
Sample ID: KILD-C54 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6005467	2019/03/06	2019/03/06	Georgekutty Madathil
PCB Congeners in Tissue (1668A)	HRMS/MS	6014276	2019/02/26	2019/03/13	Cathy Xu

BV Labs ID: IUZ602 **Collected:**
Sample ID: KVS-C01 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/02	Nishat Tasnim

BV Labs ID: IUZ603 **Collected:**
Sample ID: KVS-C02 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ604 **Collected:**
Sample ID: KVS-C03 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ605 **Collected:**
Sample ID: KVS-C04 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ606 **Collected:**
Sample ID: KVS-C05 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

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TEST SUMMARY

BV Labs ID: IUZ607
Sample ID: KVS-C06 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ608
Sample ID: KVS-C07 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6096442	2019/04/30	2019/04/30	Owen Cosby
PAHs in Tissue (CARB429mod)	HRMS/MS	6104533	2019/04/23	2019/05/06	Branko Vrzic

BV Labs ID: IUZ609
Sample ID: KVS-C08 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ610
Sample ID: KVS-C09 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ611
Sample ID: KVS-C10 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ612
Sample ID: KVS-C17 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ613
Sample ID: KVS-C12 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6093543	2019/04/24	2019/04/24	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6095733	2019/04/19	2019/05/02	Nishat Tasnim

BV Labs ID: IUZ614
Sample ID: KVS-C13 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ615
Sample ID: KVS-C14 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ616
Sample ID: KVS-C15 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ617
Sample ID: KVS-C16 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ618
Sample ID: KVS-C11 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6108403	2019/04/16	2019/05/04	Wenhui (Susie) Shi
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/02	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ619
Sample ID: KVS-C18 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6110831	2019/05/08	2019/05/08	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6120687	2019/05/04	2019/05/15	Nishat Tasnim

BV Labs ID: IUZ620
Sample ID: KVS-C19 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ621
Sample ID: KVS-C20 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ622
Sample ID: KVS-C21 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110845	2019/04/16	2019/05/07	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/03	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ623
Sample ID: KVS-C22 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/22	Branko Vrzic

BV Labs ID: IUZ624
Sample ID: KVS-C23 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110845	2019/04/16	2019/05/07	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/03	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

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TEST SUMMARY

BV Labs ID: IUZ625
Sample ID: KVS-C24 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

BV Labs ID: IUZ626
Sample ID: KVS-C25 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110845	2019/04/16	2019/05/07	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/03	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ627
Sample ID: KVS-C26 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

BV Labs ID: IUZ628
Sample ID: KVS-C27 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6110845	2019/04/16	2019/05/07	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6098264	2019/04/16	2019/05/03	Owen Cosby
Percent Lipid Content	M	6090477	2019/04/26	2019/04/26	Angel Guerrero

BV Labs ID: IUZ629
Sample ID: KVS-C28 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ630
Sample ID: KVS-C29 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6127825	2019/04/22	2019/05/15	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6093914	2019/04/29	2019/04/29	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ630 Dup
Sample ID: KVS-C29 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6127825	2019/04/22	2019/05/15	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/13	Wenhui (Susie) Shi

BV Labs ID: IUZ631
Sample ID: KVS-C30 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

BV Labs ID: IUZ632
Sample ID: KVS-C31 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6127825	2019/04/22	2019/05/15	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6093914	2019/04/29	2019/04/29	Owen Cosby

BV Labs ID: IUZ633
Sample ID: KVS-C32 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ634
Sample ID: KVS-C33 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

BV Labs ID: IUZ635
Sample ID: KVS-C34 HEPATO
Matrix: Tissue
Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: IUZ636 **Collected:**
Sample ID: KVS-C35 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6127825	2019/04/22	2019/05/15	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/13	Wenhui (Susie) Shi
Percent Lipid Content	M	6093914	2019/04/29	2019/04/29	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ637 **Collected:**
Sample ID: KVS-C36 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6127825	2019/04/22	2019/05/15	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/14	Wenhui (Susie) Shi
Percent Lipid Content	M	6093914	2019/04/29	2019/04/29	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ638 **Collected:**
Sample ID: KVS-C37 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ639 **Collected:**
Sample ID: KVS-C38 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6119366	2019/04/22	2019/05/14	Wenhui (Susie) Shi
Percent Lipid Content	M	6093914	2019/04/29	2019/04/29	Owen Cosby

BV Labs ID: IUZ640 **Collected:**
Sample ID: LNGC-C61 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6112662	2019/05/09	2019/05/09	Angel Guerrero
PCB Congeners in Tissue (1668A)	HRMS/MS	6126053	2019/05/05	2019/05/17	Nishat Tasnim

BV Labs ID: IUZ641 **Collected:**
Sample ID: LNGC-C60 HEPATO **Shipped:**
Matrix: Tissue **Received:** 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6135962	2019/05/23	2019/05/23	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

TEST SUMMARY

BV Labs ID: IUZ641 Dup
Sample ID: LNGC-C60 HEPATO
Matrix: Tissue

Collected:
Shipped:
Received: 2019/01/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6127502	2019/05/07	2019/05/23	Branko Vrzic

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GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	-20.0°C
Package 2	-19.7°C
Package 3	-19.3°C
Package 4	-19.7°C

Revised Report [2019/7/31]: Report revised to include all results in a single PDF.

Split reporting on test basis.

Blank was found to contain numerous PCB congeners greater than the MDL possibly related to the crab matrix used. This appears to be an isolated issue as Ottawa sand that was analyzed exhibited no evidence of PCB's at these levels.

Few of the native recoveries in the Spike is above method criteria, possibly due to crab matrix used. The method spike was run and all the natives were within the acceptance criteria.

Some of the Internal Standard recoveries in the samples exceeds the method criteria, possible to the matrix effects.

Sample IQZ826 [LNGC-C16 MEAT] : Internal standard recoveries below method acceptance criteria.
No native dioxins or furans detected.

Sample IQZ828 [LNGC-C17 MEAT] : Internal standard recoveries below method acceptance criteria.
No native dioxins or furans detected.

Sample IRA045 [KILD-CLAMS 15] : Sample IRA045 has failing internal standard recovery. Dup sample IRA045 has passing internal standard recovery.

Sample IRA078 [HARBOUR-SOLE-15] : No additional sample available for rework

Sample IUZ559 [KILD-C07 HEPATO] : Results obtained from 5x dilution

DIOXINS AND FURANS BY HRMS (TISSUE)

Dioxins/Furans in Tissue (1613B): DF-TI: Batch Blank has low Internal standard recoveries .
Samples are ND for PCDD/DF.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Method Blank PCB Congeners in Tissue (1668A): Some congeners found in blank have concentration higher than RDL. This is due to the crab meat used as blank QC matrix contains some trace level PCB congeners, which also contributes to blank spike recoveries.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	C13-2,44'-TriCB-(28)	2019/02/09	91	40 - 125	74	40 - 125	87	%		
5968550	C13-22'33'44'55'6-NonaCB-(206)	2019/02/09	76	30 - 140	69	30 - 140	81	%		
5968550	C13-22'33'44'5-HeptaCB-(170)	2019/02/09	102	30 - 140	82	30 - 140	107	%		
5968550	C13-22'33'455'66'-NonaCB-(208)	2019/02/09	88	30 - 140	75	30 - 140	96	%		
5968550	C13-22'33'55'66'-OctaCB-(202)	2019/02/09	104	30 - 140	81	30 - 140	112	%		
5968550	C13-22'33'55'6-HeptaCB-(178)	2019/02/09	82	40 - 125	78	40 - 125	81	%		
5968550	C13-22'344'55'-HeptaCB-(180)	2019/02/09	102	30 - 140	82	30 - 140	109	%		
5968550	C13-22'34'566'-HeptaCB-(188)	2019/02/09	92	30 - 140	69	30 - 140	88	%		
5968550	C13-22'44'66'-HexaCB-(155)	2019/02/09	112	30 - 140	70	30 - 140	108	%		
5968550	C13-22'466'-PentaCB-(104)	2019/02/09	104	30 - 140	69	30 - 140	103	%		
5968550	C13-22'66'-TetraCB-(54)	2019/02/09	91	30 - 140	59	30 - 140	87	%		
5968550	C13-22'6-TriCB-(19)	2019/02/09	69	30 - 140	55	30 - 140	73	%		
5968550	C13-22'-DiCB-(4)	2019/02/09	64	30 - 140	48	30 - 140	67	%		
5968550	C13-233'44'55'6-OctaCB-(205)	2019/02/09	91	30 - 140	75	30 - 140	87	%		
5968550	C13-233'44'55'-HeptaCB-(189)	2019/02/09	96	30 - 140	81	30 - 140	101	%		
5968550	C13-233'44'-PentaCB-(105)	2019/02/09	67	30 - 140	74	30 - 140	75	%		
5968550	C13-233'55'-PentaCB-(111)	2019/02/09	84	40 - 125	84	40 - 125	85	%		
5968550	C13-23'44'55'-HexaCB-(167)	2019/02/09	71	30 - 140	72	30 - 140	75	%		
5968550	C13-2344'5-PentaCB-(114)	2019/02/09	71	30 - 140	75	30 - 140	76	%		
5968550	C13-23'44'5-PentaCB-(118)	2019/02/09	74	30 - 140	79	30 - 140	81	%		
5968550	C13-2'344'5-PentaCB-(123)	2019/02/09	76	30 - 140	76	30 - 140	79	%		
5968550	C13-2-MonoCB-(1)	2019/02/09	68	15 - 140	49	15 - 140	75	%		
5968550	C13-33'44'55'-HexaCB-(169)	2019/02/09	45	30 - 140	47	30 - 140	46	%		
5968550	C13-33'44'5-PentaCB-(126)	2019/02/09	52	30 - 140	66	30 - 140	61	%		
5968550	C13-33'44'-TetraCB-(77)	2019/02/09	60	30 - 140	67	30 - 140	68	%		
5968550	C13-344'5-TetraCB-(81)	2019/02/09	60	30 - 140	64	30 - 140	66	%		
5968550	C13-344'-TriCB-(37)	2019/02/09	77	30 - 140	69	30 - 140	84	%		
5968550	C13-44'-DiCB-(15)	2019/02/09	72	30 - 140	65	30 - 140	85	%		
5968550	C13-4-MonoCB-(3)	2019/02/09	65	15 - 140	49	15 - 140	70	%		
5968550	C13-DecaCB-(209)	2019/02/09	66	30 - 140	63	30 - 140	73	%		
5968550	C13-HexaCB-(156)+(157)	2019/02/09	68	30 - 140	70	30 - 140	74	%		
5968887	C13-2,44'-TriCB-(28)	2019/02/11	94	40 - 125	90	40 - 125	99	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	C13-22'33'44'55'6-NonaCB-(206)	2019/02/11	121	30 - 140	121	30 - 140	138	%		
5968887	C13-22'33'44'5-HeptaCB-(170)	2019/02/11	123	30 - 140	117	30 - 140	136	%		
5968887	C13-22'33'455'66'-NonaCB-(208)	2019/02/11	123	30 - 140	121	30 - 140	144 (3)	%		
5968887	C13-22'33'55'66'-OctaCB-(202)	2019/02/11	118	30 - 140	119	30 - 140	143 (3)	%		
5968887	C13-22'33'55'6-HeptaCB-(178)	2019/02/11	106	40 - 125	101	40 - 125	110	%		
5968887	C13-22'344'55'-HeptaCB-(180)	2019/02/11	122	30 - 140	116	30 - 140	139	%		
5968887	C13-22'34'566'-HeptaCB-(188)	2019/02/11	95	30 - 140	97	30 - 140	107	%		
5968887	C13-22'44'66'-HexaCB-(155)	2019/02/11	99	30 - 140	104	30 - 140	115	%		
5968887	C13-22'466'-PentaCB-(104)	2019/02/11	108	30 - 140	114	30 - 140	128	%		
5968887	C13-22'66'-TetraCB-(54)	2019/02/11	105	30 - 140	106	30 - 140	120	%		
5968887	C13-22'6-TriCB-(19)	2019/02/11	101	30 - 140	93	30 - 140	110	%		
5968887	C13-22'-DiCB-(4)	2019/02/11	88	30 - 140	81	30 - 140	96	%		
5968887	C13-233'44'55'6-OctaCB-(205)	2019/02/11	103	30 - 140	103	30 - 140	113	%		
5968887	C13-233'44'55'-HeptaCB-(189)	2019/02/11	86	30 - 140	83	30 - 140	94	%		
5968887	C13-233'44'-PentaCB-(105)	2019/02/11	91	30 - 140	87	30 - 140	99	%		
5968887	C13-233'55'-PentaCB-(111)	2019/02/11	122	40 - 125	108	40 - 125	122	%		
5968887	C13-23'44'55'-HexaCB-(167)	2019/02/11	75	30 - 140	78	30 - 140	81	%		
5968887	C13-2344'5-PentaCB-(114)	2019/02/11	91	30 - 140	87	30 - 140	97	%		
5968887	C13-23'44'5-PentaCB-(118)	2019/02/11	93	30 - 140	90	30 - 140	99	%		
5968887	C13-2'344'5-PentaCB-(123)	2019/02/11	90	30 - 140	89	30 - 140	99	%		
5968887	C13-2-MonoCB-(1)	2019/02/11	75	15 - 140	67	15 - 140	79	%		
5968887	C13-33'44'55'-HexaCB-(169)	2019/02/11	50	30 - 140	51	30 - 140	60	%		
5968887	C13-33'44'5-PentaCB-(126)	2019/02/11	86	30 - 140	81	30 - 140	89	%		
5968887	C13-33'44'-TetraCB-(77)	2019/02/11	92	30 - 140	83	30 - 140	95	%		
5968887	C13-344'5-TetraCB-(81)	2019/02/11	94	30 - 140	87	30 - 140	98	%		
5968887	C13-344'-TriCB-(37)	2019/02/11	92	30 - 140	87	30 - 140	101	%		
5968887	C13-44'-DiCB-(15)	2019/02/11	99	30 - 140	92	30 - 140	106	%		
5968887	C13-4-MonoCB-(3)	2019/02/11	81	15 - 140	76	15 - 140	91	%		
5968887	C13-DecaCB-(209)	2019/02/11	132	30 - 140	129	30 - 140	156 (3)	%		
5968887	C13-HexaCB-(156)+(157)	2019/02/11	77	30 - 140	76	30 - 140	80	%		
5970054	C13-2,44'-TriCB-(28)	2019/02/25	93	40 - 125	113	40 - 125	97	%		
5970054	C13-22'33'44'55'6-NonaCB-(206)	2019/02/25	91	30 - 140	114	30 - 140	86	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	C13-22'33'44'5-HeptaCB-(170)	2019/02/25	122	30 - 140	149 (3)	30 - 140	101	%		
5970054	C13-22'33'455'66'-NonaCB-(208)	2019/02/25	100	30 - 140	132	30 - 140	91	%		
5970054	C13-22'33'55'66'-OctaCB-(202)	2019/02/25	116	30 - 140	152 (3)	30 - 140	93	%		
5970054	C13-22'33'55'6-HeptaCB-(178)	2019/02/25	83	40 - 125	105	40 - 125	86	%		
5970054	C13-22'344'55'-HeptaCB-(180)	2019/02/25	123	30 - 140	153 (3)	30 - 140	103	%		
5970054	C13-22'34'566'-HeptaCB-(188)	2019/02/25	80	30 - 140	113	30 - 140	82	%		
5970054	C13-22'44'66'-HexaCB-(155)	2019/02/25	87	30 - 140	125	30 - 140	78	%		
5970054	C13-22'466'-PentaCB-(104)	2019/02/25	109	30 - 140	140	30 - 140	109	%		
5970054	C13-22'66'-TetraCB-(54)	2019/02/25	69	30 - 140	97	30 - 140	67	%		
5970054	C13-22'6-TriCB-(19)	2019/02/25	66	30 - 140	87	30 - 140	71	%		
5970054	C13-22'-DiCB-(4)	2019/02/25	59	30 - 140	73	30 - 140	61	%		
5970054	C13-233'44'55'6-OctaCB-(205)	2019/02/25	95	30 - 140	128	30 - 140	98	%		
5970054	C13-233'44'55'-HeptaCB-(189)	2019/02/25	125	30 - 140	143 (3)	30 - 140	112	%		
5970054	C13-233'44'-PentaCB-(105)	2019/02/25	97	30 - 140	108	30 - 140	112	%		
5970054	C13-233'55'-PentaCB-(111)	2019/02/25	91	40 - 125	110	40 - 125	109	%		
5970054	C13-23'44'55'-HexaCB-(167)	2019/02/25	87	30 - 140	104	30 - 140	100	%		
5970054	C13-2344'5-PentaCB-(114)	2019/02/25	93	30 - 140	109	30 - 140	113	%		
5970054	C13-23'44'5-PentaCB-(118)	2019/02/25	98	30 - 140	111	30 - 140	116	%		
5970054	C13-2'344'5-PentaCB-(123)	2019/02/25	95	30 - 140	110	30 - 140	112	%		
5970054	C13-2-MonoCB-(1)	2019/02/25	54	15 - 140	67	15 - 140	60	%		
5970054	C13-33'44'55'-HexaCB-(169)	2019/02/25	64	30 - 140	77	30 - 140	78	%		
5970054	C13-33'44'5-PentaCB-(126)	2019/02/25	87	30 - 140	94	30 - 140	107	%		
5970054	C13-33'44'-TetraCB-(77)	2019/02/25	72	30 - 140	84	30 - 140	87	%		
5970054	C13-344'5-TetraCB-(81)	2019/02/25	70	30 - 140	82	30 - 140	87	%		
5970054	C13-344'-TriCB-(37)	2019/02/25	86	30 - 140	101	30 - 140	90	%		
5970054	C13-44'-DiCB-(15)	2019/02/25	80	30 - 140	102	30 - 140	90	%		
5970054	C13-4-MonoCB-(3)	2019/02/25	62	15 - 140	76	15 - 140	69	%		
5970054	C13-DecaCB-(209)	2019/02/25	82	30 - 140	102	30 - 140	76	%		
5970054	C13-HexaCB-(156)+(157)	2019/02/25	87	30 - 140	103	30 - 140	97	%		
5971767	37CL4 2378 Tetra CDD	2019/02/13	100	35 - 197	4.0 (3)	35 - 197	14 (3)	%		
5971767	C13-1234678 HeptaCDD	2019/02/13	70	23 - 140	61	23 - 140	76	%		
5971767	C13-1234678 HeptaCDF	2019/02/13	68	28 - 143	53	28 - 143	72	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5971767	C13-123478 HexaCDD	2019/02/13	91	32 - 141	73	32 - 141	98	%		
5971767	C13-123478 HexaCDF	2019/02/13	73	26 - 152	61	26 - 152	80	%		
5971767	C13-1234789 HeptaCDF	2019/02/13	69	26 - 138	59	26 - 138	76	%		
5971767	C13-123678 HexaCDD	2019/02/13	85	28 - 130	71	28 - 130	89	%		
5971767	C13-123678 HexaCDF	2019/02/13	72	26 - 123	58	26 - 123	76	%		
5971767	C13-12378 PentaCDD	2019/02/13	81	25 - 181	60	25 - 181	88	%		
5971767	C13-12378 PentaCDF	2019/02/13	69	24 - 185	52	24 - 185	82	%		
5971767	C13-123789 HexaCDF	2019/02/13	78	29 - 147	59	29 - 147	84	%		
5971767	C13-234678 HexaCDF	2019/02/13	80	28 - 136	60	28 - 136	83	%		
5971767	C13-23478 PentaCDF	2019/02/13	85	25 - 181	59	25 - 181	90	%		
5971767	C13-2378 TetraCDD	2019/02/13	76	25 - 164	63	25 - 164	90	%		
5971767	C13-2378 TetraCDF	2019/02/13	70	24 - 169	70	24 - 169	88	%		
5971767	C13-OCDD	2019/02/13	60	17 - 157	54	17 - 157	63	%		
5975799	37CL4 2378 Tetra CDD	2019/02/14			107	35 - 197	102	%		
5975799	C13-1234678 HeptaCDD	2019/02/14			69	23 - 140	72	%		
5975799	C13-1234678 HeptaCDF	2019/02/14			68	28 - 143	71	%		
5975799	C13-123478 HexaCDD	2019/02/14			93	32 - 141	92	%		
5975799	C13-123478 HexaCDF	2019/02/14			76	26 - 152	75	%		
5975799	C13-1234789 HeptaCDF	2019/02/14			66	26 - 138	66	%		
5975799	C13-123678 HexaCDD	2019/02/14			86	28 - 130	85	%		
5975799	C13-123678 HexaCDF	2019/02/14			76	26 - 123	74	%		
5975799	C13-12378 PentaCDD	2019/02/14			81	25 - 181	82	%		
5975799	C13-12378 PentaCDF	2019/02/14			77	24 - 185	73	%		
5975799	C13-123789 HexaCDF	2019/02/14			78	29 - 147	79	%		
5975799	C13-234678 HexaCDF	2019/02/14			79	28 - 136	79	%		
5975799	C13-23478 PentaCDF	2019/02/14			88	25 - 181	84	%		
5975799	C13-2378 TetraCDD	2019/02/14			78	25 - 164	88	%		
5975799	C13-2378 TetraCDF	2019/02/14			69	24 - 169	72	%		
5975799	C13-OCDD	2019/02/14			54	17 - 157	55	%		
5976161	37CL4 2378 Tetra CDD	2019/02/19	115	35 - 197	106	35 - 197	109	%		
5976161	C13-1234678 HeptaCDD	2019/02/19	89	23 - 140	90	23 - 140	94	%		
5976161	C13-1234678 HeptaCDF	2019/02/19	91	28 - 143	92	28 - 143	98	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5976161	C13-123478 HexaCDD	2019/02/19	97	32 - 141	99	32 - 141	102	%		
5976161	C13-123478 HexaCDF	2019/02/19	89	26 - 152	92	26 - 152	93	%		
5976161	C13-1234789 HeptaCDF	2019/02/19	86	26 - 138	89	26 - 138	95	%		
5976161	C13-123678 HexaCDD	2019/02/19	97	28 - 130	99	28 - 130	99	%		
5976161	C13-123678 HexaCDF	2019/02/19	86	26 - 123	90	26 - 123	94	%		
5976161	C13-12378 PentaCDD	2019/02/19	103	25 - 181	100	25 - 181	105	%		
5976161	C13-12378 PentaCDF	2019/02/19	91	24 - 185	85	24 - 185	90	%		
5976161	C13-123789 HexaCDF	2019/02/19	89	29 - 147	91	29 - 147	97	%		
5976161	C13-234678 HexaCDF	2019/02/19	87	28 - 136	93	28 - 136	98	%		
5976161	C13-23478 PentaCDF	2019/02/19	103	25 - 181	98	25 - 181	103	%		
5976161	C13-2378 TetraCDD	2019/02/19	90	25 - 164	90	25 - 164	93	%		
5976161	C13-2378 TetraCDF	2019/02/19	109	24 - 169	105	24 - 169	118	%		
5976161	C13-OCDD	2019/02/19	81	17 - 157	79	17 - 157	89	%		
5979289	37CL4 2378 Tetra CDD	2019/02/20			105	35 - 197	108	%		
5979289	C13-1234678 HeptaCDD	2019/02/20			95	23 - 140	104	%		
5979289	C13-1234678 HeptaCDF	2019/02/20			96	28 - 143	105	%		
5979289	C13-123478 HexaCDD	2019/02/20			101	32 - 141	109	%		
5979289	C13-123478 HexaCDF	2019/02/20			98	26 - 152	106	%		
5979289	C13-1234789 HeptaCDF	2019/02/20			89	26 - 138	97	%		
5979289	C13-123678 HexaCDD	2019/02/20			102	28 - 130	109	%		
5979289	C13-123678 HexaCDF	2019/02/20			92	26 - 123	101	%		
5979289	C13-12378 PentaCDD	2019/02/20			93	25 - 181	92	%		
5979289	C13-12378 PentaCDF	2019/02/20			80	24 - 185	80	%		
5979289	C13-123789 HexaCDF	2019/02/20			95	29 - 147	103	%		
5979289	C13-234678 HexaCDF	2019/02/20			89	28 - 136	96	%		
5979289	C13-23478 PentaCDF	2019/02/20			94	25 - 181	90	%		
5979289	C13-2378 TetraCDD	2019/02/20			86	25 - 164	92	%		
5979289	C13-2378 TetraCDF	2019/02/20			89	24 - 169	96	%		
5979289	C13-OCDD	2019/02/20			87	17 - 157	94	%		
5982955	Acenaphthylene-2H8	2019/02/22	40 (3)	50 - 150	31 (3)	50 - 150	64	%		
5982955	Benz(a)anthracene-2H12	2019/02/22	30 (3)	50 - 150	28 (3)	50 - 150	46 (3)	%		
5982955	Benzo(a)pyrene-2H12	2019/02/22	61	50 - 150	32 (3)	50 - 150	74	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5982955	Benzo(b)fluoranthene-2H12	2019/02/22	53	50 - 150	36 (3)	50 - 150	78	%		
5982955	Benzo(g,h,i)perylene-2H12	2019/02/22	52	50 - 150	26 (3)	50 - 150	68	%		
5982955	Benzo(k)fluoranthene-2H12	2019/02/22	61	50 - 150	30 (3)	50 - 150	77	%		
5982955	Chrysene-2H12	2019/02/22	30 (3)	50 - 150	29 (3)	50 - 150	54	%		
5982955	Dibenzo(a,h)anthracene-2H14	2019/02/22	52	50 - 150	29 (3)	50 - 150	65	%		
5982955	Fluoranthene-2H10	2019/02/22	57	50 - 150	37 (3)	50 - 150	81	%		
5982955	Indeno(1,2,3-c,d)pyrene-2H12	2019/02/22	46 (3)	50 - 150	25 (3)	50 - 150	57	%		
5982955	Naphthalene-2H8	2019/02/22	17 (6)	50 - 150	32 (3)	50 - 150	29 (3)	%		
5982955	Perylene-2H12	2019/02/22	59	50 - 150	27 (3)	50 - 150	73	%		
5982955	Phenanthrene-2H10	2019/02/22	70	50 - 150	38 (3)	50 - 150	79	%		
5984276	Acenaphthylene-2H8	2019/02/21			13 (3)	50 - 150	43 (3)	%		
5984276	Benz(a)anthracene-2H12	2019/02/21			17 (3)	50 - 150	41 (3)	%		
5984276	Benzo(a)pyrene-2H12	2019/02/21			33 (3)	50 - 150	66	%		
5984276	Benzo(b)fluoranthene-2H12	2019/02/21			24 (3)	50 - 150	66	%		
5984276	Benzo(g,h,i)perylene-2H12	2019/02/21			21 (3)	50 - 150	55	%		
5984276	Benzo(k)fluoranthene-2H12	2019/02/21			24 (3)	50 - 150	58	%		
5984276	Chrysene-2H12	2019/02/21			17 (3)	50 - 150	42 (3)	%		
5984276	Dibenzo(a,h)anthracene-2H14	2019/02/21			18 (3)	50 - 150	57	%		
5984276	Fluoranthene-2H10	2019/02/21			23 (3)	50 - 150	66	%		
5984276	Indeno(1,2,3-c,d)pyrene-2H12	2019/02/21			21 (3)	50 - 150	63	%		
5984276	Naphthalene-2H8	2019/02/21			4.0 (3)	50 - 150	23 (8)	%		
5984276	Perylene-2H12	2019/02/21			26 (3)	50 - 150	61	%		
5984276	Phenanthrene-2H10	2019/02/21			22 (3)	50 - 150	72	%		
5985836	C13-2,44'-TriCB-(28)	2019/02/22	71	40 - 125	78	40 - 125	92	%		
5985836	C13-22'33'44'55'6-NonaCB-(206)	2019/02/22	76	30 - 140	84	30 - 140	87	%		
5985836	C13-22'33'44'5-HeptaCB-(170)	2019/02/22	121	30 - 140	125	30 - 140	126	%		
5985836	C13-22'33'455'66'-NonaCB-(208)	2019/02/22	100	30 - 140	99	30 - 140	100	%		
5985836	C13-22'33'55'66'-OctaCB-(202)	2019/02/22	169 (3)	30 - 140	151 (3)	30 - 140	139	%		
5985836	C13-22'33'55'6-HeptaCB-(178)	2019/02/22	86	40 - 125	92	40 - 125	95	%		
5985836	C13-22'344'55'-HeptaCB-(180)	2019/02/22	139	30 - 140	137	30 - 140	129	%		
5985836	C13-22'34'566'-HeptaCB-(188)	2019/02/22	95	30 - 140	96	30 - 140	102	%		
5985836	C13-22'44'66'-HexaCB-(155)	2019/02/22	124	30 - 140	130	30 - 140	141 (3)	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	C13-22'466'-PentaCB-(104)	2019/02/22	96	30 - 140	116	30 - 140	117	%		
5985836	C13-22'66'-TetraCB-(54)	2019/02/22	86	30 - 140	91	30 - 140	96	%		
5985836	C13-22'6-TriCB-(19)	2019/02/22	73	30 - 140	70	30 - 140	66	%		
5985836	C13-22'-DiCB-(4)	2019/02/22	59	30 - 140	62	30 - 140	56	%		
5985836	C13-233'44'55'6-OctaCB-(205)	2019/02/22	83	30 - 140	95	30 - 140	104	%		
5985836	C13-233'44'55'-HeptaCB-(189)	2019/02/22	105	30 - 140	111	30 - 140	112	%		
5985836	C13-233'44'-PentaCB-(105)	2019/02/22	57	30 - 140	64	30 - 140	73	%		
5985836	C13-233'55'-PentaCB-(111)	2019/02/22	77	40 - 125	83	40 - 125	87	%		
5985836	C13-23'44'55'-HexaCB-(167)	2019/02/22	59	30 - 140	72	30 - 140	82	%		
5985836	C13-2344'5-PentaCB-(114)	2019/02/22	57	30 - 140	66	30 - 140	78	%		
5985836	C13-23'44'5-PentaCB-(118)	2019/02/22	61	30 - 140	69	30 - 140	82	%		
5985836	C13-2'344'5-PentaCB-(123)	2019/02/22	60	30 - 140	67	30 - 140	82	%		
5985836	C13-2-MonoCB-(1)	2019/02/22	45	15 - 140	47	15 - 140	53	%		
5985836	C13-33'44'55'-HexaCB-(169)	2019/02/22	26 (3)	30 - 140	38	30 - 140	39	%		
5985836	C13-33'44'5-PentaCB-(126)	2019/02/22	43	30 - 140	50	30 - 140	61	%		
5985836	C13-33'44'-TetraCB-(77)	2019/02/22	53	30 - 140	56	30 - 140	65	%		
5985836	C13-344'5-TetraCB-(81)	2019/02/22	54	30 - 140	56	30 - 140	65	%		
5985836	C13-344'-TriCB-(37)	2019/02/22	63	30 - 140	67	30 - 140	80	%		
5985836	C13-44'-DiCB-(15)	2019/02/22	65	30 - 140	66	30 - 140	69	%		
5985836	C13-4-MonoCB-(3)	2019/02/22	50	15 - 140	51	15 - 140	55	%		
5985836	C13-DecaCB-(209)	2019/02/22	69	30 - 140	73	30 - 140	85	%		
5985836	C13-HexaCB-(156)+(157)	2019/02/22	57	30 - 140	68	30 - 140	79	%		
5988747	37CL4 2378 Tetra CDD	2019/02/24	96	35 - 197	105	35 - 197	90	%		
5988747	C13-1234678 HeptaCDD	2019/02/24	106	23 - 140	107	23 - 140	100	%		
5988747	C13-1234678 HeptaCDF	2019/02/24	108	28 - 143	109	28 - 143	103	%		
5988747	C13-123478 HexaCDD	2019/02/24	108	32 - 141	102	32 - 141	105	%		
5988747	C13-123478 HexaCDF	2019/02/24	102	26 - 152	103	26 - 152	99	%		
5988747	C13-1234789 HeptaCDF	2019/02/24	98	26 - 138	97	26 - 138	92	%		
5988747	C13-123678 HexaCDD	2019/02/24	103	28 - 130	110	28 - 130	103	%		
5988747	C13-123678 HexaCDF	2019/02/24	100	26 - 123	96	26 - 123	95	%		
5988747	C13-12378 PentaCDD	2019/02/24	104	25 - 181	97	25 - 181	95	%		
5988747	C13-12378 PentaCDF	2019/02/24	87	24 - 185	84	24 - 185	81	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5988747	C13-123789 HexaCDF	2019/02/24	104	29 - 147	102	29 - 147	97	%		
5988747	C13-234678 HexaCDF	2019/02/24	99	28 - 136	99	28 - 136	92	%		
5988747	C13-23478 PentaCDF	2019/02/24	103	25 - 181	98	25 - 181	95	%		
5988747	C13-2378 TetraCDD	2019/02/24	84	25 - 164	82	25 - 164	79	%		
5988747	C13-2378 TetraCDF	2019/02/24	87	24 - 169	88	24 - 169	83	%		
5988747	C13-OCDD	2019/02/24	92	17 - 157	94	17 - 157	85	%		
5988751	Acenaphthylene-2H8	2019/02/25	63	50 - 150	37 (3)	50 - 150	82	%		
5988751	Benz(a)anthracene-2H12	2019/02/25	33 (3)	50 - 150	29 (3)	50 - 150	65	%		
5988751	Benzo(a)pyrene-2H12	2019/02/25	80	50 - 150	51	50 - 150	89	%		
5988751	Benzo(b)fluoranthene-2H12	2019/02/25	68	50 - 150	46 (3)	50 - 150	96	%		
5988751	Benzo(g,h,i)perylene-2H12	2019/02/25	58	50 - 150	44 (3)	50 - 150	73	%		
5988751	Benzo(k)fluoranthene-2H12	2019/02/25	68	50 - 150	43 (3)	50 - 150	87	%		
5988751	Chrysene-2H12	2019/02/25	37 (3)	50 - 150	28 (3)	50 - 150	69	%		
5988751	Dibenzo(a,h)anthracene-2H14	2019/02/25	58	50 - 150	39 (3)	50 - 150	80	%		
5988751	Fluoranthene-2H10	2019/02/25	71	50 - 150	47 (3)	50 - 150	97	%		
5988751	Indeno(1,2,3-c,d)pyrene-2H12	2019/02/25	56	50 - 150	38 (3)	50 - 150	71	%		
5988751	Naphthalene-2H8	2019/02/25	54 (9)	50 - 150	29 (3)	50 - 150	68	%		
5988751	Perylene-2H12	2019/02/25	63	50 - 150	48 (3)	50 - 150	82	%		
5988751	Phenanthrene-2H10	2019/02/25	74	50 - 150	50	50 - 150	109	%		
5995364	Acenaphthylene-2H8	2019/03/02	66	50 - 150	55	50 - 150	52	%		
5995364	Benz(a)anthracene-2H12	2019/03/02	26 (3)	50 - 150	30 (3)	50 - 150	51	%		
5995364	Benzo(a)pyrene-2H12	2019/03/02	75	50 - 150	70	50 - 150	74	%		
5995364	Benzo(b)fluoranthene-2H12	2019/03/02	73	50 - 150	64	50 - 150	74	%		
5995364	Benzo(g,h,i)perylene-2H12	2019/03/02	64	50 - 150	73	50 - 150	61	%		
5995364	Benzo(k)fluoranthene-2H12	2019/03/02	72	50 - 150	73	50 - 150	77	%		
5995364	Chrysene-2H12	2019/03/02	25 (3)	50 - 150	30 (3)	50 - 150	49 (3)	%		
5995364	Dibenzo(a,h)anthracene-2H14	2019/03/02	63	50 - 150	65	50 - 150	63	%		
5995364	Fluoranthene-2H10	2019/03/02	78	50 - 150	73	50 - 150	74	%		
5995364	Indeno(1,2,3-c,d)pyrene-2H12	2019/03/02	57	50 - 150	65	50 - 150	57	%		
5995364	Naphthalene-2H8	2019/03/02	59 (10)	50 - 150	51 (9)	50 - 150	39 (11)	%		
5995364	Perylene-2H12	2019/03/02	75	50 - 150	72	50 - 150	72	%		
5995364	Phenanthrene-2H10	2019/03/02	135	50 - 150	102	50 - 150	70	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6013390	37CL4 2378 Tetra CDD	2019/03/12	138	35 - 197	122	35 - 197	118	%		
6013390	C13-1234678 HeptaCDD	2019/03/12	101	23 - 140	95	23 - 140	96	%		
6013390	C13-1234678 HeptaCDF	2019/03/12	116	28 - 143	110	28 - 143	111	%		
6013390	C13-123478 HexaCDD	2019/03/12	104	32 - 141	94	32 - 141	93	%		
6013390	C13-123478 HexaCDF	2019/03/12	109	26 - 152	98	26 - 152	97	%		
6013390	C13-1234789 HeptaCDF	2019/03/12	103	26 - 138	100	26 - 138	102	%		
6013390	C13-123678 HexaCDD	2019/03/12	129	28 - 130	121	28 - 130	117	%		
6013390	C13-123678 HexaCDF	2019/03/12	125 (12)	26 - 123	108	26 - 123	110	%		
6013390	C13-12378 PentaCDD	2019/03/12	125	25 - 181	115	25 - 181	105	%		
6013390	C13-12378 PentaCDF	2019/03/12	111	24 - 185	102	24 - 185	92	%		
6013390	C13-123789 HexaCDF	2019/03/12	115	29 - 147	106	29 - 147	104	%		
6013390	C13-234678 HexaCDF	2019/03/12	115	28 - 136	108	28 - 136	104	%		
6013390	C13-23478 PentaCDF	2019/03/12	125	25 - 181	120	25 - 181	105	%		
6013390	C13-2378 TetraCDD	2019/03/12	106	25 - 164	95	25 - 164	91	%		
6013390	C13-2378 TetraCDF	2019/03/12	118	24 - 169	102	24 - 169	86	%		
6013390	C13-OCDD	2019/03/12	76	17 - 157	76	17 - 157	78	%		
6014276	C13-2,44'-TriCB-(28)	2019/03/12	111	40 - 125	102	40 - 125	121	%		
6014276	C13-22'33'44'55'6-NonaCB-(206)	2019/03/12	96	30 - 140	77	30 - 140	83	%		
6014276	C13-22'33'44'5-HeptaCB-(170)	2019/03/12	127 (13)	30 - 140	114	30 - 140	117	%		
6014276	C13-22'33'455'66'-NonaCB-(208)	2019/03/12	93	30 - 140	93	30 - 140	107	%		
6014276	C13-22'33'55'66'-OctaCB-(202)	2019/03/12	100 (13)	30 - 140	97	30 - 140	104	%		
6014276	C13-22'33'55'6-HeptaCB-(178)	2019/03/12	76	40 - 125	80	40 - 125	92	%		
6014276	C13-22'344'55'-HeptaCB-(180)	2019/03/12	132 (13)	30 - 140	112	30 - 140	125	%		
6014276	C13-22'34'566'-HeptaCB-(188)	2019/03/12	81 (13)	30 - 140	79	30 - 140	88	%		
6014276	C13-22'44'66'-HexaCB-(155)	2019/03/12	66	30 - 140	85	30 - 140	96	%		
6014276	C13-22'466'-PentaCB-(104)	2019/03/12	82	30 - 140	86	30 - 140	85	%		
6014276	C13-22'66'-TetraCB-(54)	2019/03/12	71	30 - 140	75	30 - 140	86	%		
6014276	C13-22'6-TriCB-(19)	2019/03/12	66	30 - 140	76	30 - 140	77	%		
6014276	C13-22'-DiCB-(4)	2019/03/12	63	30 - 140	70	30 - 140	73	%		
6014276	C13-233'44'55'6-OctaCB-(205)	2019/03/12	89	30 - 140	99	30 - 140	106	%		
6014276	C13-233'44'55'-HeptaCB-(189)	2019/03/12	130 (13)	30 - 140	123	30 - 140	133	%		
6014276	C13-233'44'-PentaCB-(105)	2019/03/12	132	30 - 140	110	30 - 140	121	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	C13-233'55'-PentaCB-(111)	2019/03/12	100	40 - 125	98	40 - 125	105	%		
6014276	C13-23'44'55'-HexaCB-(167)	2019/03/12	107	30 - 140	102	30 - 140	119	%		
6014276	C13-2344'5-PentaCB-(114)	2019/03/12	132	30 - 140	116	30 - 140	124	%		
6014276	C13-23'44'5-PentaCB-(118)	2019/03/12	130	30 - 140	112	30 - 140	125	%		
6014276	C13-2'344'5-PentaCB-(123)	2019/03/12	128	30 - 140	110	30 - 140	119	%		
6014276	C13-2-MonoCB-(1)	2019/03/12	71	15 - 140	75	15 - 140	81	%		
6014276	C13-33'44'55'-HexaCB-(169)	2019/03/12	73	30 - 140	74	30 - 140	80	%		
6014276	C13-33'44'5-PentaCB-(126)	2019/03/12	134	30 - 140	107	30 - 140	115	%		
6014276	C13-33'44'-TetraCB-(77)	2019/03/12	116	30 - 140	104	30 - 140	131	%		
6014276	C13-344'5-TetraCB-(81)	2019/03/12	117	30 - 140	106	30 - 140	130	%		
6014276	C13-344'-TriCB-(37)	2019/03/12	114	30 - 140	104	30 - 140	128	%		
6014276	C13-44'-DiCB-(15)	2019/03/12	91	30 - 140	95	30 - 140	102	%		
6014276	C13-4-MonoCB-(3)	2019/03/12	70	15 - 140	76	15 - 140	84	%		
6014276	C13-DecaCB-(209)	2019/03/12	104	30 - 140	66	30 - 140	72	%		
6014276	C13-HexaCB-(156)+(157)	2019/03/12	107	30 - 140	106	30 - 140	120	%		
6024017	Acenaphthylene-2H8	2019/03/22	73	50 - 150	88	50 - 150	93	%		
6024017	Benz(a)anthracene-2H12	2019/03/22	33 (14)	50 - 150	36 (14)	50 - 150	38 (14)	%		
6024017	Benzo(a)pyrene-2H12	2019/03/22	76	50 - 150	85	50 - 150	103	%		
6024017	Benzo(b)fluoranthene-2H12	2019/03/22	98	50 - 150	100	50 - 150	98	%		
6024017	Benzo(g,h,i)perylene-2H12	2019/03/22	37 (14)	50 - 150	51	50 - 150	65	%		
6024017	Benzo(k)fluoranthene-2H12	2019/03/22	93	50 - 150	117	50 - 150	110	%		
6024017	Chrysene-2H12	2019/03/22	35 (14)	50 - 150	37 (14)	50 - 150	43 (14)	%		
6024017	Dibenzo(a,h)anthracene-2H14	2019/03/22	37 (14)	50 - 150	55	50 - 150	56	%		
6024017	Fluoranthene-2H10	2019/03/22	83	50 - 150	96	50 - 150	112	%		
6024017	Indeno(1,2,3-c,d)pyrene-2H12	2019/03/22	33 (14)	50 - 150	50	50 - 150	51	%		
6024017	Naphthalene-2H8	2019/03/22	60 (15)	50 - 150	73 (16)	50 - 150	76 (17)	%		
6024017	Perylene-2H12	2019/03/22	71	50 - 150	81	50 - 150	77	%		
6024017	Phenanthrene-2H10	2019/03/22	92	50 - 150	121	50 - 150	128	%		
6024321	Confirmation C13-2378 TetraCDF	2019/03/18					67	%		
6035473	37CL4 2378 Tetra CDD	2019/04/02	102	35 - 197	107	35 - 197	108	%		
6035473	C13-1234678 HeptaCDD	2019/04/02	91	23 - 140	87	23 - 140	77	%		
6035473	C13-1234678 HeptaCDF	2019/04/02	90	28 - 143	86	28 - 143	84	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6035473	C13-123478 HexaCDD	2019/04/02	93	32 - 141	93	32 - 141	86	%		
6035473	C13-123478 HexaCDF	2019/04/02	87	26 - 152	84	26 - 152	81	%		
6035473	C13-1234789 HeptaCDF	2019/04/02	84	26 - 138	78	26 - 138	70	%		
6035473	C13-123678 HexaCDD	2019/04/02	93	28 - 130	97	28 - 130	99	%		
6035473	C13-123678 HexaCDF	2019/04/02	87	26 - 123	82	26 - 123	86	%		
6035473	C13-12378 PentaCDD	2019/04/02	93	25 - 181	102	25 - 181	88	%		
6035473	C13-12378 PentaCDF	2019/04/02	68	24 - 185	73	24 - 185	66	%		
6035473	C13-123789 HexaCDF	2019/04/02	84	29 - 147	82	29 - 147	68	%		
6035473	C13-234678 HexaCDF	2019/04/02	89	28 - 136	86	28 - 136	78	%		
6035473	C13-23478 PentaCDF	2019/04/02	78	25 - 181	88	25 - 181	76	%		
6035473	C13-2378 TetraCDD	2019/04/02	81	25 - 164	88	25 - 164	88	%		
6035473	C13-2378 TetraCDF	2019/04/02	77	24 - 169	83	24 - 169	85	%		
6035473	C13-OCDD	2019/04/02	75	17 - 157	64	17 - 157	50	%		
6045784	Acenaphthylene-2H8	2019/03/30	85	50 - 150	87	50 - 150	83	%		
6045784	Benz(a)anthracene-2H12	2019/03/30	63	50 - 150	81	50 - 150	42 (14)	%		
6045784	Benzo(a)pyrene-2H12	2019/03/30	95	50 - 150	90	50 - 150	88	%		
6045784	Benzo(b)fluoranthene-2H12	2019/03/30	100	50 - 150	106	50 - 150	99	%		
6045784	Benzo(g,h,i)perylene-2H12	2019/03/30	56	50 - 150	67	50 - 150	64	%		
6045784	Benzo(k)fluoranthene-2H12	2019/03/30	99	50 - 150	114	50 - 150	103	%		
6045784	Chrysene-2H12	2019/03/30	65	50 - 150	77	50 - 150	45 (14)	%		
6045784	Dibenzo(a,h)anthracene-2H14	2019/03/30	57	50 - 150	69	50 - 150	66	%		
6045784	Fluoranthene-2H10	2019/03/30	87	50 - 150	92	50 - 150	106	%		
6045784	Indeno(1,2,3-c,d)pyrene-2H12	2019/03/30	53	50 - 150	63	50 - 150	60	%		
6045784	Naphthalene-2H8	2019/03/30	81	50 - 150	88 (19)	50 - 150	86 (20)	%		
6045784	Perylene-2H12	2019/03/30	83	50 - 150	86	50 - 150	87	%		
6045784	Phenanthrene-2H10	2019/03/30	76	50 - 150	79	50 - 150	118	%		
6048585	37CL4 2378 Tetra CDD	2019/04/02	91	35 - 197	91	35 - 197	84	%		
6048585	C13-1234678 HeptaCDD	2019/04/02	53	23 - 140	61	23 - 140	46	%		
6048585	C13-1234678 HeptaCDF	2019/04/02	64	28 - 143	75	28 - 143	54	%		
6048585	C13-123478 HexaCDD	2019/04/02	56	32 - 141	67	32 - 141	51	%		
6048585	C13-123478 HexaCDF	2019/04/02	62	26 - 152	73	26 - 152	54	%		
6048585	C13-1234789 HeptaCDF	2019/04/02	58	26 - 138	69	26 - 138	49	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6048585	C13-123678 HexaCDD	2019/04/02	58	28 - 130	68	28 - 130	52	%		
6048585	C13-123678 HexaCDF	2019/04/02	63	26 - 123	73	26 - 123	56	%		
6048585	C13-12378 PentaCDD	2019/04/02	52	25 - 181	61	25 - 181	49	%		
6048585	C13-12378 PentaCDF	2019/04/02	48	24 - 185	55	24 - 185	44	%		
6048585	C13-123789 HexaCDF	2019/04/02	60	29 - 147	68	29 - 147	55	%		
6048585	C13-234678 HexaCDF	2019/04/02	66	28 - 136	75	28 - 136	57	%		
6048585	C13-23478 PentaCDF	2019/04/02	56	25 - 181	63	25 - 181	50	%		
6048585	C13-2378 TetraCDD	2019/04/02	54	25 - 164	64	25 - 164	52	%		
6048585	C13-2378 TetraCDF	2019/04/02	63	24 - 169	72	24 - 169	60	%		
6048585	C13-OCDD	2019/04/02	43	17 - 157	49	17 - 157	31	%		
6053404	37CL4 2378 Tetra CDD	2019/04/05	104	35 - 197	106	35 - 197	111	%		
6053404	C13-1234678 HeptaCDD	2019/04/05	77	23 - 140	107	23 - 140	99	%		
6053404	C13-1234678 HeptaCDF	2019/04/05	75	28 - 143	112	28 - 143	102	%		
6053404	C13-123478 HexaCDD	2019/04/05	75	32 - 141	109	32 - 141	101	%		
6053404	C13-123478 HexaCDF	2019/04/05	72	26 - 152	104	26 - 152	103	%		
6053404	C13-1234789 HeptaCDF	2019/04/05	72	26 - 138	110	26 - 138	94	%		
6053404	C13-123678 HexaCDD	2019/04/05	77	28 - 130	109	28 - 130	102	%		
6053404	C13-123678 HexaCDF	2019/04/05	71	26 - 123	106	26 - 123	106	%		
6053404	C13-12378 PentaCDD	2019/04/05	71	25 - 181	99	25 - 181	92	%		
6053404	C13-12378 PentaCDF	2019/04/05	62	24 - 185	81	24 - 185	84	%		
6053404	C13-123789 HexaCDF	2019/04/05	71	29 - 147	107	29 - 147	108	%		
6053404	C13-234678 HexaCDF	2019/04/05	80	28 - 136	112	28 - 136	113	%		
6053404	C13-23478 PentaCDF	2019/04/05	70	25 - 181	95	25 - 181	96	%		
6053404	C13-2378 TetraCDD	2019/04/05	59	25 - 164	85	25 - 164	87	%		
6053404	C13-2378 TetraCDF	2019/04/05	63	24 - 169	86	24 - 169	92	%		
6053404	C13-OCDD	2019/04/05	64	17 - 157	95	17 - 157	76	%		
6056927	37CL4 2378 Tetra CDD	2019/04/06	101	35 - 197	98	35 - 197	85	%		
6056927	C13-1234678 HeptaCDD	2019/04/06	69	23 - 140	31	23 - 140	50	%		
6056927	C13-1234678 HeptaCDF	2019/04/06	82	28 - 143	37	28 - 143	65	%		
6056927	C13-123478 HexaCDD	2019/04/06	63	32 - 141	29 (21)	32 - 141	49	%		
6056927	C13-123478 HexaCDF	2019/04/06	66	26 - 152	30	26 - 152	54	%		
6056927	C13-1234789 HeptaCDF	2019/04/06	77	26 - 138	35	26 - 138	58	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6056927	C13-123678 HexaCDD	2019/04/06	77	28 - 130	35	28 - 130	64	%		
6056927	C13-123678 HexaCDF	2019/04/06	64	26 - 123	30	26 - 123	57	%		
6056927	C13-12378 PentaCDD	2019/04/06	62	25 - 181	29	25 - 181	42	%		
6056927	C13-12378 PentaCDF	2019/04/06	57	24 - 185	26	24 - 185	38	%		
6056927	C13-123789 HexaCDF	2019/04/06	73	29 - 147	35	29 - 147	57	%		
6056927	C13-234678 HexaCDF	2019/04/06	77	28 - 136	36	28 - 136	63	%		
6056927	C13-23478 PentaCDF	2019/04/06	69	25 - 181	32	25 - 181	47	%		
6056927	C13-2378 TetraCDD	2019/04/06	57	25 - 164	28	25 - 164	42	%		
6056927	C13-2378 TetraCDF	2019/04/06	66	24 - 169	32	24 - 169	49	%		
6056927	C13-OCDD	2019/04/06	57	17 - 157	26	17 - 157	40	%		
6058195	37CL4 2378 Tetra CDD	2019/04/08	185 (22)	35 - 197	121	35 - 197	109	%		
6058195	C13-1234678 HeptaCDD	2019/04/08	47	23 - 140	53	23 - 140	53	%		
6058195	C13-1234678 HeptaCDF	2019/04/08	46	28 - 143	54	28 - 143	63	%		
6058195	C13-123478 HexaCDD	2019/04/08	45	32 - 141	53	32 - 141	52	%		
6058195	C13-123478 HexaCDF	2019/04/08	44	26 - 152	52	26 - 152	54	%		
6058195	C13-1234789 HeptaCDF	2019/04/08	41	26 - 138	47	26 - 138	57	%		
6058195	C13-123678 HexaCDD	2019/04/08	65	28 - 130	75	28 - 130	74	%		
6058195	C13-123678 HexaCDF	2019/04/08	47	26 - 123	54	26 - 123	62	%		
6058195	C13-12378 PentaCDD	2019/04/08	47	25 - 181	60	25 - 181	55	%		
6058195	C13-12378 PentaCDF	2019/04/08	39	24 - 185	47	24 - 185	45	%		
6058195	C13-123789 HexaCDF	2019/04/08	50	29 - 147	53	29 - 147	60	%		
6058195	C13-234678 HexaCDF	2019/04/08	47	28 - 136	58	28 - 136	62	%		
6058195	C13-23478 PentaCDF	2019/04/08	43	25 - 181	51	25 - 181	53	%		
6058195	C13-2378 TetraCDD	2019/04/08	46	25 - 164	55	25 - 164	57	%		
6058195	C13-2378 TetraCDF	2019/04/08	45	24 - 169	55	24 - 169	61	%		
6058195	C13-OCDD	2019/04/08	39	17 - 157	49	17 - 157	47	%		
6059521	C13-2,44'-TriCB-(28)	2019/04/22	102	40 - 125	70	40 - 125	86	%		
6059521	C13-22'33'44'55'6-NonaCB-(206)	2019/04/22	95	30 - 140	113	30 - 140	109	%		
6059521	C13-22'33'44'5-HeptaCB-(170)	2019/04/22	169 (25)	30 - 140	107	30 - 140	123	%		
6059521	C13-22'33'455'66'-NonaCB-(208)	2019/04/22	134	30 - 140	109	30 - 140	118	%		
6059521	C13-22'33'55'66'-OctaCB-(202)	2019/04/22	202 (25)	30 - 140	124	30 - 140	135	%		
6059521	C13-22'33'55'6-HeptaCB-(178)	2019/04/22	93	40 - 125	101	40 - 125	95	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	C13-22'344'55'-HeptaCB-(180)	2019/04/22	171 (25)	30 - 140	107	30 - 140	131	%		
6059521	C13-22'34'566'-HeptaCB-(188)	2019/04/22	108	30 - 140	117	30 - 140	99	%		
6059521	C13-22'44'66'-HexaCB-(155)	2019/04/22	137	30 - 140	126	30 - 140	98	%		
6059521	C13-22'466'-PentaCB-(104)	2019/04/22	112	30 - 140	112	30 - 140	102	%		
6059521	C13-22'66'-TetraCB-(54)	2019/04/22	99	30 - 140	101	30 - 140	111	%		
6059521	C13-22'6-TriCB-(19)	2019/04/22	91	30 - 140	114	30 - 140	102	%		
6059521	C13-22'-DiCB-(4)	2019/04/22	69	30 - 140	102	30 - 140	91	%		
6059521	C13-233'44'55'6-OctaCB-(205)	2019/04/22	95	30 - 140	101	30 - 140	101	%		
6059521	C13-233'44'55'-HeptaCB-(189)	2019/04/22	132	30 - 140	82	30 - 140	103	%		
6059521	C13-233'44'-PentaCB-(105)	2019/04/22	88	30 - 140	63	30 - 140	107	%		
6059521	C13-233'55'-PentaCB-(111)	2019/04/22	88	40 - 125	94	40 - 125	103	%		
6059521	C13-23'44'55'-HexaCB-(167)	2019/04/22	84	30 - 140	72	30 - 140	87	%		
6059521	C13-2344'5-PentaCB-(114)	2019/04/22	84	30 - 140	63	30 - 140	99	%		
6059521	C13-23'44'5-PentaCB-(118)	2019/04/22	89	30 - 140	64	30 - 140	102	%		
6059521	C13-2'344'5-PentaCB-(123)	2019/04/22	87	30 - 140	64	30 - 140	99	%		
6059521	C13-2-MonoCB-(1)	2019/04/22	55	15 - 140	68	15 - 140	56	%		
6059521	C13-33'44'55'-HexaCB-(169)	2019/04/22	44	30 - 140	52	30 - 140	66	%		
6059521	C13-33'44'5-PentaCB-(126)	2019/04/22	65	30 - 140	56	30 - 140	98	%		
6059521	C13-33'44'-TetraCB-(77)	2019/04/22	78	30 - 140	63	30 - 140	104	%		
6059521	C13-344'5-TetraCB-(81)	2019/04/22	81	30 - 140	63	30 - 140	101	%		
6059521	C13-344'-TriCB-(37)	2019/04/22	98	30 - 140	69	30 - 140	95	%		
6059521	C13-44'-DiCB-(15)	2019/04/22	85	30 - 140	85	30 - 140	92	%		
6059521	C13-4-MonoCB-(3)	2019/04/22	67	15 - 140	80	15 - 140	69	%		
6059521	C13-DecaCB-(209)	2019/04/22	80	30 - 140	96	30 - 140	111	%		
6059521	C13-HexaCB-(156)+(157)	2019/04/22	81	30 - 140	70	30 - 140	91	%		
6063796	37CL4 2378 Tetra CDD	2019/04/12			113	35 - 197	128	%		
6063796	C13-1234678 HeptaCDD	2019/04/12			76	23 - 140	61	%		
6063796	C13-1234678 HeptaCDF	2019/04/12			79	28 - 143	65	%		
6063796	C13-123478 HexaCDD	2019/04/12			77	32 - 141	68	%		
6063796	C13-123478 HexaCDF	2019/04/12			77	26 - 152	63	%		
6063796	C13-1234789 HeptaCDF	2019/04/12			75	26 - 138	59	%		
6063796	C13-123678 HexaCDD	2019/04/12			84	28 - 130	72	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6063796	C13-123678 HexaCDF	2019/04/12			78	26 - 123	65	%		
6063796	C13-12378 PentaCDD	2019/04/12			84	25 - 181	64	%		
6063796	C13-12378 PentaCDF	2019/04/12			70	24 - 185	55	%		
6063796	C13-123789 HexaCDF	2019/04/12			75	29 - 147	65	%		
6063796	C13-234678 HexaCDF	2019/04/12			85	28 - 136	77	%		
6063796	C13-23478 PentaCDF	2019/04/12			81	25 - 181	64	%		
6063796	C13-2378 TetraCDD	2019/04/12			67	25 - 164	54	%		
6063796	C13-2378 TetraCDF	2019/04/12			71	24 - 169	59	%		
6063796	C13-OCDD	2019/04/12			68	17 - 157	51	%		
6065797	37CL4 2378 Tetra CDD	2019/04/11	65	35 - 197	75	35 - 197	93	%		
6065797	C13-1234678 HeptaCDD	2019/04/11	38	23 - 140	33	23 - 140	9.0 (3)	%		
6065797	C13-1234678 HeptaCDF	2019/04/11	41	28 - 143	35	28 - 143	10 (3)	%		
6065797	C13-123478 HexaCDD	2019/04/11	42	32 - 141	32	32 - 141	10 (3)	%		
6065797	C13-123478 HexaCDF	2019/04/11	41	26 - 152	34	26 - 152	11 (3)	%		
6065797	C13-1234789 HeptaCDF	2019/04/11	37	26 - 138	33	26 - 138	9.0 (3)	%		
6065797	C13-123678 HexaCDD	2019/04/11	42	28 - 130	35	28 - 130	11 (3)	%		
6065797	C13-123678 HexaCDF	2019/04/11	39	26 - 123	33	26 - 123	10 (3)	%		
6065797	C13-12378 PentaCDD	2019/04/11	42	25 - 181	32	25 - 181	11 (3)	%		
6065797	C13-12378 PentaCDF	2019/04/11	34	24 - 185	29	24 - 185	9.0 (3)	%		
6065797	C13-123789 HexaCDF	2019/04/11	39	29 - 147	32	29 - 147	11 (3)	%		
6065797	C13-234678 HexaCDF	2019/04/11	42	28 - 136	34	28 - 136	11 (3)	%		
6065797	C13-23478 PentaCDF	2019/04/11	41	25 - 181	34	25 - 181	11 (3)	%		
6065797	C13-2378 TetraCDD	2019/04/11	36	25 - 164	30	25 - 164	9.0 (3)	%		
6065797	C13-2378 TetraCDF	2019/04/11	37	24 - 169	32	24 - 169	11 (3)	%		
6065797	C13-OCDD	2019/04/11	33	17 - 157	28	17 - 157	8.0 (3)	%		
6068347	37CL4 2378 Tetra CDD	2019/04/12			113	35 - 197	128	%		
6068347	C13-1234678 HeptaCDD	2019/04/12			76	23 - 140	61	%		
6068347	C13-1234678 HeptaCDF	2019/04/12			79	28 - 143	65	%		
6068347	C13-123478 HexaCDD	2019/04/12			77	32 - 141	68	%		
6068347	C13-123478 HexaCDF	2019/04/12			77	26 - 152	63	%		
6068347	C13-1234789 HeptaCDF	2019/04/12			75	26 - 138	59	%		
6068347	C13-123678 HexaCDD	2019/04/12			84	28 - 130	72	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6068347	C13-123678 HexaCDF	2019/04/12			78	26 - 123	65	%		
6068347	C13-12378 PentaCDD	2019/04/12			84	25 - 181	64	%		
6068347	C13-12378 PentaCDF	2019/04/12			70	24 - 185	55	%		
6068347	C13-123789 HexaCDF	2019/04/12			75	29 - 147	65	%		
6068347	C13-234678 HexaCDF	2019/04/12			85	28 - 136	77	%		
6068347	C13-23478 PentaCDF	2019/04/12			81	25 - 181	64	%		
6068347	C13-2378 TetraCDD	2019/04/12			67	25 - 164	54	%		
6068347	C13-2378 TetraCDF	2019/04/12			71	24 - 169	59	%		
6068347	C13-OCDD	2019/04/12			68	17 - 157	51	%		
6069287	Acenaphthylene-2H8	2019/04/15	26 (14)	50 - 150	24 (14)	50 - 150	42 (14)	%		
6069287	Benz(a)anthracene-2H12	2019/04/15	66	50 - 150	32 (14)	50 - 150	70	%		
6069287	Benzo(a)pyrene-2H12	2019/04/15	59	50 - 150	43 (14)	50 - 150	57	%		
6069287	Benzo(b)fluoranthene-2H12	2019/04/15	75	50 - 150	46 (14)	50 - 150	64	%		
6069287	Benzo(g,h,i)perylene-2H12	2019/04/15	64	50 - 150	41 (14)	50 - 150	65	%		
6069287	Benzo(k)fluoranthene-2H12	2019/04/15	71	50 - 150	44 (14)	50 - 150	62	%		
6069287	Chrysene-2H12	2019/04/15	62	50 - 150	32 (14)	50 - 150	59	%		
6069287	Dibenzo(a,h)anthracene-2H14	2019/04/15	78	50 - 150	67	50 - 150	71	%		
6069287	Fluoranthene-2H10	2019/04/15	64	50 - 150	46 (14)	50 - 150	52	%		
6069287	Indeno(1,2,3-c,d)pyrene-2H12	2019/04/15	66	50 - 150	57	50 - 150	68	%		
6069287	Naphthalene-2H8	2019/04/15	20 (14)	50 - 150	5.0 (26)	50 - 150	27 (14)	%		
6069287	Perylene-2H12	2019/04/15	72	50 - 150	43 (14)	50 - 150	66	%		
6069287	Phenanthrene-2H10	2019/04/15	52	50 - 150	58	50 - 150	46 (14)	%		
6069832	Acenaphthylene-2H8	2019/04/18	20 (3)	50 - 150	22 (3)	50 - 150	50	%		
6069832	Benz(a)anthracene-2H12	2019/04/18	20 (3)	50 - 150	24 (3)	50 - 150	61	%		
6069832	Benzo(a)pyrene-2H12	2019/04/18	18 (3)	50 - 150	19 (3)	50 - 150	43 (3)	%		
6069832	Benzo(b)fluoranthene-2H12	2019/04/18	18 (3)	50 - 150	19 (3)	50 - 150	53	%		
6069832	Benzo(g,h,i)perylene-2H12	2019/04/18	16 (3)	50 - 150	20 (3)	50 - 150	48 (3)	%		
6069832	Benzo(k)fluoranthene-2H12	2019/04/18	18 (3)	50 - 150	16 (3)	50 - 150	45 (3)	%		
6069832	Chrysene-2H12	2019/04/18	18 (3)	50 - 150	21 (3)	50 - 150	59	%		
6069832	Dibenzo(a,h)anthracene-2H14	2019/04/18	18 (3)	50 - 150	29 (3)	50 - 150	54	%		
6069832	Fluoranthene-2H10	2019/04/18	17 (3)	50 - 150	21 (3)	50 - 150	55	%		
6069832	Indeno(1,2,3-c,d)pyrene-2H12	2019/04/18	17 (3)	50 - 150	23 (3)	50 - 150	49 (3)	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6069832	Naphthalene-2H8	2019/04/18	15 (28)	50 - 150	19 (28)	50 - 150	48 (28)	%		
6069832	Perylene-2H12	2019/04/18	18 (3)	50 - 150	22 (3)	50 - 150	51	%		
6069832	Phenanthrene-2H10	2019/04/18	19 (3)	50 - 150	22 (3)	50 - 150	57	%		
6071630	C13-2,44'-TriCB-(28)	2019/04/16	91	40 - 125	99	40 - 125	105	%		
6071630	C13-22'33'44'55'6-NonaCB-(206)	2019/04/16	99	30 - 140	107	30 - 140	119	%		
6071630	C13-22'33'44'5-HeptaCB-(170)	2019/04/16	120	30 - 140	105	30 - 140	136	%		
6071630	C13-22'33'455'66'-NonaCB-(208)	2019/04/16	115	30 - 140	110	30 - 140	133	%		
6071630	C13-22'33'55'66'-OctaCB-(202)	2019/04/16	116	30 - 140	98	30 - 140	124	%		
6071630	C13-22'33'55'6-HeptaCB-(178)	2019/04/16	90	40 - 125	107	40 - 125	104	%		
6071630	C13-22'344'55'-HeptaCB-(180)	2019/04/16	120	30 - 140	99	30 - 140	126	%		
6071630	C13-22'34'566'-HeptaCB-(188)	2019/04/16	81	30 - 140	102	30 - 140	97	%		
6071630	C13-22'44'66'-HexaCB-(155)	2019/04/16	86	30 - 140	115	30 - 140	103	%		
6071630	C13-22'466'-PentaCB-(104)	2019/04/16	92	30 - 140	112	30 - 140	105	%		
6071630	C13-22'66'-TetraCB-(54)	2019/04/16	86	30 - 140	91	30 - 140	95	%		
6071630	C13-22'6-TriCB-(19)	2019/04/16	88	30 - 140	83	30 - 140	92	%		
6071630	C13-22'-DiCB-(4)	2019/04/16	70	30 - 140	63	30 - 140	68	%		
6071630	C13-233'44'55'6-OctaCB-(205)	2019/04/16	92	30 - 140	103	30 - 140	108	%		
6071630	C13-233'44'55'-HeptaCB-(189)	2019/04/16	101	30 - 140	105	30 - 140	121	%		
6071630	C13-233'44'-PentaCB-(105)	2019/04/16	91	30 - 140	93	30 - 140	108	%		
6071630	C13-233'55'-PentaCB-(111)	2019/04/16	103	40 - 125	109	40 - 125	115	%		
6071630	C13-23'44'55'-HexaCB-(167)	2019/04/16	90	30 - 140	99	30 - 140	105	%		
6071630	C13-2344'5-PentaCB-(114)	2019/04/16	87	30 - 140	93	30 - 140	101	%		
6071630	C13-23'44'5-PentaCB-(118)	2019/04/16	91	30 - 140	98	30 - 140	105	%		
6071630	C13-2'344'5-PentaCB-(123)	2019/04/16	90	30 - 140	97	30 - 140	107	%		
6071630	C13-2-MonoCB-(1)	2019/04/16	49	15 - 140	47	15 - 140	55	%		
6071630	C13-33'44'55'-HexaCB-(169)	2019/04/16	68	30 - 140	80	30 - 140	76	%		
6071630	C13-33'44'5-PentaCB-(126)	2019/04/16	92	30 - 140	93	30 - 140	107	%		
6071630	C13-33'44'-TetraCB-(77)	2019/04/16	91	30 - 140	86	30 - 140	102	%		
6071630	C13-344'5-TetraCB-(81)	2019/04/16	91	30 - 140	85	30 - 140	102	%		
6071630	C13-344'-TriCB-(37)	2019/04/16	89	30 - 140	94	30 - 140	103	%		
6071630	C13-44'-DiCB-(15)	2019/04/16	87	30 - 140	87	30 - 140	92	%		
6071630	C13-4-MonoCB-(3)	2019/04/16	64	15 - 140	60	15 - 140	66	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	C13-DecaCB-(209)	2019/04/16	98	30 - 140	102	30 - 140	105	%		
6071630	C13-HexaCB-(156)+(157)	2019/04/16	89	30 - 140	98	30 - 140	105	%		
6075060	37CL4 2378 Tetra CDD	2019/04/24	91	35 - 197	82	35 - 197	82	%		
6075060	C13-1234678 HeptaCDD	2019/04/24	113	23 - 140	110	23 - 140	94	%		
6075060	C13-1234678 HeptaCDF	2019/04/24	90	28 - 143	94	28 - 143	97	%		
6075060	C13-123478 HexaCDD	2019/04/24	101	32 - 141	96	32 - 141	84	%		
6075060	C13-123478 HexaCDF	2019/04/24	86	26 - 152	83	26 - 152	79	%		
6075060	C13-1234789 HeptaCDF	2019/04/24	105	26 - 138	101	26 - 138	84	%		
6075060	C13-123678 HexaCDD	2019/04/24	109	28 - 130	103	28 - 130	105	%		
6075060	C13-123678 HexaCDF	2019/04/24	86	26 - 123	89	26 - 123	92	%		
6075060	C13-12378 PentaCDD	2019/04/24	92	25 - 181	97	25 - 181	86	%		
6075060	C13-12378 PentaCDF	2019/04/24	72	24 - 185	72	24 - 185	68	%		
6075060	C13-123789 HexaCDF	2019/04/24	87	29 - 147	87	29 - 147	81	%		
6075060	C13-234678 HexaCDF	2019/04/24	87	28 - 136	85	28 - 136	84	%		
6075060	C13-23478 PentaCDF	2019/04/24	78	25 - 181	79	25 - 181	79	%		
6075060	C13-2378 TetraCDD	2019/04/24	88	25 - 164	87	25 - 164	79	%		
6075060	C13-2378 TetraCDF	2019/04/24	73	24 - 169	72	24 - 169	70	%		
6075060	C13-OCDD	2019/04/24	123	17 - 157	120	17 - 157	97	%		
6076141	C13-2,44'-TriCB-(28)	2019/04/17	164 (25)	40 - 125	93	40 - 125	108	%		
6076141	C13-22'33'44'55'6-NonaCB-(206)	2019/04/17	137	30 - 140	119	30 - 140	93	%		
6076141	C13-22'33'44'5-HeptaCB-(170)	2019/04/17	203 (25)	30 - 140	131	30 - 140	122	%		
6076141	C13-22'33'455'66'-NonaCB-(208)	2019/04/17	169 (25)	30 - 140	116	30 - 140	104	%		
6076141	C13-22'33'55'66'-OctaCB-(202)	2019/04/17	238 (25)	30 - 140	150 (3)	30 - 140	148 (3)	%		
6076141	C13-22'33'55'6-HeptaCB-(178)	2019/04/17	138 (25)	40 - 125	114	40 - 125	97	%		
6076141	C13-22'344'55'-HeptaCB-(180)	2019/04/17	208 (25)	30 - 140	136	30 - 140	123	%		
6076141	C13-22'34'566'-HeptaCB-(188)	2019/04/17	143 (25)	30 - 140	102	30 - 140	96	%		
6076141	C13-22'44'66'-HexaCB-(155)	2019/04/17	188 (25)	30 - 140	120	30 - 140	123	%		
6076141	C13-22'466'-PentaCB-(104)	2019/04/17	172 (25)	30 - 140	113	30 - 140	120	%		
6076141	C13-22'66'-TetraCB-(54)	2019/04/17	132	30 - 140	110	30 - 140	91	%		
6076141	C13-22'6-TriCB-(19)	2019/04/17	107	30 - 140	89	30 - 140	77	%		
6076141	C13-22'-DiCB-(4)	2019/04/17	79	30 - 140	76	30 - 140	53	%		
6076141	C13-233'44'55'6-OctaCB-(205)	2019/04/17	145 (25)	30 - 140	99	30 - 140	99	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	C13-233'44'55'-HeptaCB-(189)	2019/04/17	178 (25)	30 - 140	101	30 - 140	126	%		
6076141	C13-233'44'-PentaCB-(105)	2019/04/17	125	30 - 140	82	30 - 140	90	%		
6076141	C13-233'55'-PentaCB-(111)	2019/04/17	135 (25)	40 - 125	113	40 - 125	100	%		
6076141	C13-23'44'55'-HexaCB-(167)	2019/04/17	133	30 - 140	89	30 - 140	93	%		
6076141	C13-2344'5-PentaCB-(114)	2019/04/17	122	30 - 140	82	30 - 140	89	%		
6076141	C13-23'44'5-PentaCB-(118)	2019/04/17	134	30 - 140	90	30 - 140	93	%		
6076141	C13-2'344'5-PentaCB-(123)	2019/04/17	134	30 - 140	86	30 - 140	95	%		
6076141	C13-2-MonoCB-(1)	2019/04/17	65	15 - 140	43	15 - 140	54	%		
6076141	C13-33'44'55'-HexaCB-(169)	2019/04/17	69	30 - 140	58	30 - 140	56	%		
6076141	C13-33'44'5-PentaCB-(126)	2019/04/17	101	30 - 140	84	30 - 140	74	%		
6076141	C13-33'44'-TetraCB-(77)	2019/04/17	106	30 - 140	85	30 - 140	72	%		
6076141	C13-344'5-TetraCB-(81)	2019/04/17	108	30 - 140	84	30 - 140	74	%		
6076141	C13-344'-TriCB-(37)	2019/04/17	145 (25)	30 - 140	86	30 - 140	94	%		
6076141	C13-44'-DiCB-(15)	2019/04/17	118	30 - 140	86	30 - 140	85	%		
6076141	C13-4-MonoCB-(3)	2019/04/17	82	15 - 140	56	15 - 140	58	%		
6076141	C13-DecaCB-(209)	2019/04/17	113	30 - 140	103	30 - 140	77	%		
6076141	C13-HexaCB-(156)+(157)	2019/04/17	120	30 - 140	91	30 - 140	81	%		
6088450	37Cl4 2378 Tetra CDD	2019/04/29	101	35 - 197	100	35 - 197	98	%		
6088450	C13-1234678 HeptaCDD	2019/04/29	112	23 - 140	85	23 - 140	96	%		
6088450	C13-1234678 HeptaCDF	2019/04/29	113	28 - 143	97	28 - 143	103	%		
6088450	C13-123478 HexaCDD	2019/04/29	101	32 - 141	88	32 - 141	83	%		
6088450	C13-123478 HexaCDF	2019/04/29	92	26 - 152	86	26 - 152	75	%		
6088450	C13-1234789 HeptaCDF	2019/04/29	119	26 - 138	85	26 - 138	96	%		
6088450	C13-123678 HexaCDD	2019/04/29	95	28 - 130	84	28 - 130	77	%		
6088450	C13-123678 HexaCDF	2019/04/29	89	26 - 123	84	26 - 123	75	%		
6088450	C13-12378 PentaCDD	2019/04/29	90	25 - 181	85	25 - 181	70	%		
6088450	C13-12378 PentaCDF	2019/04/29	95	24 - 185	82	24 - 185	75	%		
6088450	C13-123789 HexaCDF	2019/04/29	111	29 - 147	109	29 - 147	108	%		
6088450	C13-234678 HexaCDF	2019/04/29	105	28 - 136	91	28 - 136	90	%		
6088450	C13-23478 PentaCDF	2019/04/29	97	25 - 181	91	25 - 181	76	%		
6088450	C13-2378 TetraCDD	2019/04/29	85	25 - 164	85	25 - 164	81	%		
6088450	C13-2378 TetraCDF	2019/04/29	93	24 - 169	106	24 - 169	94	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6088450	C13-OCDD	2019/04/29	87	17 - 157	67	17 - 157	70	%		
6093649	C13-2,44'-TriCB-(28)	2019/05/07	97	40 - 125	99	40 - 125	118	%		
6093649	C13-22'33'44'55'6-NonaCB-(206)	2019/05/07	89	30 - 140	94	30 - 140	100	%		
6093649	C13-22'33'44'5-HeptaCB-(170)	2019/05/07	126	30 - 140	133	30 - 140	138	%		
6093649	C13-22'33'455'66'-NonaCB-(208)	2019/05/07	116	30 - 140	118	30 - 140	122	%		
6093649	C13-22'33'55'66'-OctaCB-(202)	2019/05/07	140	30 - 140	147 (3)	30 - 140	149 (3)	%		
6093649	C13-22'33'55'6-HeptaCB-(178)	2019/05/07	101	40 - 125	104	40 - 125	107	%		
6093649	C13-22'344'55'-HeptaCB-(180)	2019/05/07	135	30 - 140	139	30 - 140	145 (3)	%		
6093649	C13-22'34'566'-HeptaCB-(188)	2019/05/07	103	30 - 140	106	30 - 140	106	%		
6093649	C13-22'44'66'-HexaCB-(155)	2019/05/07	101	30 - 140	110	30 - 140	105	%		
6093649	C13-22'466'-PentaCB-(104)	2019/05/07	94	30 - 140	100	30 - 140	102	%		
6093649	C13-22'66'-TetraCB-(54)	2019/05/07	80	30 - 140	80	30 - 140	89	%		
6093649	C13-22'6-TriCB-(19)	2019/05/07	79	30 - 140	88	30 - 140	90	%		
6093649	C13-22'-DiCB-(4)	2019/05/07	70	30 - 140	75	30 - 140	86	%		
6093649	C13-233'44'55'6-OctaCB-(205)	2019/05/07	99	30 - 140	107	30 - 140	112	%		
6093649	C13-233'44'55'-HeptaCB-(189)	2019/05/07	122	30 - 140	131	30 - 140	135	%		
6093649	C13-233'44'-PentaCB-(105)	2019/05/07	108	30 - 140	108	30 - 140	111	%		
6093649	C13-233'55'-PentaCB-(111)	2019/05/07	89	40 - 125	101	40 - 125	108	%		
6093649	C13-23'44'55'-HexaCB-(167)	2019/05/07	111	30 - 140	109	30 - 140	121	%		
6093649	C13-2344'5-PentaCB-(114)	2019/05/07	103	30 - 140	102	30 - 140	116	%		
6093649	C13-23'44'5-PentaCB-(118)	2019/05/07	100	30 - 140	109	30 - 140	114	%		
6093649	C13-2'344'5-PentaCB-(123)	2019/05/07	105	30 - 140	106	30 - 140	110	%		
6093649	C13-2-MonoCB-(1)	2019/05/07	63	15 - 140	67	15 - 140	78	%		
6093649	C13-33'44'55'-HexaCB-(169)	2019/05/07	65	30 - 140	59	30 - 140	66	%		
6093649	C13-33'44'5-PentaCB-(126)	2019/05/07	93	30 - 140	90	30 - 140	94	%		
6093649	C13-33'44'-TetraCB-(77)	2019/05/07	100	30 - 140	97	30 - 140	104	%		
6093649	C13-344'5-TetraCB-(81)	2019/05/07	100	30 - 140	99	30 - 140	105	%		
6093649	C13-344'-TriCB-(37)	2019/05/07	107	30 - 140	104	30 - 140	112	%		
6093649	C13-44'-DiCB-(15)	2019/05/07	90	30 - 140	97	30 - 140	105	%		
6093649	C13-4-MonoCB-(3)	2019/05/07	68	15 - 140	70	15 - 140	81	%		
6093649	C13-DecaCB-(209)	2019/05/07	77	30 - 140	83	30 - 140	80	%		
6093649	C13-HexaCB-(156)+(157)	2019/05/07	107	30 - 140	104	30 - 140	114	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095379	Acenaphthylene-2H8	2019/04/30	128	50 - 150	127	50 - 150	112	%		
6095379	Benz(a)anthracene-2H12	2019/04/30	147	50 - 150	150	50 - 150	131	%		
6095379	Benzo(a)pyrene-2H12	2019/04/30	100	50 - 150	107	50 - 150	91	%		
6095379	Benzo(b)fluoranthene-2H12	2019/04/30	125	50 - 150	137	50 - 150	128	%		
6095379	Benzo(g,h,i)perylene-2H12	2019/04/30	104	50 - 150	115	50 - 150	104	%		
6095379	Benzo(k)fluoranthene-2H12	2019/04/30	124	50 - 150	145	50 - 150	130	%		
6095379	Chrysene-2H12	2019/04/30	136	50 - 150	149	50 - 150	125	%		
6095379	Dibenzo(a,h)anthracene-2H14	2019/04/30	119	50 - 150	133	50 - 150	113	%		
6095379	Fluoranthene-2H10	2019/04/30	118	50 - 150	133	50 - 150	119	%		
6095379	Indeno(1,2,3-c,d)pyrene-2H12	2019/04/30	118	50 - 150	132	50 - 150	105	%		
6095379	Naphthalene-2H8	2019/04/30	125 (34)	50 - 150	130 (34)	50 - 150	124 (34)	%		
6095379	Perylene-2H12	2019/04/30	122	50 - 150	143	50 - 150	117	%		
6095379	Phenanthrene-2H10	2019/04/30	99	50 - 150	128	50 - 150	110	%		
6095733	C13-2,44'-TriCB-(28)	2019/04/30	89	40 - 125	96	40 - 125	97	%		
6095733	C13-22'33'44'55'6-NonaCB-(206)	2019/04/30	92	30 - 140	95	30 - 140	90	%		
6095733	C13-22'33'44'5-HeptaCB-(170)	2019/04/30	133	30 - 140	140	30 - 140	146 (3)	%		
6095733	C13-22'33'455'66'-NonaCB-(208)	2019/04/30	115	30 - 140	106	30 - 140	119	%		
6095733	C13-22'33'55'66'-OctaCB-(202)	2019/04/30	171 (35)	30 - 140	184 (3)	30 - 140	202 (3)	%		
6095733	C13-22'33'55'6-HeptaCB-(178)	2019/04/30	104	40 - 125	107	40 - 125	113	%		
6095733	C13-22'344'55'-HeptaCB-(180)	2019/04/30	141 (36)	30 - 140	145 (3)	30 - 140	159 (3)	%		
6095733	C13-22'34'566'-HeptaCB-(188)	2019/04/30	117	30 - 140	119	30 - 140	115	%		
6095733	C13-22'44'66'-HexaCB-(155)	2019/04/30	157 (35)	30 - 140	163 (3)	30 - 140	166 (3)	%		
6095733	C13-22'466'-PentaCB-(104)	2019/04/30	123	30 - 140	132	30 - 140	125	%		
6095733	C13-22'66'-TetraCB-(54)	2019/04/30	102	30 - 140	104	30 - 140	105	%		
6095733	C13-22'6-TriCB-(19)	2019/04/30	83	30 - 140	82	30 - 140	81	%		
6095733	C13-22'-DiCB-(4)	2019/04/30	69	30 - 140	66	30 - 140	64	%		
6095733	C13-233'44'55'6-OctaCB-(205)	2019/04/30	92	30 - 140	100	30 - 140	96	%		
6095733	C13-233'44'55'-HeptaCB-(189)	2019/04/30	117	30 - 140	122	30 - 140	116	%		
6095733	C13-233'44'-PentaCB-(105)	2019/04/30	74	30 - 140	76	30 - 140	67	%		
6095733	C13-233'55'-PentaCB-(111)	2019/04/30	78	40 - 125	85	40 - 125	84	%		
6095733	C13-23'44'55'-HexaCB-(167)	2019/04/30	86	30 - 140	78	30 - 140	81	%		
6095733	C13-2344'5-PentaCB-(114)	2019/04/30	71	30 - 140	74	30 - 140	68	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	C13-23'44'5-PentaCB-(118)	2019/04/30	75	30 - 140	80	30 - 140	68	%		
6095733	C13-2'344'5-PentaCB-(123)	2019/04/30	76	30 - 140	77	30 - 140	64	%		
6095733	C13-2-MonoCB-(1)	2019/04/30	48	15 - 140	47	15 - 140	45	%		
6095733	C13-33'44'55'-HexaCB-(169)	2019/04/30	54	30 - 140	50	30 - 140	43	%		
6095733	C13-33'44'5-PentaCB-(126)	2019/04/30	60	30 - 140	61	30 - 140	55	%		
6095733	C13-33'44'-TetraCB-(77)	2019/04/30	63	30 - 140	69	30 - 140	64	%		
6095733	C13-344'5-TetraCB-(81)	2019/04/30	65	30 - 140	68	30 - 140	65	%		
6095733	C13-344'-TriCB-(37)	2019/04/30	82	30 - 140	91	30 - 140	86	%		
6095733	C13-44'-DiCB-(15)	2019/04/30	79	30 - 140	82	30 - 140	81	%		
6095733	C13-4-MonoCB-(3)	2019/04/30	58	15 - 140	58	15 - 140	56	%		
6095733	C13-DecaCB-(209)	2019/04/30	91	30 - 140	83	30 - 140	89	%		
6095733	C13-HexaCB-(156)+(157)	2019/04/30	83	30 - 140	81	30 - 140	73	%		
6098264	37CL4 2378 Tetra CDD	2019/05/02	112	35 - 197	104	35 - 197	108	%		
6098264	C13-1234678 HeptaCDD	2019/05/02	91	23 - 140	112	23 - 140	93	%		
6098264	C13-1234678 HeptaCDF	2019/05/02	101	28 - 143	126	28 - 143	103	%		
6098264	C13-123478 HexaCDD	2019/05/02	107	32 - 141	101	32 - 141	96	%		
6098264	C13-123478 HexaCDF	2019/05/02	111	26 - 152	103	26 - 152	95	%		
6098264	C13-1234789 HeptaCDF	2019/05/02	105	26 - 138	120	26 - 138	103	%		
6098264	C13-123678 HexaCDD	2019/05/02	98	28 - 130	94	28 - 130	99	%		
6098264	C13-123678 HexaCDF	2019/05/02	108	26 - 123	101	26 - 123	97	%		
6098264	C13-12378 PentaCDD	2019/05/02	115	25 - 181	132	25 - 181	102	%		
6098264	C13-12378 PentaCDF	2019/05/02	98	24 - 185	126	24 - 185	98	%		
6098264	C13-123789 HexaCDF	2019/05/02	109	29 - 147	114	29 - 147	108	%		
6098264	C13-234678 HexaCDF	2019/05/02	103	28 - 136	104	28 - 136	100	%		
6098264	C13-23478 PentaCDF	2019/05/02	116	25 - 181	138	25 - 181	106	%		
6098264	C13-2378 TetraCDD	2019/05/02	82	25 - 164	77	25 - 164	74	%		
6098264	C13-2378 TetraCDF	2019/05/02	102	24 - 169	88	24 - 169	87	%		
6098264	C13-OCDD	2019/05/02	80	17 - 157	93	17 - 157	75	%		
6104533	Acenaphthylene-2H8	2019/05/05	112	50 - 150	101	50 - 150	110	%		
6104533	Benz(a)anthracene-2H12	2019/05/05	145	50 - 150	140	50 - 150	131	%		
6104533	Benzo(a)pyrene-2H12	2019/05/05	101	50 - 150	87	50 - 150	85	%		
6104533	Benzo(b)fluoranthene-2H12	2019/05/05	125	50 - 150	125	50 - 150	114	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6104533	Benzo(g,h,i)perylene-2H12	2019/05/05	111	50 - 150	114	50 - 150	93	%		
6104533	Benzo(k)fluoranthene-2H12	2019/05/05	139	50 - 150	129	50 - 150	113	%		
6104533	Chrysene-2H12	2019/05/05	139	50 - 150	130	50 - 150	143	%		
6104533	Dibenzo(a,h)anthracene-2H14	2019/05/05	130	50 - 150	123	50 - 150	110	%		
6104533	Fluoranthene-2H10	2019/05/05	116	50 - 150	115	50 - 150	120	%		
6104533	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/05	114	50 - 150	109	50 - 150	100	%		
6104533	Naphthalene-2H8	2019/05/05	84 (39)	50 - 150	65 (39)	50 - 150	89 (39)	%		
6104533	Perylene-2H12	2019/05/05	131	50 - 150	120	50 - 150	109	%		
6104533	Phenanthrene-2H10	2019/05/05	136	50 - 150	134	50 - 150	130	%		
6108403	Confirmation C13-2378 TetraCDF	2019/05/03					109	%		
6110763	Confirmation C13-2378 TetraCDF	2019/05/06					62	%		
6110845	Confirmation C13-2378 TetraCDF	2019/05/07					61	%		
6113141	37CL4 2378 Tetra CDD	2019/05/16	110	35 - 197	99	35 - 197	90	%		
6113141	C13-1234678 HeptaCDD	2019/05/16	91	23 - 140	109	23 - 140	66	%		
6113141	C13-1234678 HeptaCDF	2019/05/16	96	28 - 143	101	28 - 143	76	%		
6113141	C13-123478 HexaCDD	2019/05/16	96	32 - 141	89	32 - 141	78	%		
6113141	C13-123478 HexaCDF	2019/05/16	106	26 - 152	92	26 - 152	80	%		
6113141	C13-1234789 HeptaCDF	2019/05/16	103	26 - 138	124	26 - 138	71	%		
6113141	C13-123678 HexaCDD	2019/05/16	98	28 - 130	90	28 - 130	81	%		
6113141	C13-123678 HexaCDF	2019/05/16	100	26 - 123	91	26 - 123	74	%		
6113141	C13-12378 PentaCDD	2019/05/16	150	25 - 181	130	25 - 181	90	%		
6113141	C13-12378 PentaCDF	2019/05/16	137	24 - 185	126	24 - 185	75	%		
6113141	C13-123789 HexaCDF	2019/05/16	101	29 - 147	96	29 - 147	74	%		
6113141	C13-234678 HexaCDF	2019/05/16	106	28 - 136	94	28 - 136	75	%		
6113141	C13-23478 PentaCDF	2019/05/16	151	25 - 181	130	25 - 181	84	%		
6113141	C13-2378 TetraCDD	2019/05/16	86	25 - 164	83	25 - 164	70	%		
6113141	C13-2378 TetraCDF	2019/05/16	110	24 - 169	102	24 - 169	83	%		
6113141	C13-OCDD	2019/05/16	93	17 - 157	98	17 - 157	52	%		
6113570	Acenaphthylene-2H8	2019/05/09	32 (14)	50 - 150	17 (42)	50 - 150	26 (14)	%		
6113570	Benz(a)anthracene-2H12	2019/05/09	68	50 - 150	40 (14)	50 - 150	50	%		
6113570	Benzo(a)pyrene-2H12	2019/05/09	57	50 - 150	46 (14)	50 - 150	49 (14)	%		
6113570	Benzo(b)fluoranthene-2H12	2019/05/09	64	50 - 150	46 (14)	50 - 150	53	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113570	Benzo(g,h,i)perylene-2H12	2019/05/09	59	50 - 150	39 (14)	50 - 150	47 (14)	%		
6113570	Benzo(k)fluoranthene-2H12	2019/05/09	61	50 - 150	41 (14)	50 - 150	55	%		
6113570	Chrysene-2H12	2019/05/09	64	50 - 150	40 (14)	50 - 150	50	%		
6113570	Dibenzo(a,h)anthracene-2H14	2019/05/09	64	50 - 150	44 (14)	50 - 150	50	%		
6113570	Fluoranthene-2H10	2019/05/09	55	50 - 150	37 (14)	50 - 150	49 (14)	%		
6113570	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/09	63	50 - 150	42 (14)	50 - 150	53	%		
6113570	Naphthalene-2H8	2019/05/09	28 (41)	50 - 150	7.0 (43)	50 - 150	17 (41)	%		
6113570	Perylene-2H12	2019/05/09	54	50 - 150	38 (14)	50 - 150	45 (14)	%		
6113570	Phenanthrene-2H10	2019/05/09	55	50 - 150	36 (14)	50 - 150	49 (14)	%		
6113655	C13-2,44'-TriCB-(28)	2019/05/09	79	40 - 125	76	40 - 125	69	%		
6113655	C13-22'33'44'55'6-NonaCB-(206)	2019/05/09	73	30 - 140	98	30 - 140	85	%		
6113655	C13-22'33'44'5-HeptaCB-(170)	2019/05/09	217 (25)	30 - 140	225 (3)	30 - 140	238 (3)	%		
6113655	C13-22'33'455'66'-NonaCB-(208)	2019/05/09	151 (25)	30 - 140	160 (3)	30 - 140	171 (3)	%		
6113655	C13-22'33'55'66'-OctaCB-(202)	2019/05/09	314 (25)	30 - 140	380 (3)	30 - 140	344 (3)	%		
6113655	C13-22'33'55'6-HeptaCB-(178)	2019/05/09	109	40 - 125	111	40 - 125	106	%		
6113655	C13-22'344'55'-HeptaCB-(180)	2019/05/09	241 (25)	30 - 140	265 (3)	30 - 140	243 (3)	%		
6113655	C13-22'34'566'-HeptaCB-(188)	2019/05/09	117	30 - 140	129	30 - 140	128	%		
6113655	C13-22'44'66'-HexaCB-(155)	2019/05/09	136	30 - 140	135	30 - 140	143 (3)	%		
6113655	C13-22'466'-PentaCB-(104)	2019/05/09	107	30 - 140	99	30 - 140	101	%		
6113655	C13-22'66'-TetraCB-(54)	2019/05/09	86	30 - 140	83	30 - 140	72	%		
6113655	C13-22'6-TriCB-(19)	2019/05/09	71	30 - 140	59	30 - 140	57	%		
6113655	C13-22'-DiCB-(4)	2019/05/09	57	30 - 140	47	30 - 140	48	%		
6113655	C13-233'44'55'6-OctaCB-(205)	2019/05/09	104	30 - 140	110	30 - 140	108	%		
6113655	C13-233'44'55'-HeptaCB-(189)	2019/05/09	137	30 - 140	157 (3)	30 - 140	151 (3)	%		
6113655	C13-233'44'-PentaCB-(105)	2019/05/09	92	30 - 140	92	30 - 140	92	%		
6113655	C13-233'55'-PentaCB-(111)	2019/05/09	91	40 - 125	91	40 - 125	85	%		
6113655	C13-23'44'55'-HexaCB-(167)	2019/05/09	82	30 - 140	85	30 - 140	89	%		
6113655	C13-2344'5-PentaCB-(114)	2019/05/09	92	30 - 140	91	30 - 140	90	%		
6113655	C13-23'44'5-PentaCB-(118)	2019/05/09	91	30 - 140	81	30 - 140	91	%		
6113655	C13-2'344'5-PentaCB-(123)	2019/05/09	91	30 - 140	92	30 - 140	92	%		
6113655	C13-2-MonoCB-(1)	2019/05/09	45	15 - 140	31	15 - 140	38	%		
6113655	C13-33'44'55'-HexaCB-(169)	2019/05/09	49	30 - 140	49	30 - 140	51	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	C13-33'44'5-PentaCB-(126)	2019/05/09	77	30 - 140	75	30 - 140	74	%		
6113655	C13-33'44'-TetraCB-(77)	2019/05/09	96	30 - 140	92	30 - 140	88	%		
6113655	C13-344'5-TetraCB-(81)	2019/05/09	93	30 - 140	89	30 - 140	91	%		
6113655	C13-344'-TriCB-(37)	2019/05/09	94	30 - 140	93	30 - 140	88	%		
6113655	C13-44'-DiCB-(15)	2019/05/09	72	30 - 140	66	30 - 140	62	%		
6113655	C13-4-MonoCB-(3)	2019/05/09	51	15 - 140	39	15 - 140	40	%		
6113655	C13-DecaCB-(209)	2019/05/09	54	30 - 140	80	30 - 140	87	%		
6113655	C13-HexaCB-(156)+(157)	2019/05/09	80	30 - 140	80	30 - 140	86	%		
6117615	Acenaphthylene-2H8	2019/05/13	35 (14)	50 - 150	29 (14)	50 - 150	26 (14)	%		
6117615	Benz(a)anthracene-2H12	2019/05/13	34 (14)	50 - 150	50	50 - 150	51	%		
6117615	Benzo(a)pyrene-2H12	2019/05/13	32 (14)	50 - 150	46 (14)	50 - 150	45 (14)	%		
6117615	Benzo(b)fluoranthene-2H12	2019/05/13	31 (14)	50 - 150	48 (14)	50 - 150	50 (14)	%		
6117615	Benzo(g,h,i)perylene-2H12	2019/05/13	28 (14)	50 - 150	42 (14)	50 - 150	42 (14)	%		
6117615	Benzo(k)fluoranthene-2H12	2019/05/13	28 (14)	50 - 150	45 (14)	50 - 150	47 (14)	%		
6117615	Chrysene-2H12	2019/05/13	30 (14)	50 - 150	44 (14)	50 - 150	48 (14)	%		
6117615	Dibenzo(a,h)anthracene-2H14	2019/05/13	25 (14)	50 - 150	43 (14)	50 - 150	46 (14)	%		
6117615	Fluoranthene-2H10	2019/05/13	33 (14)	50 - 150	41 (14)	50 - 150	46 (14)	%		
6117615	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/13	28 (14)	50 - 150	45 (14)	50 - 150	41 (14)	%		
6117615	Naphthalene-2H8	2019/05/13	31 (47)	50 - 150	28 (47)	50 - 150	36 (47)	%		
6117615	Perylene-2H12	2019/05/13	28 (14)	50 - 150	41 (14)	50 - 150	42 (14)	%		
6117615	Phenanthrene-2H10	2019/05/13	33 (14)	50 - 150	35 (14)	50 - 150	40 (14)	%		
6117980	Acenaphthylene-2H8	2019/05/14	26 (14)	50 - 150	34 (14)	50 - 150	62	%		
6117980	Benz(a)anthracene-2H12	2019/05/14	49 (14)	50 - 150	66	50 - 150	96	%		
6117980	Benzo(a)pyrene-2H12	2019/05/14	47 (14)	50 - 150	54	50 - 150	81	%		
6117980	Benzo(b)fluoranthene-2H12	2019/05/14	44 (14)	50 - 150	60	50 - 150	78	%		
6117980	Benzo(g,h,i)perylene-2H12	2019/05/14	38 (14)	50 - 150	58	50 - 150	72	%		
6117980	Benzo(k)fluoranthene-2H12	2019/05/14	43 (14)	50 - 150	57	50 - 150	80	%		
6117980	Chrysene-2H12	2019/05/14	40 (14)	50 - 150	57	50 - 150	85	%		
6117980	Dibenzo(a,h)anthracene-2H14	2019/05/14	44 (14)	50 - 150	54	50 - 150	77	%		
6117980	Fluoranthene-2H10	2019/05/14	38 (14)	50 - 150	53	50 - 150	73	%		
6117980	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/14	44 (14)	50 - 150	55	50 - 150	78	%		
6117980	Naphthalene-2H8	2019/05/14	29 (48)	50 - 150	29 (48)	50 - 150	62 (49)	%		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6117980	Perylene-2H12	2019/05/14	43 (14)	50 - 150	54	50 - 150	71	%		
6117980	Phenanthrene-2H10	2019/05/14	30 (14)	50 - 150	48 (14)	50 - 150	70	%		
6118079	Acenaphthylene-2H8	2019/05/15	28 (14)	50 - 150	34 (14)	50 - 150	52	%		
6118079	Benz(a)anthracene-2H12	2019/05/15	44 (14)	50 - 150	54	50 - 150	58	%		
6118079	Benzo(a)pyrene-2H12	2019/05/15	47 (14)	50 - 150	53	50 - 150	51	%		
6118079	Benzo(b)fluoranthene-2H12	2019/05/15	42 (14)	50 - 150	55	50 - 150	61	%		
6118079	Benzo(g,h,i)perylene-2H12	2019/05/15	38 (14)	50 - 150	48 (14)	50 - 150	49 (14)	%		
6118079	Benzo(k)fluoranthene-2H12	2019/05/15	48 (14)	50 - 150	53	50 - 150	55	%		
6118079	Chrysene-2H12	2019/05/15	45 (14)	50 - 150	53	50 - 150	54	%		
6118079	Dibenzo(a,h)anthracene-2H14	2019/05/15	40 (14)	50 - 150	48 (14)	50 - 150	47 (14)	%		
6118079	Fluoranthene-2H10	2019/05/15	43 (14)	50 - 150	54	50 - 150	56	%		
6118079	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/15	39 (14)	50 - 150	46 (14)	50 - 150	53	%		
6118079	Naphthalene-2H8	2019/05/15	42 (41)	50 - 150	50 (49)	50 - 150	51 (49)	%		
6118079	Perylene-2H12	2019/05/15	44 (14)	50 - 150	50	50 - 150	51	%		
6118079	Phenanthrene-2H10	2019/05/15	41 (14)	50 - 150	48 (14)	50 - 150	54	%		
6119366	37CL4 2378 Tetra CDD	2019/05/13	115	35 - 197	94	35 - 197	89	%		
6119366	C13-1234678 HeptaCDD	2019/05/13	99	23 - 140	92	23 - 140	88	%		
6119366	C13-1234678 HeptaCDF	2019/05/13	122	28 - 143	116	28 - 143	107	%		
6119366	C13-123478 HexaCDD	2019/05/13	112	32 - 141	111	32 - 141	98	%		
6119366	C13-123478 HexaCDF	2019/05/13	126	26 - 152	119	26 - 152	113	%		
6119366	C13-1234789 HeptaCDF	2019/05/13	109	26 - 138	99	26 - 138	75	%		
6119366	C13-123678 HexaCDD	2019/05/13	112	28 - 130	109	28 - 130	104	%		
6119366	C13-123678 HexaCDF	2019/05/13	122	26 - 123	111	26 - 123	108	%		
6119366	C13-12378 PentaCDD	2019/05/13	109	25 - 181	98	25 - 181	77	%		
6119366	C13-12378 PentaCDF	2019/05/13	101	24 - 185	93	24 - 185	80	%		
6119366	C13-123789 HexaCDF	2019/05/13	123	29 - 147	118	29 - 147	108	%		
6119366	C13-234678 HexaCDF	2019/05/13	126	28 - 136	116	28 - 136	112	%		
6119366	C13-23478 PentaCDF	2019/05/13	115	25 - 181	104	25 - 181	91	%		
6119366	C13-2378 TetraCDD	2019/05/13	95	25 - 164	91	25 - 164	90	%		
6119366	C13-2378 TetraCDF	2019/05/13	108	24 - 169	104	24 - 169	98	%		
6119366	C13-OCDD	2019/05/13	68	17 - 157	60	17 - 157	54	%		
6120687	C13-2,44'-TriCB-(28)	2019/05/14	51	40 - 125	63	40 - 125	57	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	C13-22'33'44'55'6-NonaCB-(206)	2019/05/14	89	30 - 140	89	30 - 140	86	%		
6120687	C13-22'33'44'5-HeptaCB-(170)	2019/05/14	154 (51)	30 - 140	200 (52)	30 - 140	163 (52)	%		
6120687	C13-22'33'455'66'-NonaCB-(208)	2019/05/14	134	30 - 140	162 (52)	30 - 140	152 (52)	%		
6120687	C13-22'33'55'66'-OctaCB-(202)	2019/05/14	181 (51)	30 - 140	299 (52)	30 - 140	217 (52)	%		
6120687	C13-22'33'55'6-HeptaCB-(178)	2019/05/14	105	40 - 125	103	40 - 125	100	%		
6120687	C13-22'344'55'-HeptaCB-(180)	2019/05/14	164 (51)	30 - 140	241 (52)	30 - 140	196 (52)	%		
6120687	C13-22'34'566'-HeptaCB-(188)	2019/05/14	103	30 - 140	110	30 - 140	108	%		
6120687	C13-22'44'66'-HexaCB-(155)	2019/05/14	94	30 - 140	112	30 - 140	100	%		
6120687	C13-22'466'-PentaCB-(104)	2019/05/14	70	30 - 140	81	30 - 140	82	%		
6120687	C13-22'66'-TetraCB-(54)	2019/05/14	43	30 - 140	54	30 - 140	44	%		
6120687	C13-22'6-TriCB-(19)	2019/05/14	30	30 - 140	37	30 - 140	27 (52)	%		
6120687	C13-22'-DiCB-(4)	2019/05/14	23 (51)	30 - 140	28 (53)	30 - 140	17 (52)	%		
6120687	C13-233'44'55'6-OctaCB-(205)	2019/05/14	97	30 - 140	99	30 - 140	101	%		
6120687	C13-233'44'55'-HeptaCB-(189)	2019/05/14	125	30 - 140	145 (52)	30 - 140	135	%		
6120687	C13-233'44'-PentaCB-(105)	2019/05/14	96	30 - 140	86	30 - 140	81	%		
6120687	C13-233'55'-PentaCB-(111)	2019/05/14	87	40 - 125	88	40 - 125	91	%		
6120687	C13-23'44'55'-HexaCB-(167)	2019/05/14	91	30 - 140	84	30 - 140	95	%		
6120687	C13-2344'5-PentaCB-(114)	2019/05/14	90	30 - 140	85	30 - 140	93	%		
6120687	C13-23'44'5-PentaCB-(118)	2019/05/14	93	30 - 140	89	30 - 140	99	%		
6120687	C13-2'344'5-PentaCB-(123)	2019/05/14	95	30 - 140	91	30 - 140	96	%		
6120687	C13-2-MonoCB-(1)	2019/05/14	19	15 - 140	22	15 - 140	11 (52)	%		
6120687	C13-33'44'55'-HexaCB-(169)	2019/05/14	62	30 - 140	44	30 - 140	57	%		
6120687	C13-33'44'5-PentaCB-(126)	2019/05/14	86	30 - 140	75	30 - 140	86	%		
6120687	C13-33'44'-TetraCB-(77)	2019/05/14	84	30 - 140	86	30 - 140	89	%		
6120687	C13-344'5-TetraCB-(81)	2019/05/14	82	30 - 140	82	30 - 140	88	%		
6120687	C13-344'-TriCB-(37)	2019/05/14	73	30 - 140	81	30 - 140	81	%		
6120687	C13-44'-DiCB-(15)	2019/05/14	35	30 - 140	44	30 - 140	38	%		
6120687	C13-4-MonoCB-(3)	2019/05/14	22	15 - 140	23	15 - 140	15	%		
6120687	C13-DecaCB-(209)	2019/05/14	80	30 - 140	65	30 - 140	78	%		
6120687	C13-HexaCB-(156)+(157)	2019/05/14	92	30 - 140	74	30 - 140	89	%		
6125075	37CL4 2378 Tetra CDD	2019/05/20	104	35 - 197	97	35 - 197	85	%		
6125075	C13-1234678 HeptaCDD	2019/05/20	82	23 - 140	104	23 - 140	81	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6125075	C13-1234678 HeptaCDF	2019/05/20	91	28 - 143	106	28 - 143	90	%		
6125075	C13-123478 HexaCDD	2019/05/20	95	32 - 141	89	32 - 141	82	%		
6125075	C13-123478 HexaCDF	2019/05/20	95	26 - 152	91	26 - 152	81	%		
6125075	C13-1234789 HeptaCDF	2019/05/20	94	26 - 138	121	26 - 138	89	%		
6125075	C13-123678 HexaCDD	2019/05/20	91	28 - 130	94	28 - 130	83	%		
6125075	C13-123678 HexaCDF	2019/05/20	88	26 - 123	83	26 - 123	70	%		
6125075	C13-12378 PentaCDD	2019/05/20	105	25 - 181	133	25 - 181	85	%		
6125075	C13-12378 PentaCDF	2019/05/20	90	24 - 185	135	24 - 185	81	%		
6125075	C13-123789 HexaCDF	2019/05/20	100	29 - 147	97	29 - 147	81	%		
6125075	C13-234678 HexaCDF	2019/05/20	99	28 - 136	95	28 - 136	78	%		
6125075	C13-23478 PentaCDF	2019/05/20	101	25 - 181	140	25 - 181	82	%		
6125075	C13-2378 TetraCDD	2019/05/20	79	25 - 164	79	25 - 164	68	%		
6125075	C13-2378 TetraCDF	2019/05/20	100	24 - 169	98	24 - 169	84	%		
6125075	C13-OCDD	2019/05/20	67	17 - 157	97	17 - 157	62	%		
6126053	C13-2,44'-TriCB-(28)	2019/05/16	79	40 - 125	92	40 - 125	82	%		
6126053	C13-22'33'44'55'6-NonaCB-(206)	2019/05/16	105	30 - 140	116	30 - 140	111	%		
6126053	C13-22'33'44'5-HeptaCB-(170)	2019/05/16	131	30 - 140	137	30 - 140	138	%		
6126053	C13-22'33'455'66'-NonaCB-(208)	2019/05/16	126	30 - 140	137	30 - 140	132	%		
6126053	C13-22'33'55'66'-OctaCB-(202)	2019/05/16	142 (3)	30 - 140	155 (3)	30 - 140	146 (54)	%		
6126053	C13-22'33'55'6-HeptaCB-(178)	2019/05/16	106	40 - 125	117	40 - 125	96	%		
6126053	C13-22'344'55'-HeptaCB-(180)	2019/05/16	131	30 - 140	145 (3)	30 - 140	147 (54)	%		
6126053	C13-22'34'566'-HeptaCB-(188)	2019/05/16	115	30 - 140	127	30 - 140	112	%		
6126053	C13-22'44'66'-HexaCB-(155)	2019/05/16	115	30 - 140	131	30 - 140	113	%		
6126053	C13-22'466'-PentaCB-(104)	2019/05/16	103	30 - 140	116	30 - 140	104	%		
6126053	C13-22'66'-TetraCB-(54)	2019/05/16	79	30 - 140	102	30 - 140	75	%		
6126053	C13-22'6-TriCB-(19)	2019/05/16	75	30 - 140	87	30 - 140	58	%		
6126053	C13-22'-DiCB-(4)	2019/05/16	59	30 - 140	74	30 - 140	37	%		
6126053	C13-233'44'55'6-OctaCB-(205)	2019/05/16	108	30 - 140	117	30 - 140	118	%		
6126053	C13-233'44'55'-HeptaCB-(189)	2019/05/16	117	30 - 140	129	30 - 140	135	%		
6126053	C13-233'44'-PentaCB-(105)	2019/05/16	108	30 - 140	123	30 - 140	122	%		
6126053	C13-233'55'-PentaCB-(111)	2019/05/16	96	40 - 125	107	40 - 125	100	%		
6126053	C13-23'44'55'-HexaCB-(167)	2019/05/16	104	30 - 140	112	30 - 140	108	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	C13-2344'5-PentaCB-(114)	2019/05/16	107	30 - 140	116	30 - 140	115	%		
6126053	C13-23'44'5-PentaCB-(118)	2019/05/16	112	30 - 140	116	30 - 140	119	%		
6126053	C13-2'344'5-PentaCB-(123)	2019/05/16	112	30 - 140	120	30 - 140	114	%		
6126053	C13-2-MonoCB-(1)	2019/05/16			71	15 - 140	26	%		
6126053	C13-33'44'55'-HexaCB-(169)	2019/05/16	73	30 - 140	74	30 - 140	70	%		
6126053	C13-33'44'5-PentaCB-(126)	2019/05/16	104	30 - 140	111	30 - 140	110	%		
6126053	C13-33'44'-TetraCB-(77)	2019/05/16	98	30 - 140	106	30 - 140	114	%		
6126053	C13-344'5-TetraCB-(81)	2019/05/16	95	30 - 140	110	30 - 140	110	%		
6126053	C13-344'-TriCB-(37)	2019/05/16	93	30 - 140	111	30 - 140	111	%		
6126053	C13-44'-DiCB-(15)	2019/05/16	77	30 - 140	85	30 - 140	74	%		
6126053	C13-4-MonoCB-(3)	2019/05/16	55	15 - 140	68	15 - 140	33	%		
6126053	C13-DecaCB-(209)	2019/05/16	97	30 - 140	103	30 - 140	97	%		
6126053	C13-HexaCB-(156)+(157)	2019/05/16	105	30 - 140	112	30 - 140	109	%		
6127502	Acenaphthylene-2H8	2019/05/22	106	50 - 150	86	50 - 150	96	%		
6127502	Benz(a)anthracene-2H12	2019/05/22	94	50 - 150	78	50 - 150	82	%		
6127502	Benzo(a)pyrene-2H12	2019/05/22	83	50 - 150	83	50 - 150	87	%		
6127502	Benzo(b)fluoranthene-2H12	2019/05/22	88	50 - 150	78	50 - 150	90	%		
6127502	Benzo(g,h,i)perylene-2H12	2019/05/22	65	50 - 150	74	50 - 150	81	%		
6127502	Benzo(k)fluoranthene-2H12	2019/05/22	87	50 - 150	80	50 - 150	87	%		
6127502	Chrysene-2H12	2019/05/22	86	50 - 150	85	50 - 150	84	%		
6127502	Dibenzo(a,h)anthracene-2H14	2019/05/22	71	50 - 150	69	50 - 150	71	%		
6127502	Fluoranthene-2H10	2019/05/22	93	50 - 150	90	50 - 150	97	%		
6127502	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/22	66	50 - 150	71	50 - 150	74	%		
6127502	Naphthalene-2H8	2019/05/22	123 (55)	50 - 150	86 (55)	50 - 150	91 (55)	%		
6127502	Perylene-2H12	2019/05/22	84	50 - 150	77	50 - 150	92	%		
6127502	Phenanthrene-2H10	2019/05/22	99	50 - 150	96	50 - 150	106	%		
6127825	Confirmation C13-2378 TetraCDF	2019/05/15					99	%		
6133366	37CL4 2378 Tetra CDD	2019/05/23	107	35 - 197	110	35 - 197	106	%		
6133366	C13-1234678 HeptaCDD	2019/05/23	55	23 - 140	102	23 - 140	68	%		
6133366	C13-1234678 HeptaCDF	2019/05/23	58	28 - 143	107	28 - 143	70	%		
6133366	C13-123478 HexaCDD	2019/05/23	57	32 - 141	95	32 - 141	67	%		
6133366	C13-123478 HexaCDF	2019/05/23	60	26 - 152	93	26 - 152	71	%		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6133366	C13-1234789 HeptaCDF	2019/05/23	68	26 - 138	115	26 - 138	77	%		
6133366	C13-123678 HexaCDD	2019/05/23	62	28 - 130	99	28 - 130	70	%		
6133366	C13-123678 HexaCDF	2019/05/23	59	26 - 123	86	26 - 123	66	%		
6133366	C13-12378 PentaCDD	2019/05/23	82	25 - 181	118	25 - 181	97	%		
6133366	C13-12378 PentaCDF	2019/05/23	66	24 - 185	109	24 - 185	81	%		
6133366	C13-123789 HexaCDF	2019/05/23	62	29 - 147	105	29 - 147	73	%		
6133366	C13-234678 HexaCDF	2019/05/23	62	28 - 136	102	28 - 136	68	%		
6133366	C13-23478 PentaCDF	2019/05/23	77	25 - 181	114	25 - 181	92	%		
6133366	C13-2378 TetraCDD	2019/05/23	49	25 - 164	86	25 - 164	54	%		
6133366	C13-2378 TetraCDF	2019/05/23	65	24 - 169	102	24 - 169	77	%		
6133366	C13-OCDD	2019/05/23	54	17 - 157	95	17 - 157	69	%		
6144881	Acenaphthylene-2H8	2019/05/31	40 (56)	50 - 150	37 (56)	50 - 150	40 (56)	%		
6144881	Benz(a)anthracene-2H12	2019/05/31	92	50 - 150	81	50 - 150	47 (57)	%		
6144881	Benzo(a)pyrene-2H12	2019/05/31	42 (56)	50 - 150	57	50 - 150	65	%		
6144881	Benzo(b)fluoranthene-2H12	2019/05/31	42 (57)	50 - 150	48 (57)	50 - 150	61	%		
6144881	Benzo(g,h,i)perylene-2H12	2019/05/31	53	50 - 150	38 (56)	50 - 150	62	%		
6144881	Benzo(k)fluoranthene-2H12	2019/05/31	55	50 - 150	48 (56)	50 - 150	53	%		
6144881	Chrysene-2H12	2019/05/31	92	50 - 150	71	50 - 150	42 (57)	%		
6144881	Dibenzo(a,h)anthracene-2H14	2019/05/31	38 (56)	50 - 150	39 (56)	50 - 150	53	%		
6144881	Fluoranthene-2H10	2019/05/31	54	50 - 150	44 (57)	50 - 150	56	%		
6144881	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/31	39 (56)	50 - 150	34 (56)	50 - 150	54	%		
6144881	Naphthalene-2H8	2019/05/31	63 (55)	50 - 150	46 (58)	50 - 150	40 (58)	%		
6144881	Perylene-2H12	2019/05/31	46 (56)	50 - 150	51	50 - 150	48 (56)	%		
6144881	Phenanthrene-2H10	2019/05/31	54	50 - 150	35 (57)	50 - 150	47 (57)	%		
6148063	Acenaphthylene-2H8	2019/05/30	34 (3)	50 - 150	58	50 - 150	46 (3)	%		
6148063	Benz(a)anthracene-2H12	2019/05/30	44 (3)	50 - 150	65	50 - 150	50	%		
6148063	Benzo(a)pyrene-2H12	2019/05/30	46 (3)	50 - 150	57	50 - 150	55	%		
6148063	Benzo(b)fluoranthene-2H12	2019/05/30	58	50 - 150	51	50 - 150	49 (3)	%		
6148063	Benzo(g,h,i)perylene-2H12	2019/05/30	50	50 - 150	53	50 - 150	48 (3)	%		
6148063	Benzo(k)fluoranthene-2H12	2019/05/30	60	50 - 150	50	50 - 150	43 (3)	%		
6148063	Chrysene-2H12	2019/05/30	46 (3)	50 - 150	55	50 - 150	43 (3)	%		
6148063	Dibenzo(a,h)anthracene-2H14	2019/05/30	33 (3)	50 - 150	55	50 - 150	53	%		

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6148063	Fluoranthene-2H10	2019/05/30	48 (3)	50 - 150	54	50 - 150	37 (3)	%		
6148063	Indeno(1,2,3-c,d)pyrene-2H12	2019/05/30	40 (3)	50 - 150	51	50 - 150	52	%		
6148063	Naphthalene-2H8	2019/05/30	58	50 - 150	43 (56)	50 - 150	52	%		
6148063	Perylene-2H12	2019/05/30	44 (3)	50 - 150	49 (56)	50 - 150	47 (3)	%		
6148063	Phenanthrene-2H10	2019/05/30	41 (3)	50 - 150	35 (56)	50 - 150	24 (3)	%		
5968550	2,3-DiCB-(5)	2019/02/09					<0.00038	ng/g	NC	30
5968550	2,3'-DiCB-(6)	2019/02/09					<0.00035	ng/g	NC	30
5968550	2,4-DiCB-(7)	2019/02/09					<0.00036	ng/g	NC	30
5968550	2,4'-DiCB-(8)	2019/02/09					<0.00035	ng/g	NC	30
5968550	2,5-DiCB-(9)	2019/02/09					<0.00034	ng/g	NC	30
5968550	2,6-DiCB-(10)	2019/02/09					<0.0022	ng/g	NC	30
5968550	22'33'44'55'6-NonaCB-(206)	2019/02/09	94	50 - 150	106	50 - 150	<0.0078	ng/g	NC	30
5968550	22'33'44'55'-OctaCB-(194)	2019/02/09					<0.0035	ng/g	NC	30
5968550	22'33'44'566'-NonaCB-(207)	2019/02/09					<0.0063	ng/g	NC	30
5968550	22'33'44'56-OctaCB-(195)	2019/02/09					<0.0039	ng/g	NC	30
5968550	22'33'44'56'-OctaCB-(196)	2019/02/09					<0.0075	ng/g	NC	30
5968550	22'33'44'5-HeptaCB-(170)	2019/02/09	106	50 - 150	106	50 - 150	0.0068, RDL=0.0098	ng/g	NC	30
5968550	22'33'44'66'OctaCB-(197)	2019/02/09					<0.0055	ng/g	NC	30
5968550	22'33'455'66'-NonaCB-(208)	2019/02/09	111	50 - 150	103	50 - 150	<0.0077	ng/g	NC	30
5968550	22'33'455'-HeptaCB-(172)	2019/02/09					<0.0050	ng/g	NC	30
5968550	22'33'4566'-OctaCB-(200)	2019/02/09					<0.0048	ng/g	NC	30
5968550	22'33'45'66'-OctaCB-(201)	2019/02/09					<0.0051	ng/g	NC	30
5968550	22'33'456'-HeptaCB-(174)	2019/02/09					0.0065, RDL=0.0098	ng/g	NC	30
5968550	22'33'45'6-HeptaCB-(175)	2019/02/09					<0.0044	ng/g	NC	30
5968550	22'33'45'6'-HeptaCB-(177)	2019/02/09					0.0084, RDL=0.0098	ng/g	NC	30
5968550	22'33'45'-HexaCB-(130)	2019/02/09					<0.0055	ng/g	NC	30
5968550	22'33'466'-HeptaCB-(176)	2019/02/09					<0.0030	ng/g	NC	30
5968550	22'33'46-HexaCB-(131)	2019/02/09					<0.0052	ng/g	NC	30
5968550	22'33'46'-HexaCB-(132)	2019/02/09					<0.0072 (1)	ng/g	NC	30
5968550	22'33'4-PentaCB-(82)	2019/02/09					<0.0039	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	22'33'55'66'-OctaCB-(202)	2019/02/09	109	50 - 150	106	50 - 150	<0.0041	ng/g	NC	30
5968550	22'33'55'6-HeptaCB-(178)	2019/02/09					0.0064, RDL=0.0098	ng/g	NC	30
5968550	22'33'55'-HexaCB-(133)	2019/02/09					<0.0046	ng/g	NC	30
5968550	22'33'566'-HeptaCB-(179)	2019/02/09					0.0060, RDL=0.0098	ng/g	NC	30
5968550	22'33'66'-HexaCB-(136)	2019/02/09					<0.0069	ng/g	NC	30
5968550	22'33'6-PentaCB-(84)	2019/02/09					<0.0041	ng/g	NC	30
5968550	22'344'55'6-OctaCB-(203)	2019/02/09					<0.0071	ng/g	NC	30
5968550	22'344'566'-OctaCB-(204)	2019/02/09					<0.0052	ng/g	NC	30
5968550	22'344'56-HeptaCB-(181)	2019/02/09					<0.0048	ng/g	NC	30
5968550	22'344'56'-HeptaCB-(182)	2019/02/09	111	50 - 150	107	50 - 150	<0.0044	ng/g	NC	30
5968550	22'344'5'6-HeptaCB-(183)	2019/02/09					<0.0047	ng/g	NC	30
5968550	22'344'5-HexaCB-(137)	2019/02/09					<0.0049	ng/g	NC	30
5968550	22'344'66'-HeptaCB-(184)	2019/02/09					<0.0027	ng/g	NC	30
5968550	22'3455'6-HeptaCB-(185)	2019/02/09					<0.0047	ng/g	NC	30
5968550	22'34'55'6-HeptaCB-(187)	2019/02/09	110	50 - 150	130	50 - 150	0.0295, RDL=0.0098	ng/g	NC	30
5968550	22'3455'-HexaCB-(141)	2019/02/09					<0.0050	ng/g	NC	30
5968550	22'34'55'-HexaCB-(146)	2019/02/09					<0.0099 (1)	ng/g	NC	30
5968550	22'34566'-HeptaCB-(186)	2019/02/09					<0.0033	ng/g	NC	30
5968550	22'34'566'-HeptaCB-(188)	2019/02/09	103	50 - 150	101	50 - 150	<0.0022	ng/g	NC	30
5968550	22'3456-HexaCB-(142)	2019/02/09					<0.0052	ng/g	NC	30
5968550	22'345'6-HexaCB-(144)	2019/02/09					<0.0091	ng/g	NC	30
5968550	22'34'56'-HexaCB-(148)	2019/02/09					<0.0095	ng/g	NC	30
5968550	22'3466'-HexaCB-(145)	2019/02/09					<0.0074	ng/g	NC	30
5968550	22'34'66'-HexaCB-(150)	2019/02/09					<0.0075	ng/g	NC	30
5968550	22'346'-PentaCB-(89)	2019/02/09					<0.0037	ng/g	NC	30
5968550	22'34'-TetraCB-(42)	2019/02/09					<0.0027	ng/g	NC	30
5968550	22'355'-PentaCB-(92)	2019/02/09					0.0090, RDL=0.0098	ng/g	NC	30
5968550	22'3566'-HexaCB-(152)	2019/02/09					<0.0066	ng/g	NC	30
5968550	22'356'-PentaCB-(94)	2019/02/09					<0.0040	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	22'35'6-PentaCB-(95)	2019/02/09					0.0160, RDL=0.0098	ng/g	NC (1)	30
5968550	22'35-TetraCB-(43)	2019/02/09					<0.0032	ng/g	NC	30
5968550	22'366'-PentaCB-(96)	2019/02/09					<0.0029	ng/g	NC	30
5968550	22'36'-TetraCB-(46)	2019/02/09					<0.0026	ng/g	NC	30
5968550	22'3-TriCB-(16)	2019/02/09					<0.00089	ng/g	NC	30
5968550	22'44'56'-HexaCB-(154)	2019/02/09					<0.0081	ng/g	NC	30
5968550	22'44'66'-HexaCB-(155)	2019/02/09	104	50 - 150	106	50 - 150	<0.0035	ng/g	NC	30
5968550	22'45'6-PentaCB-(103)	2019/02/09					<0.0030	ng/g	NC	30
5968550	22'45-TetraCB-(48)	2019/02/09					<0.0023	ng/g	NC	30
5968550	22'466'-PentaCB-(104)	2019/02/09	104	50 - 150	100	50 - 150	<0.0011	ng/g	NC	30
5968550	22'4-TriCB-(17)	2019/02/09					<0.00082	ng/g	NC	30
5968550	22'55'-TetraCB-(52)	2019/02/09					0.0199, RDL=0.0098	ng/g	NC	30
5968550	22'66'-TetraCB-(54)	2019/02/09	97	50 - 150	95	50 - 150	<0.00075	ng/g	NC	30
5968550	22'6-TriCB-(19)	2019/02/09	109	50 - 150	105	50 - 150	<0.00045	ng/g	NC	30
5968550	22'-DiCB-(4)	2019/02/09	107	50 - 150	102	50 - 150	<0.0014	ng/g	NC	30
5968550	233'44'55'6-OctaCB-(205)	2019/02/09	98	50 - 150	104	50 - 150	<0.0039	ng/g	NC	30
5968550	233'44'55'-HeptaCB-(189)	2019/02/09	110	50 - 150	106	50 - 150	<0.0033	ng/g	NC	30
5968550	233'44'56-HeptaCB-(190)	2019/02/09					<0.0035	ng/g	NC	30
5968550	233'44'5'6-HeptaCB-(191)	2019/02/09					<0.0035	ng/g	NC	30
5968550	233'44'6-HexaCB-(158)	2019/02/09					<0.0033	ng/g	NC	30
5968550	233'44'-PentaCB-(105)	2019/02/09	113	50 - 150	121	50 - 150	0.0125, RDL=0.0098	ng/g	NC	30
5968550	233'455'6-HeptaCB-(192)	2019/02/09					<0.0040	ng/g	NC	30
5968550	233'455'-HexaCB-(159)	2019/02/09					<0.0021	ng/g	NC	30
5968550	233'4'55'-HexaCB-(162)	2019/02/09					<0.0021	ng/g	NC	30
5968550	233'456-HexaCB-(160)	2019/02/09					<0.0040	ng/g	NC	30
5968550	233'45'6-HexaCB-(161)	2019/02/09					<0.0034	ng/g	NC	30
5968550	233'4'5'6-HexaCB-(164)	2019/02/09					<0.0038	ng/g	NC	30
5968550	233'45-PentaCB-(106)	2019/02/09					<0.00072	ng/g	NC	30
5968550	233'4'5-PentaCB-(107)	2019/02/09					0.00353, RDL=0.0098	ng/g	NC	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	233'4'5'-PentaCB-(122)	2019/02/09					<0.00077	ng/g	NC	30
5968550	233'4'-Tetra CB(56)	2019/02/09					0.00197, RDL=0.0098	ng/g	NC	30
5968550	233'4-TetraCB-(55)	2019/02/09					<0.00098	ng/g	NC	30
5968550	233'55'6-HexaCB-(165)	2019/02/09					<0.0033	ng/g	NC	30
5968550	233'55'-PentaCB-(111)	2019/02/09					<0.0024	ng/g	NC	30
5968550	233'56-PentaCB-(112)	2019/02/09					<0.0023	ng/g	NC	30
5968550	233'5-TetraCB-(57)	2019/02/09					<0.00091	ng/g	NC	30
5968550	233'5'-TetraCB-(58)	2019/02/09					<0.0010	ng/g	NC	30
5968550	23'44'55'-HexaCB-(167)	2019/02/09	110	50 - 150	105	50 - 150	<0.0026 (1)	ng/g	NC	30
5968550	2344'5-PentaCB-(114)	2019/02/09	110	50 - 150	105	50 - 150	<0.00092	ng/g	NC	30
5968550	23'44'5-PentaCB-(118)	2019/02/09	102	50 - 150	138	50 - 150	0.0325, RDL=0.0098	ng/g	NC	30
5968550	23'44'5'-PentaCB-(123)	2019/02/09	110	50 - 150	118	50 - 150	<0.0010	ng/g	NC	30
5968550	2344'-TetraCB -(60)	2019/02/09					0.00290, RDL=0.0098	ng/g	NC	30
5968550	23'44'-TetraCB-(66)	2019/02/09					0.0133, RDL=0.0098	ng/g	NC	30
5968550	23'455'-PentaCB-(120)	2019/02/09					<0.0022	ng/g	NC	30
5968550	23'45'6-PentaCB-(121)	2019/02/09					<0.0026	ng/g	NC	30
5968550	234'5-TetraCB-(63)	2019/02/09					<0.00087	ng/g	NC	30
5968550	23'45-TetraCB-(67)	2019/02/09					<0.00085	ng/g	NC	30
5968550	23'45'-TetraCB-(68)	2019/02/09					<0.00089	ng/g	NC	30
5968550	234'6-TetraCB-(64)	2019/02/09					0.0042, RDL=0.0098	ng/g	NC	30
5968550	234'-TriCB-(22)	2019/02/09					<0.0015 (1)	ng/g	NC (1)	30
5968550	23'4-TriCB-(25)	2019/02/09					<0.00064	ng/g	NC	30
5968550	23'55'-TetraCB-(72)	2019/02/09					<0.00088	ng/g	NC	30
5968550	23'5'6-TetraCB-(73)	2019/02/09					<0.0016	ng/g	NC	30
5968550	235-TriCB-(23)	2019/02/09	113	50 - 150	93	50 - 150	<0.00076	ng/g	NC	30
5968550	23'5'-TriCB-(34)	2019/02/09	97	50 - 150	81	50 - 150	<0.00066	ng/g	NC	30
5968550	236-TriCB-(24)	2019/02/09					<0.00061	ng/g	NC	30
5968550	23'6-TriCB-(27)	2019/02/09					<0.00052	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	24'5-TriCB-(31)	2019/02/09					0.00570, RDL=0.0098	ng/g	NC (1)	30
5968550	24'6-TriCB-(32)	2019/02/09					<0.00050	ng/g	NC	30
5968550	2-MonoCB-(1)	2019/02/09	96	50 - 150	96	50 - 150	<0.00017	ng/g	NC	30
5968550	3,3'-DiCB-(11)	2019/02/09					0.00410, RDL=0.0098	ng/g	NC	30
5968550	3,5-DiCB-(14)	2019/02/09					<0.00034	ng/g	NC	30
5968550	33'44'55'-HexaCB-(169)	2019/02/09	108	50 - 150	103	50 - 150	<0.0027	ng/g	NC	30
5968550	33'44'5-PentaCB-(126)	2019/02/09	112	50 - 150	111	50 - 150	<0.00090	ng/g	NC	30
5968550	33'44'-TetraCB-(77)	2019/02/09	104	50 - 150	104	50 - 150	0.0014, RDL=0.0098	ng/g	NC	30
5968550	33'455'-PentaCB-(127)	2019/02/09					<0.00071	ng/g	NC	30
5968550	33'45-TetraCB-(78)	2019/02/09					<0.00092	ng/g	NC	30
5968550	33'45'-TetraCB(79)	2019/02/09					<0.00078	ng/g	NC	30
5968550	33'4-TriCB-(35)	2019/02/09					<0.00069	ng/g	NC	30
5968550	33'55'-TetraCB-(80)	2019/02/09					<0.00082	ng/g	NC	30
5968550	33'5-TriCB-(36)	2019/02/09					<0.00060	ng/g	NC	30
5968550	344'5-TetraCB-(81)	2019/02/09	107	50 - 150	107	50 - 150	<0.0014	ng/g	NC	30
5968550	344'-TriCB-(37)	2019/02/09	106	50 - 150	104	50 - 150	0.0017, RDL=0.0098	ng/g	NC	30
5968550	345-TriCB-(38)	2019/02/09					<0.00067	ng/g	NC	30
5968550	34'5-TriCB-(39)	2019/02/09					<0.00068	ng/g	NC	30
5968550	3-MonoCB-(2)	2019/02/09					<0.00016	ng/g	NC	30
5968550	4,4'-DiCB-(15)	2019/02/09	110	50 - 150	104	50 - 150	<0.00066	ng/g	NC	30
5968550	4-MonoCB-(3)	2019/02/09	98	50 - 150	94	50 - 150	<0.00056 (1)	ng/g	NC	30
5968550	DecaCB-(209)	2019/02/09	105	50 - 150	94	50 - 150	<0.014	ng/g	NC	30
5968550	DiCB-(12)+(13)	2019/02/09					<0.00036	ng/g	NC	30
5968550	HeptaCB-(171)+(173)	2019/02/09					<0.0049	ng/g	NC	30
5968550	HeptaCB-(180)+(193)	2019/02/09	84	50 - 150	100	50 - 150	0.0199, RDL=0.020	ng/g	NC (2)	30
5968550	HexaCB-(128)+(166)	2019/02/09	79	N/A	83	N/A	0.0102, RDL=0.020	ng/g	NC	30
5968550	HexaCB-(129)+(138)+(163)	2019/02/09					0.0726, RDL=0.029	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	HexaCB-(134)+(143)	2019/02/09					<0.0050	ng/g	NC	30
5968550	HexaCB-(135)+(151)	2019/02/09					0.0169, RDL=0.020	ng/g	NC	30
5968550	HexaCB-(139)+(140)	2019/02/09					<0.0043	ng/g	NC	30
5968550	HexaCB-(147)+(149)	2019/02/09					0.0449, RDL=0.020	ng/g	NC	30
5968550	HexaCB-(153)+(168)	2019/02/09					0.0678, RDL=0.0098	ng/g	NC	30
5968550	HexaCB-(156)+(157)	2019/02/09	104	50 - 150	105	50 - 150	<0.0054 (1)	ng/g	NC	30
5968550	OctaCB-(198)+(199)	2019/02/09					<0.0076	ng/g	NC	30
5968550	PentaCB-(108)+(124)	2019/02/09					0.00126, RDL=0.020	ng/g	NC	30
5968550	PentaCB-(110)+(115)	2019/02/09					0.0274, RDL=0.020	ng/g	NC	30
5968550	PentaCB-(83)+(99)	2019/02/09					0.0346, RDL=0.020	ng/g	NC	30
5968550	PentaCB-(85)+(116)+(117)	2019/02/09					0.0061, RDL=0.029	ng/g	NC	30
5968550	PentaCB-(86)(87)(97)(109)(119)(125)	2019/02/09					0.0147, RDL=0.059	ng/g	NC	30
5968550	PentaCB-(88)+(91)	2019/02/09					<0.0035	ng/g	NC	30
5968550	PentaCB-(90)+(101)+(113)	2019/02/09	103	N/A	127	N/A	0.0375, RDL=0.029	ng/g	NC	30
5968550	PentaCB-(93)+(98)+(100)+(102)	2019/02/09					<0.0035	ng/g	NC	30
5968550	TetraCB-(40)+(41)+(71)	2019/02/09					0.0029, RDL=0.029	ng/g	NC	30
5968550	TetraCB-(44)+(47)+(65)	2019/02/09					0.0094, RDL=0.029	ng/g	NC	30
5968550	TetraCB-(45)+(51)	2019/02/09					<0.0022	ng/g	NC	30
5968550	TetraCB-(49)+TetraCB-(69)	2019/02/09					0.0066, RDL=0.020	ng/g	NC	30
5968550	TetraCB-(50)+(53)	2019/02/09					<0.0021	ng/g	NC	30
5968550	TetraCB-(59)+(62)+(75)	2019/02/09					<0.0015	ng/g	NC	30
5968550	TetraCB-(61)+(70)+(74)+(76)	2019/02/09					0.0232, RDL=0.039	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968550	TriCB-(18)+(30)	2019/02/09					<0.0018 (1)	ng/g	NC	30
5968550	TriCB-(20) + (28)	2019/02/09					0.00909, RDL=0.020	ng/g	NC (1)	30
5968550	TriCB-(21)+(33)	2019/02/09					<0.00070	ng/g	NC	30
5968550	TriCB-(26)+(29)	2019/02/09					<0.00068	ng/g	NC	30
5968887	2,3-DiCB-(5)	2019/02/11					<0.00013	ng/g	NC	30
5968887	2,3'-DiCB-(6)	2019/02/11					0.00022, RDL=0.0096	ng/g	NC	30
5968887	2,4-DiCB-(7)	2019/02/11					<0.00014	ng/g	NC	30
5968887	2,4'-DiCB-(8)	2019/02/11					0.00109, RDL=0.0096	ng/g	NC	30
5968887	2,5-DiCB-(9)	2019/02/11					<0.00012	ng/g	NC	30
5968887	2,6-DiCB-(10)	2019/02/11					<0.00012	ng/g	NC	30
5968887	22'33'44'55'6-NonaCB-(206)	2019/02/11	102	50 - 150	100	50 - 150	0.00320, RDL=0.0096	ng/g	NC	30
5968887	22'33'44'55'-OctaCB-(194)	2019/02/11					<0.0040 (1)	ng/g	NC	30
5968887	22'33'44'566'-NonaCB-(207)	2019/02/11					<0.00046 (1)	ng/g	NC	30
5968887	22'33'44'56-OctaCB-(195)	2019/02/11					<0.0014 (1)	ng/g	NC	30
5968887	22'33'44'56'-OctaCB-(196)	2019/02/11					0.00410, RDL=0.0096	ng/g	NC	30
5968887	22'33'44'5-HeptaCB-(170)	2019/02/11	93	50 - 150	102	50 - 150	0.00683, RDL=0.0096	ng/g	NC	30
5968887	22'33'44'66'OctaCB-(197)	2019/02/11					<0.0010 (1)	ng/g	NC	30
5968887	22'33'455'66'-NonaCB-(208)	2019/02/11	103	50 - 150	101	50 - 150	0.00182, RDL=0.0096	ng/g	NC	30
5968887	22'33'455'-HeptaCB-(172)	2019/02/11					0.00286, RDL=0.0096	ng/g	NC	30
5968887	22'33'4566'-OctaCB-(200)	2019/02/11					0.00093, RDL=0.0096	ng/g	NC	30
5968887	22'33'45'66'-OctaCB-(201)	2019/02/11					0.00281, RDL=0.0096	ng/g	NC	30
5968887	22'33'456'-HeptaCB-(174)	2019/02/11					0.0113, RDL=0.0096	ng/g	NC (1)	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	22'33'45'6-HeptaCB-(175)	2019/02/11					0.00087, RDL=0.0096	ng/g	NC	30
5968887	22'33'45'6'-HeptaCB-(177)	2019/02/11					0.0129, RDL=0.0096	ng/g	NC	30
5968887	22'33'45'-HexaCB-(130)	2019/02/11					0.00487, RDL=0.0096	ng/g	NC	30
5968887	22'33'466'-HeptaCB-(176)	2019/02/11					0.00257, RDL=0.0096	ng/g	NC	30
5968887	22'33'46-HexaCB-(131)	2019/02/11					<0.00041	ng/g	NC	30
5968887	22'33'46'-HexaCB-(132)	2019/02/11					0.0111, RDL=0.0096	ng/g	NC	30
5968887	22'33'4-PentaCB-(82)	2019/02/11					<0.00073 (1)	ng/g	NC	30
5968887	22'33'55'66'-OctaCB-(202)	2019/02/11	101	50 - 150	102	50 - 150	0.00475, RDL=0.0096	ng/g	NC	30
5968887	22'33'55'6-HeptaCB-(178)	2019/02/11					0.0105, RDL=0.0096	ng/g	NC	30
5968887	22'33'55'-HexaCB-(133)	2019/02/11					0.00324, RDL=0.0096	ng/g	NC	30
5968887	22'33'566'-HeptaCB-(179)	2019/02/11					0.0100, RDL=0.0096	ng/g	NC	30
5968887	22'33'66'-HexaCB-(136)	2019/02/11					0.00482, RDL=0.0096	ng/g	NC (1)	30
5968887	22'33'6-PentaCB-(84)	2019/02/11					0.00248, RDL=0.0096	ng/g	NC	30
5968887	22'344'55'6-OctaCB-(203)	2019/02/11					0.00574, RDL=0.0096	ng/g	NC	30
5968887	22'344'566'-OctaCB-(204)	2019/02/11					<0.00036	ng/g	NC	30
5968887	22'344'56-HeptaCB-(181)	2019/02/11					<0.00028	ng/g	NC	30
5968887	22'344'56'-HeptaCB-(182)	2019/02/11	118	50 - 150	104	50 - 150	<0.00032	ng/g	NC	30
5968887	22'344'5'6-HeptaCB-(183)	2019/02/11					0.00443, RDL=0.0096	ng/g	NC	30
5968887	22'344'5-HexaCB-(137)	2019/02/11					<0.0026 (1)	ng/g	NC	30
5968887	22'344'66'-HeptaCB-(184)	2019/02/11					<0.00024	ng/g	NC	30
5968887	22'3455'6-HeptaCB-(185)	2019/02/11					0.00485, RDL=0.0096	ng/g	NC	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	22'34'55'6-HeptaCB-(187)	2019/02/11	119	50 - 150	169 (3)	50 - 150	0.0572, RDL=0.0096	ng/g	NC	30
5968887	22'3455'-HexaCB-(141)	2019/02/11					0.00687, RDL=0.0096	ng/g	NC	30
5968887	22'34'55'-HexaCB-(146)	2019/02/11					0.0271, RDL=0.0096	ng/g	NC	30
5968887	22'34566'-HeptaCB-(186)	2019/02/11					<0.00027	ng/g	NC	30
5968887	22'34'566'-HeptaCB-(188)	2019/02/11	106	50 - 150	106	50 - 150	0.00036, RDL=0.0096	ng/g	NC	30
5968887	22'3456-HexaCB-(142)	2019/02/11					<0.00036	ng/g	NC	30
5968887	22'345'6-HexaCB-(144)	2019/02/11					0.00160, RDL=0.0096	ng/g	NC	30
5968887	22'34'56'-HexaCB-(148)	2019/02/11					<0.00052	ng/g	NC	30
5968887	22'3466'-HexaCB-(145)	2019/02/11					<0.00042	ng/g	NC	30
5968887	22'34'66'-HexaCB-(150)	2019/02/11					<0.00040	ng/g	NC	30
5968887	22'346'-PentaCB-(89)	2019/02/11					<0.00028	ng/g	NC	30
5968887	22'34'-TetraCB-(42)	2019/02/11					0.00171, RDL=0.0096	ng/g	NC	30
5968887	22'355'-PentaCB-(92)	2019/02/11					0.00946, RDL=0.0096	ng/g	NC	30
5968887	22'3566'-HexaCB-(152)	2019/02/11					<0.00039	ng/g	NC	30
5968887	22'356'-PentaCB-(94)	2019/02/11					<0.00030	ng/g	NC	30
5968887	22'35'6-PentaCB-(95)	2019/02/11					0.0171, RDL=0.0096	ng/g	NC	30
5968887	22'35-TetraCB-(43)	2019/02/11					<0.00041	ng/g	NC	30
5968887	22'366'-PentaCB-(96)	2019/02/11					<0.000086	ng/g	NC	30
5968887	22'36'-TetraCB-(46)	2019/02/11					<0.00038	ng/g	NC	30
5968887	22'3-TriCB-(16)	2019/02/11					<0.00024	ng/g	NC	30
5968887	22'44'56'-HexaCB-(154)	2019/02/11					0.00401, RDL=0.0096	ng/g	NC	30
5968887	22'44'66'-HexaCB-(155)	2019/02/11	99	50 - 150	100	50 - 150	<0.00023	ng/g	NC	30
5968887	22'45'6-PentaCB-(103)	2019/02/11					0.00069, RDL=0.0096	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	22'45-TetraCB-(48)	2019/02/11					0.00092, RDL=0.0096	ng/g	NC	30
5968887	22'466'-PentaCB-(104)	2019/02/11	102	50 - 150	102	50 - 150	<0.000046	ng/g	NC	30
5968887	22'4-TriCB-(17)	2019/02/11					0.00047, RDL=0.0096	ng/g	NC	30
5968887	22'55'-TetraCB-(52)	2019/02/11					0.0165, RDL=0.0096	ng/g	NC	30
5968887	22'66'-TetraCB-(54)	2019/02/11	99	50 - 150	98	50 - 150	<0.000087	ng/g	NC	30
5968887	22'6-TriCB-(19)	2019/02/11	103	50 - 150	105	50 - 150	<0.00018	ng/g	NC	30
5968887	22'-DiCB-(4)	2019/02/11	112	50 - 150	110	50 - 150	<0.00013	ng/g	NC	30
5968887	233'44'55'6-OctaCB-(205)	2019/02/11	93	50 - 150	95	50 - 150	<0.00033	ng/g	NC	30
5968887	233'44'55'-HeptaCB-(189)	2019/02/11	89	50 - 150	91	50 - 150	<0.00030	ng/g	NC	30
5968887	233'44'56-HeptaCB-(190)	2019/02/11					0.00252, RDL=0.0096	ng/g	NC	30
5968887	233'44'5'6-HeptaCB-(191)	2019/02/11					0.00051, RDL=0.0096	ng/g	NC	30
5968887	233'44'6-HexaCB-(158)	2019/02/11					0.00331, RDL=0.0096	ng/g	NC	30
5968887	233'44'-PentaCB-(105)	2019/02/11	98	50 - 150	109	50 - 150	0.0123, RDL=0.0096	ng/g	NC	30
5968887	233'455'6-HeptaCB-(192)	2019/02/11					<0.00023	ng/g	NC	30
5968887	233'455'-HexaCB-(159)	2019/02/11					0.00038, RDL=0.0096	ng/g	NC	30
5968887	233'4'55'-HexaCB-(162)	2019/02/11					<0.00036 (1)	ng/g	NC	30
5968887	233'456-HexaCB-(160)	2019/02/11					<0.00028	ng/g	NC	30
5968887	233'45'6-HexaCB-(161)	2019/02/11					<0.00025	ng/g	NC	30
5968887	233'4'5'6-HexaCB-(164)	2019/02/11					0.00404, RDL=0.0096	ng/g	NC (1)	30
5968887	233'45-PentaCB-(106)	2019/02/11					<0.00016	ng/g	NC	30
5968887	233'4'5-PentaCB-(107)	2019/02/11					0.00403, RDL=0.0096	ng/g	NC	30
5968887	233'4'5'-PentaCB-(122)	2019/02/11					<0.00016	ng/g	NC	30
5968887	233'4'-Tetra CB(56)	2019/02/11					<0.00097 (1)	ng/g	NC	30
5968887	233'4-TetraCB-(55)	2019/02/11					<0.00020	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	233'55'6-HexaCB-(165)	2019/02/11					<0.00025	ng/g	NC	30
5968887	233'55'-PentaCB-(111)	2019/02/11					<0.00019	ng/g	NC	30
5968887	233'56-PentaCB-(112)	2019/02/11					<0.00020	ng/g	NC	30
5968887	233'5-TetraCB-(57)	2019/02/11					<0.00018	ng/g	NC	30
5968887	233'5'-TetraCB-(58)	2019/02/11					<0.00019	ng/g	NC	30
5968887	23'44'55'-HexaCB-(167)	2019/02/11	92	50 - 150	90	50 - 150	0.00246, RDL=0.0096	ng/g	NC	30
5968887	2344'5-PentaCB-(114)	2019/02/11	101	50 - 150	100	50 - 150	0.00076, RDL=0.0096	ng/g	NC	30
5968887	23'44'5-PentaCB-(118)	2019/02/11	102	50 - 150	130	50 - 150	0.0344, RDL=0.0096	ng/g	NC	30
5968887	23'44'5'-PentaCB-(123)	2019/02/11	106	50 - 150	104	50 - 150	0.00065, RDL=0.0096	ng/g	NC	30
5968887	2344'-TetraCB -(60)	2019/02/11					0.00264, RDL=0.0096	ng/g	NC	30
5968887	23'44'-TetraCB-(66)	2019/02/11					0.0108, RDL=0.0096	ng/g	NC	30
5968887	23'455'-PentaCB-(120)	2019/02/11					<0.00018	ng/g	NC	30
5968887	23'45'6-PentaCB-(121)	2019/02/11					<0.00021	ng/g	NC	30
5968887	234'5-TetraCB-(63)	2019/02/11					<0.00068 (1)	ng/g	NC	30
5968887	23'45-TetraCB-(67)	2019/02/11					<0.00016	ng/g	NC	30
5968887	23'45'-TetraCB-(68)	2019/02/11					0.00032, RDL=0.0096	ng/g	NC	30
5968887	234'6-TetraCB-(64)	2019/02/11					0.00387, RDL=0.0096	ng/g	NC	30
5968887	234'-TriCB-(22)	2019/02/11					0.00083, RDL=0.0096	ng/g	NC	30
5968887	23'4-TriCB-(25)	2019/02/11					<0.00016	ng/g	NC	30
5968887	23'55'-TetraCB-(72)	2019/02/11					<0.00030 (1)	ng/g	NC	30
5968887	23'5'6-TetraCB-(73)	2019/02/11					<0.00023	ng/g	NC	30
5968887	235-TriCB-(23)	2019/02/11	107	50 - 150	111	50 - 150	<0.00017	ng/g	NC	30
5968887	23'5'-TriCB-(34)	2019/02/11	91	50 - 150	92	50 - 150	<0.00015	ng/g	NC	30
5968887	236-TriCB-(24)	2019/02/11					<0.00026 (1)	ng/g	NC	30
5968887	23'6-TriCB-(27)	2019/02/11					<0.00014	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	24'5-TriCB-(31)	2019/02/11					0.00386, RDL=0.0096	ng/g	NC	30
5968887	24'6-TriCB-(32)	2019/02/11					0.00057, RDL=0.0096	ng/g	NC	30
5968887	2-MonoCB-(1)	2019/02/11	99	50 - 150	101	50 - 150	0.00033, RDL=0.0096	ng/g	NC	30
5968887	3,3'-DiCB-(11)	2019/02/11					0.00408, RDL=0.0096	ng/g	NC	30
5968887	3,5-DiCB-(14)	2019/02/11					<0.00013	ng/g	NC	30
5968887	33'44'55'-HexaCB-(169)	2019/02/11	92	50 - 150	87	50 - 150	<0.00026	ng/g	NC	30
5968887	33'44'5-PentaCB-(126)	2019/02/11	98	50 - 150	99	50 - 150	<0.00015	ng/g	NC	30
5968887	33'44'-TetraCB-(77)	2019/02/11	95	50 - 150	97	50 - 150	0.00110, RDL=0.0096	ng/g	NC	30
5968887	33'455'-PentaCB-(127)	2019/02/11					<0.00014	ng/g	NC	30
5968887	33'45-TetraCB-(78)	2019/02/11					<0.00017	ng/g	NC	30
5968887	33'45'-TetraCB(79)	2019/02/11					<0.00015	ng/g	NC	30
5968887	33'4-TriCB-(35)	2019/02/11					<0.00016	ng/g	NC	30
5968887	33'55'-TetraCB-(80)	2019/02/11					<0.00016	ng/g	NC	30
5968887	33'5-TriCB-(36)	2019/02/11					<0.00013	ng/g	NC	30
5968887	344'5-TetraCB-(81)	2019/02/11	97	50 - 150	95	50 - 150	<0.00021	ng/g	NC	30
5968887	344'-TriCB-(37)	2019/02/11	90	50 - 150	92	50 - 150	0.00120, RDL=0.0096	ng/g	NC	30
5968887	345-TriCB-(38)	2019/02/11					<0.00015	ng/g	NC	30
5968887	34'5-TriCB-(39)	2019/02/11					<0.00015	ng/g	NC	30
5968887	3-MonoCB-(2)	2019/02/11					<0.00020	ng/g	NC	30
5968887	4,4'-DiCB-(15)	2019/02/11	93	50 - 150	95	50 - 150	0.00095, RDL=0.0096	ng/g	NC	30
5968887	4-MonoCB-(3)	2019/02/11	98	50 - 150	96	50 - 150	0.00050, RDL=0.0096	ng/g	NC (1)	30
5968887	DecaCB-(209)	2019/02/11	94	50 - 150	94	50 - 150	<0.0024 (1)	ng/g	NC	30
5968887	DiCB-(12)+(13)	2019/02/11					<0.00014	ng/g	NC	30
5968887	HeptaCB-(171)+(173)	2019/02/11					0.00460, RDL=0.019	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	HeptaCB-(180)+(193)	2019/02/11	93	50 - 150	117	50 - 150	0.0264, RDL=0.019	ng/g	NC	30
5968887	HexaCB-(128)+(166)	2019/02/11	101	N/A	108	N/A	0.0138, RDL=0.019	ng/g	NC	30
5968887	HexaCB-(129)+(138)+(163)	2019/02/11					0.0925, RDL=0.029	ng/g	NC	30
5968887	HexaCB-(134)+(143)	2019/02/11					0.00150, RDL=0.019	ng/g	NC	30
5968887	HexaCB-(135)+(151)	2019/02/11					0.0280, RDL=0.019	ng/g	NC	30
5968887	HexaCB-(139)+(140)	2019/02/11					<0.0011 (1)	ng/g	NC	30
5968887	HexaCB-(147)+(149)	2019/02/11					0.0702, RDL=0.019	ng/g	NC	30
5968887	HexaCB-(153)+(168)	2019/02/11					0.0948, RDL=0.0096	ng/g	5.7	30
5968887	HexaCB-(156)+(157)	2019/02/11	92	50 - 150	95	50 - 150	0.00506, RDL=0.019	ng/g	NC	30
5968887	OctaCB-(198)+(199)	2019/02/11					0.0113, RDL=0.019	ng/g	NC	30
5968887	PentaCB-(108)+(124)	2019/02/11					0.00125, RDL=0.019	ng/g	NC	30
5968887	PentaCB-(110)+(115)	2019/02/11					0.0296, RDL=0.019	ng/g	NC	30
5968887	PentaCB-(83)+(99)	2019/02/11					0.0435, RDL=0.019	ng/g	NC	30
5968887	PentaCB-(85)+(116)+(117)	2019/02/11					0.00724, RDL=0.029	ng/g	NC	30
5968887	PentaCB-(86)(87)(97)(109)(119)(125)	2019/02/11					0.0153, RDL=0.058	ng/g	NC	30
5968887	PentaCB-(88)+(91)	2019/02/11					0.00453, RDL=0.019	ng/g	NC (1)	30
5968887	PentaCB-(90)+(101)+(113)	2019/02/11	108	N/A	162	N/A	0.0515, RDL=0.029	ng/g	NC	30
5968887	PentaCB-(93)+(98)+(100)+(102)	2019/02/11					0.00146, RDL=0.039	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5968887	TetraCB-(40)+(41)+(71)	2019/02/11					0.00261, RDL=0.029	ng/g	NC	30
5968887	TetraCB-(44)+(47)+(65)	2019/02/11					0.0104, RDL=0.029	ng/g	NC	30
5968887	TetraCB-(45)+(51)	2019/02/11					<0.00032	ng/g	NC	30
5968887	TetraCB-(49)+TetraCB-(69)	2019/02/11					0.00524, RDL=0.019	ng/g	NC	30
5968887	TetraCB-(50)+(53)	2019/02/11					<0.00031	ng/g	NC	30
5968887	TetraCB-(59)+(62)+(75)	2019/02/11					0.00053, RDL=0.029	ng/g	NC	30
5968887	TetraCB-(61)+(70)+(74)+(76)	2019/02/11					0.0179, RDL=0.039	ng/g	NC	30
5968887	TriCB-(18)+(30)	2019/02/11					<0.0014 (1)	ng/g	NC (1)	30
5968887	TriCB-(20) + (28)	2019/02/11					0.00681, RDL=0.019	ng/g	NC	30
5968887	TriCB-(21)+(33)	2019/02/11					0.00048, RDL=0.019	ng/g	NC	30
5968887	TriCB-(26)+(29)	2019/02/11					<0.00033 (1)	ng/g	NC	30
5970054	2,3-DiCB-(5)	2019/02/25					<0.00033	ng/g		
5970054	2,3'-DiCB-(6)	2019/02/25					<0.00027	ng/g		
5970054	2,4-DiCB-(7)	2019/02/25					<0.00029	ng/g		
5970054	2,4'-DiCB-(8)	2019/02/25					0.00137, RDL=0.010	ng/g		
5970054	2,5-DiCB-(9)	2019/02/25					<0.00028	ng/g		
5970054	2,6-DiCB-(10)	2019/02/25					<0.00028	ng/g		
5970054	22'33'44'55'6-NonaCB-(206)	2019/02/25	113	50 - 150	113	50 - 150	0.00528, RDL=0.010	ng/g	4.5	30
5970054	22'33'44'55'-OctaCB-(194)	2019/02/25					0.0065, RDL=0.010	ng/g		
5970054	22'33'44'566'-NonaCB-(207)	2019/02/25					<0.00041	ng/g		
5970054	22'33'44'56-OctaCB-(195)	2019/02/25					<0.0023 (1)	ng/g		
5970054	22'33'44'56'-OctaCB-(196)	2019/02/25					0.0030, RDL=0.010	ng/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	22'33'44'5-HeptaCB-(170)	2019/02/25	100	50 - 150	111	50 - 150	0.00942, RDL=0.010	ng/g	0	30
5970054	22'33'44'66'OctaCB-(197)	2019/02/25					<0.00082	ng/g		
5970054	22'33'455'66'-NonaCB-(208)	2019/02/25	107	50 - 150	109	50 - 150	<0.0018 (1)	ng/g	1.9	30
5970054	22'33'455'-HeptaCB-(172)	2019/02/25					0.00249, RDL=0.010	ng/g		
5970054	22'33'4566'-OctaCB-(200)	2019/02/25					<0.00073 (1)	ng/g		
5970054	22'33'45'66'-OctaCB-(201)	2019/02/25					0.00206, RDL=0.010	ng/g		
5970054	22'33'456'-HeptaCB-(174)	2019/02/25					0.00782, RDL=0.010	ng/g		
5970054	22'33'45'6-HeptaCB-(175)	2019/02/25					<0.00053	ng/g		
5970054	22'33'45'6'-HeptaCB-(177)	2019/02/25					0.0121, RDL=0.010	ng/g		
5970054	22'33'45'-HexaCB-(130)	2019/02/25					0.0047, RDL=0.010	ng/g		
5970054	22'33'466'-HeptaCB-(176)	2019/02/25					0.00177, RDL=0.010	ng/g		
5970054	22'33'46-HexaCB-(131)	2019/02/25					<0.0010	ng/g		
5970054	22'33'46'-HexaCB-(132)	2019/02/25					0.00831, RDL=0.010	ng/g		
5970054	22'33'4-PentaCB-(82)	2019/02/25					0.00080, RDL=0.010	ng/g		
5970054	22'33'55'66'-OctaCB-(202)	2019/02/25	107	50 - 150	114	50 - 150	0.00550, RDL=0.010	ng/g	1.8	30
5970054	22'33'55'6-HeptaCB-(178)	2019/02/25					0.00764, RDL=0.010	ng/g		
5970054	22'33'55'-HexaCB-(133)	2019/02/25					<0.0022 (1)	ng/g		
5970054	22'33'566'-HeptaCB-(179)	2019/02/25					0.00745, RDL=0.010	ng/g		
5970054	22'33'66'-HexaCB-(136)	2019/02/25					<0.0024 (1)	ng/g		
5970054	22'33'6-PentaCB-(84)	2019/02/25					0.00177, RDL=0.010	ng/g		
5970054	22'344'55'6-OctaCB-(203)	2019/02/25					0.0064, RDL=0.010	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	22'344'566'-OctaCB-(204)	2019/02/25					<0.00084	ng/g		
5970054	22'344'56-HeptaCB-(181)	2019/02/25					<0.00074	ng/g		
5970054	22'344'56'-HeptaCB-(182)	2019/02/25					<0.00055	ng/g		
5970054	22'344'5'6-HeptaCB-(183)	2019/02/25					0.00401, RDL=0.010	ng/g		
5970054	22'344'5-HexaCB-(137)	2019/02/25					0.0017, RDL=0.010	ng/g		
5970054	22'344'66'-HeptaCB-(184)	2019/02/25					<0.00036	ng/g		
5970054	22'3455'6-HeptaCB-(185)	2019/02/25					0.00490, RDL=0.010	ng/g		
5970054	22'34'55'6-HeptaCB-(187)	2019/02/25					0.0416, RDL=0.010	ng/g		
5970054	22'3455'-HexaCB-(141)	2019/02/25					0.00590, RDL=0.010	ng/g		
5970054	22'34'55'-HexaCB-(146)	2019/02/25					0.0200, RDL=0.010	ng/g		
5970054	22'34566'-HeptaCB-(186)	2019/02/25					<0.00041	ng/g		
5970054	22'34'566'-HeptaCB-(188)	2019/02/25	104	50 - 150	102	50 - 150	<0.00047	ng/g	3.8	30
5970054	22'3456-HexaCB-(142)	2019/02/25					<0.00093	ng/g		
5970054	22'345'6-HexaCB-(144)	2019/02/25					0.00144, RDL=0.010	ng/g		
5970054	22'34'56'-HexaCB-(148)	2019/02/25					<0.00087	ng/g		
5970054	22'3466'-HexaCB-(145)	2019/02/25					<0.00067	ng/g		
5970054	22'34'66'-HexaCB-(150)	2019/02/25					<0.00063	ng/g		
5970054	22'346'-PentaCB-(89)	2019/02/25					<0.00069	ng/g		
5970054	22'34'-TetraCB-(42)	2019/02/25					0.00158, RDL=0.010	ng/g		
5970054	22'355'-PentaCB-(92)	2019/02/25					0.00683, RDL=0.010	ng/g		
5970054	22'3566'-HexaCB-(152)	2019/02/25					<0.00064	ng/g		
5970054	22'356'-PentaCB-(94)	2019/02/25					<0.00072	ng/g		
5970054	22'35'6-PentaCB-(95)	2019/02/25					0.0125, RDL=0.010	ng/g		
5970054	22'35-TetraCB-(43)	2019/02/25					<0.00070	ng/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	22'366'-PentaCB-(96)	2019/02/25					<0.00023	ng/g		
5970054	22'36'-TetraCB-(46)	2019/02/25					<0.00070	ng/g		
5970054	22'3-TriCB-(16)	2019/02/25					<0.0011	ng/g		
5970054	22'44'56'-HexaCB-(154)	2019/02/25					0.00167, RDL=0.010	ng/g		
5970054	22'44'66'-HexaCB-(155)	2019/02/25	102	50 - 150	107	50 - 150	<0.00064	ng/g	0.94	30
5970054	22'45'6-PentaCB-(103)	2019/02/25					<0.00057	ng/g		
5970054	22'45-TetraCB-(48)	2019/02/25					0.00119, RDL=0.010	ng/g		
5970054	22'466'-PentaCB-(104)	2019/02/25	100	50 - 150	105	50 - 150	<0.00018	ng/g	2.9	30
5970054	22'4-TriCB-(17)	2019/02/25					<0.00075	ng/g		
5970054	22'55'-TetraCB-(52)	2019/02/25					0.0151, RDL=0.010	ng/g		
5970054	22'66'-TetraCB-(54)	2019/02/25	99	50 - 150	101	50 - 150	<0.00013	ng/g	4.0	30
5970054	22'6-TriCB-(19)	2019/02/25	102	50 - 150	104	50 - 150	<0.00055	ng/g	2.8	30
5970054	22'-DiCB-(4)	2019/02/25	101	50 - 150	104	50 - 150	<0.00025	ng/g	1.9	30
5970054	233'44'55'6-OctaCB-(205)	2019/02/25	102	50 - 150	109	50 - 150	<0.0011	ng/g	7.6	30
5970054	233'44'55'-HeptaCB-(189)	2019/02/25	103	50 - 150	105	50 - 150	0.00081, RDL=0.010	ng/g	1.9	30
5970054	233'44'56-HeptaCB-(190)	2019/02/25					0.00280, RDL=0.010	ng/g		
5970054	233'44'5'6-HeptaCB-(191)	2019/02/25					<0.00064	ng/g		
5970054	233'44'6-HexaCB-(158)	2019/02/25					0.00335, RDL=0.010	ng/g		
5970054	233'44'-PentaCB-(105)	2019/02/25	104	50 - 150	116	50 - 150	0.0148, RDL=0.010	ng/g	1.7	30
5970054	233'455'6-HeptaCB-(192)	2019/02/25					<0.00070	ng/g		
5970054	233'455'-HexaCB-(159)	2019/02/25					<0.00060	ng/g		
5970054	233'4'55'-HexaCB-(162)	2019/02/25					<0.00062	ng/g		
5970054	233'456-HexaCB-(160)	2019/02/25					<0.00077	ng/g		
5970054	233'45'6-HexaCB-(161)	2019/02/25					<0.00065	ng/g		
5970054	233'4'5'6-HexaCB-(164)	2019/02/25					0.00383, RDL=0.010	ng/g		
5970054	233'45-PentaCB-(106)	2019/02/25					<0.00052	ng/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	233'4'5-PentaCB-(107)	2019/02/25					0.00392, RDL=0.010	ng/g		
5970054	233'4'5'-PentaCB-(122)	2019/02/25					<0.00056	ng/g		
5970054	233'4'-Tetra CB(56)	2019/02/25					0.00130, RDL=0.010	ng/g		
5970054	233'4-TetraCB-(55)	2019/02/25					<0.00047	ng/g		
5970054	233'55'6-HexaCB-(165)	2019/02/25					<0.00070	ng/g		
5970054	233'55'-PentaCB-(111)	2019/02/25					<0.00052	ng/g		
5970054	233'56-PentaCB-(112)	2019/02/25					<0.00051	ng/g		
5970054	233'5-TetraCB-(57)	2019/02/25					<0.00042	ng/g		
5970054	233'5'-TetraCB-(58)	2019/02/25					<0.00043	ng/g		
5970054	23'44'55'-HexaCB-(167)	2019/02/25	107	50 - 150	112	50 - 150	0.00329, RDL=0.010	ng/g	6.5	30
5970054	2344'5-PentaCB-(114)	2019/02/25	103	50 - 150	102	50 - 150	0.00111, RDL=0.010	ng/g	3.8	30
5970054	23'44'5-PentaCB-(118)	2019/02/25	123	50 - 150	149	50 - 150	0.0430, RDL=0.010	ng/g	1.3	30
5970054	23'44'5'-PentaCB-(123)	2019/02/25	109	50 - 150	112	50 - 150	0.00095, RDL=0.010	ng/g	0	30
5970054	2344'-TetraCB -(60)	2019/02/25					0.00329, RDL=0.010	ng/g		
5970054	23'44'-TetraCB-(66)	2019/02/25					0.0145, RDL=0.010	ng/g		
5970054	23'455'-PentaCB-(120)	2019/02/25					<0.00049	ng/g		
5970054	23'45'6-PentaCB-(121)	2019/02/25					<0.00050	ng/g		
5970054	234'5-TetraCB-(63)	2019/02/25					<0.00080 (1)	ng/g		
5970054	23'45-TetraCB-(67)	2019/02/25					<0.00040	ng/g		
5970054	23'45'-TetraCB-(68)	2019/02/25					<0.00038	ng/g		
5970054	234'6-TetraCB-(64)	2019/02/25					0.00416, RDL=0.010	ng/g		
5970054	234'-TriCB-(22)	2019/02/25					<0.0015 (1)	ng/g		
5970054	23'4-TriCB-(25)	2019/02/25					<0.00028	ng/g		
5970054	23'55'-TetraCB-(72)	2019/02/25					<0.00037	ng/g		
5970054	23'5'6-TetraCB-(73)	2019/02/25					<0.00050	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	235-TriCB-(23)	2019/02/25					<0.00029	ng/g		
5970054	23'5'-TriCB-(34)	2019/02/25					<0.00029	ng/g		
5970054	236-TriCB-(24)	2019/02/25					<0.00052	ng/g		
5970054	23'6-TriCB-(27)	2019/02/25					<0.00056	ng/g		
5970054	24'5-TriCB-(31)	2019/02/25					0.00654, RDL=0.010	ng/g		
5970054	24'6-TriCB-(32)	2019/02/25					<0.00050	ng/g		
5970054	2-MonoCB-(1)	2019/02/25	104	50 - 150	103	50 - 150	<0.00021	ng/g	2.9	30
5970054	3,3'-DiCB-(11)	2019/02/25					0.00346, RDL=0.010	ng/g		
5970054	3,5-DiCB-(14)	2019/02/25					<0.00027	ng/g		
5970054	33'44'55'-HexaCB-(169)	2019/02/25	99	50 - 150	105	50 - 150	<0.00071	ng/g	1.9	30
5970054	33'44'5-PentaCB-(126)	2019/02/25	102	50 - 150	101	50 - 150	<0.00053	ng/g	2.0	30
5970054	33'44'-TetraCB-(77)	2019/02/25	100	50 - 150	98	50 - 150	0.00134, RDL=0.010	ng/g	2.0	30
5970054	33'455'-PentaCB-(127)	2019/02/25					<0.00055	ng/g		
5970054	33'45-TetraCB-(78)	2019/02/25					<0.00048	ng/g		
5970054	33'45'-TetraCB(79)	2019/02/25					<0.00040	ng/g		
5970054	33'4-TriCB-(35)	2019/02/25					<0.00029	ng/g		
5970054	33'55'-TetraCB-(80)	2019/02/25					<0.00038	ng/g		
5970054	33'5-TriCB-(36)	2019/02/25					<0.00026	ng/g		
5970054	344'5-TetraCB-(81)	2019/02/25	106	50 - 150	102	50 - 150	<0.00053	ng/g	0.99	30
5970054	344'-TriCB-(37)	2019/02/25	101	50 - 150	103	50 - 150	0.00204, RDL=0.010	ng/g	0.97	30
5970054	345-TriCB-(38)	2019/02/25					<0.00032	ng/g		
5970054	34'5-TriCB-(39)	2019/02/25					<0.00029	ng/g		
5970054	3-MonoCB-(2)	2019/02/25					<0.00022	ng/g		
5970054	4,4'-DiCB-(15)	2019/02/25	103	50 - 150	105	50 - 150	<0.0013 (1)	ng/g	1.9	30
5970054	4-MonoCB-(3)	2019/02/25	106	50 - 150	103	50 - 150	<0.00037 (1)	ng/g	4.7	30
5970054	DecaCB-(209)	2019/02/25	87	50 - 150	104	50 - 150	0.0037, RDL=0.010	ng/g	1.9	30
5970054	DiCB-(12)+(13)	2019/02/25					<0.00029	ng/g		

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	HeptaCB-(171)+(173)	2019/02/25					0.00471, RDL=0.020	ng/g		
5970054	HeptaCB-(180)+(193)	2019/02/25	95	50 - 150	115	50 - 150	0.0290, RDL=0.020	ng/g	4.3	30
5970054	HexaCB-(128)+(166)	2019/02/25	87	N/A	102	N/A	0.0134, RDL=0.020	ng/g	6.1	30
5970054	HexaCB-(129)+(138)+(163)	2019/02/25					0.0814, RDL=0.030	ng/g		
5970054	HexaCB-(134)+(143)	2019/02/25					0.00199, RDL=0.020	ng/g		
5970054	HexaCB-(135)+(151)	2019/02/25					0.0179, RDL=0.020	ng/g		
5970054	HexaCB-(139)+(140)	2019/02/25					0.00092, RDL=0.020	ng/g		
5970054	HexaCB-(147)+(149)	2019/02/25					0.0566, RDL=0.020	ng/g		
5970054	HexaCB-(153)+(168)	2019/02/25					0.0870, RDL=0.010	ng/g		
5970054	HexaCB-(156)+(157)	2019/02/25	102	50 - 150	108	50 - 150	0.00665, RDL=0.020	ng/g	0	30
5970054	OctaCB-(198)+(199)	2019/02/25					0.0099, RDL=0.020	ng/g		
5970054	PentaCB-(108)+(124)	2019/02/25					<0.0012 (1)	ng/g		
5970054	PentaCB-(110)+(115)	2019/02/25					0.0295, RDL=0.020	ng/g		
5970054	PentaCB-(83)+(99)	2019/02/25					0.0346, RDL=0.020	ng/g		
5970054	PentaCB-(85)+(116)+(117)	2019/02/25					0.00702, RDL=0.030	ng/g		
5970054	PentaCB-(86)(87)(97)(109)(119)(125)	2019/02/25					0.0139, RDL=0.060	ng/g		
5970054	PentaCB-(88)+(91)	2019/02/25					0.00290, RDL=0.020	ng/g		
5970054	PentaCB-(90)+(101)+(113)	2019/02/25					0.0436, RDL=0.030	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5970054	PentaCB-(93)+(98)+(100)+(102)	2019/02/25					<0.00066	ng/g		
5970054	TetraCB-(40)+(41)+(71)	2019/02/25					<0.0019 (1)	ng/g		
5970054	TetraCB-(44)+(47)+(65)	2019/02/25					0.00972, RDL=0.030	ng/g		
5970054	TetraCB-(45)+(51)	2019/02/25					<0.00060	ng/g		
5970054	TetraCB-(49)+TetraCB-(69)	2019/02/25					0.00565, RDL=0.020	ng/g		
5970054	TetraCB-(50)+(53)	2019/02/25					<0.00057	ng/g		
5970054	TetraCB-(59)+(62)+(75)	2019/02/25					<0.00046	ng/g		
5970054	TetraCB-(61)+(70)+(74)+(76)	2019/02/25					0.0244, RDL=0.040	ng/g		
5970054	TriCB-(18)+(30)	2019/02/25					0.00175, RDL=0.020	ng/g		
5970054	TriCB-(20) + (28)	2019/02/25					0.0112, RDL=0.020	ng/g		
5970054	TriCB-(21)+(33)	2019/02/25					<0.00072 (1)	ng/g		
5970054	TriCB-(26)+(29)	2019/02/25					<0.00045 (2)	ng/g		
5971767	1,2,3,4,6,7,8-Hepta CDD	2019/02/13	103	70 - 140	103	70 - 140	0.182, EDL=0.0999	pg/g		
5971767	1,2,3,4,6,7,8-Hepta CDF	2019/02/13	105	82 - 122	107	82 - 122	0.163, EDL=0.148	pg/g		
5971767	1,2,3,4,7,8,9-Hepta CDF	2019/02/13	103	78 - 138	107	78 - 138	<0.144, EDL=0.144	pg/g		
5971767	1,2,3,4,7,8-Hexa CDD	2019/02/13	90	70 - 164	89	70 - 164	<0.118, EDL=0.118	pg/g		
5971767	1,2,3,4,7,8-Hexa CDF	2019/02/13	104	72 - 134	99	72 - 134	<0.127, EDL=0.127	pg/g		
5971767	1,2,3,6,7,8-Hexa CDD	2019/02/13	101	76 - 134	103	76 - 134	<0.119, EDL=0.119	pg/g		
5971767	1,2,3,6,7,8-Hexa CDF	2019/02/13	105	84 - 130	101	84 - 130	<0.135, EDL=0.135	pg/g		
5971767	1,2,3,7,8,9-Hexa CDD	2019/02/13	97	64 - 162	94	64 - 162	<0.118, EDL=0.118	pg/g		
5971767	1,2,3,7,8,9-Hexa CDF	2019/02/13	105	78 - 130	103	78 - 130	0.208, EDL=0.134	pg/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5971767	1,2,3,7,8-Penta CDD	2019/02/13	102	25 - 181	102	25 - 181	<0.0897, EDL=0.0897	pg/g		
5971767	1,2,3,7,8-Penta CDF	2019/02/13	116	80 - 134	109	80 - 134	<0.123, EDL=0.123	pg/g		
5971767	2,3,4,6,7,8-Hexa CDF	2019/02/13	105	70 - 156	105	70 - 156	<0.126, EDL=0.126 (1)	pg/g		
5971767	2,3,4,7,8-Penta CDF	2019/02/13	104	68 - 160	104	68 - 160	<0.109, EDL=0.109	pg/g		
5971767	2,3,7,8-Tetra CDD	2019/02/13	92	67 - 158	100	67 - 158	<0.0919, EDL=0.0919	pg/g		
5971767	2,3,7,8-Tetra CDF	2019/02/13	88	75 - 158	104	75 - 158	<0.0847, EDL=0.0847	pg/g		
5971767	Octa CDD	2019/02/13	107	78 - 144	107	78 - 144	<0.413, EDL=0.413 (1)	pg/g		
5971767	Octa CDF	2019/02/13	103	63 - 170	106	63 - 170	<0.262, EDL=0.262 (1)	pg/g		
5971767	Total Hepta CDD	2019/02/13					0.182, EDL=0.0999	pg/g		
5971767	Total Hepta CDF	2019/02/13					0.163, EDL=0.146	pg/g		
5971767	Total Hexa CDD	2019/02/13					<0.119, EDL=0.119	pg/g		
5971767	Total Hexa CDF	2019/02/13					0.208, EDL=0.130	pg/g		
5971767	Total Penta CDD	2019/02/13					<0.0897, EDL=0.0897	pg/g		
5971767	Total Penta CDF	2019/02/13					<0.116, EDL=0.116	pg/g		
5971767	Total Tetra CDD	2019/02/13					<0.0919, EDL=0.0919	pg/g		
5971767	Total Tetra CDF	2019/02/13					<0.0847, EDL=0.0847	pg/g		
5975799	1,2,3,4,6,7,8-Hepta CDD	2019/02/15			111	70 - 140	<0.151, EDL=0.151	pg/g	NC	25
5975799	1,2,3,4,6,7,8-Hepta CDF	2019/02/15			117	82 - 122	<0.0960, EDL=0.0960	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5975799	1,2,3,4,7,8,9-Hepta CDF	2019/02/15			119	78 - 138	<0.0931, EDL=0.0931	pg/g	NC	25
5975799	1,2,3,4,7,8-Hexa CDD	2019/02/15			98	70 - 164	<0.0810, EDL=0.0810	pg/g	NC	25
5975799	1,2,3,4,7,8-Hexa CDF	2019/02/15			113	72 - 134	<0.111, EDL=0.111	pg/g	NC	25
5975799	1,2,3,6,7,8-Hexa CDD	2019/02/15			113	76 - 134	<0.0821, EDL=0.0821	pg/g	NC	25
5975799	1,2,3,6,7,8-Hexa CDF	2019/02/15			115	84 - 130	<0.118, EDL=0.118	pg/g	NC	25
5975799	1,2,3,7,8,9-Hexa CDD	2019/02/15			106	64 - 162	<0.0813, EDL=0.0813	pg/g	NC	25
5975799	1,2,3,7,8,9-Hexa CDF	2019/02/15			115	78 - 130	<0.117, EDL=0.117	pg/g	NC	25
5975799	1,2,3,7,8-Penta CDD	2019/02/15			118	25 - 181	<0.0892, EDL=0.0892	pg/g	NC	25
5975799	1,2,3,7,8-Penta CDF	2019/02/15			125	80 - 134	<0.122, EDL=0.122	pg/g	NC	25
5975799	2,3,4,6,7,8-Hexa CDF	2019/02/15			117	70 - 156	<0.109, EDL=0.109	pg/g	NC	25
5975799	2,3,4,7,8-Penta CDF	2019/02/15			116	68 - 160	<0.107, EDL=0.107	pg/g	NC	25
5975799	2,3,7,8-Tetra CDD	2019/02/15			103	67 - 158	<0.0847, EDL=0.0847	pg/g	NC	25
5975799	2,3,7,8-Tetra CDF	2019/02/15			98	75 - 158	<0.141, EDL=0.141	pg/g	NC	25
5975799	Octa CDD	2019/02/15			116	78 - 144	<0.164, EDL=0.164	pg/g	NC (1)	25
5975799	Octa CDF	2019/02/15			113	63 - 170	<0.169, EDL=0.169	pg/g	NC	25
5975799	Total Hepta CDD	2019/02/15					<0.151, EDL=0.151	pg/g	NC	25
5975799	Total Hepta CDF	2019/02/15					<0.0945, EDL=0.0945	pg/g	NC	25
5975799	Total Hexa CDD	2019/02/15					<0.0819, EDL=0.0819	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5975799	Total Hexa CDF	2019/02/15					<0.114, EDL=0.114	pg/g	NC	25
5975799	Total Penta CDD	2019/02/15					<0.0892, EDL=0.0892	pg/g	NC	25
5975799	Total Penta CDF	2019/02/15					<0.114, EDL=0.114	pg/g	NC	25
5975799	Total Tetra CDD	2019/02/15					<0.0847, EDL=0.0847	pg/g	NC	25
5975799	Total Tetra CDF	2019/02/15					<0.141, EDL=0.141	pg/g	NC	25
5976161	1,2,3,4,6,7,8-Hepta CDD	2019/02/20	135	70 - 140	104	70 - 140	<0.113, EDL=0.113	pg/g	NC	25
5976161	1,2,3,4,6,7,8-Hepta CDF	2019/02/20	129 (5)	82 - 122	103	82 - 122	<0.116, EDL=0.116	pg/g	NC	25
5976161	1,2,3,4,7,8,9-Hepta CDF	2019/02/20	138	78 - 138	108	78 - 138	<0.112, EDL=0.112	pg/g	NC	25
5976161	1,2,3,4,7,8-Hexa CDD	2019/02/20	131	70 - 164	107	70 - 164	<0.114, EDL=0.114	pg/g	NC	25
5976161	1,2,3,4,7,8-Hexa CDF	2019/02/20	132	72 - 134	106	72 - 134	<0.0988, EDL=0.0988	pg/g	NC	25
5976161	1,2,3,6,7,8-Hexa CDD	2019/02/20	134	76 - 134	108	76 - 134	<0.115, EDL=0.115	pg/g	NC	25
5976161	1,2,3,6,7,8-Hexa CDF	2019/02/20	133 (5)	84 - 130	111	84 - 130	<0.105, EDL=0.105	pg/g	NC	25
5976161	1,2,3,7,8,9-Hexa CDD	2019/02/20	134	64 - 162	107	64 - 162	<0.114, EDL=0.114	pg/g	NC	25
5976161	1,2,3,7,8,9-Hexa CDF	2019/02/20	137 (5)	78 - 130	114	78 - 130	<0.104, EDL=0.104	pg/g	NC	25
5976161	1,2,3,7,8-Penta CDD	2019/02/20	131	25 - 181	100	25 - 181	<0.104, EDL=0.104	pg/g	NC	25
5976161	1,2,3,7,8-Penta CDF	2019/02/20	142 (4)	80 - 134	118	80 - 134	<0.109, EDL=0.109	pg/g	NC	25
5976161	2,3,4,6,7,8-Hexa CDF	2019/02/20	134	70 - 156	108	70 - 156	<0.0968, EDL=0.0968	pg/g	NC	25
5976161	2,3,4,7,8-Penta CDF	2019/02/20	132	68 - 160	105	68 - 160	<0.0956, EDL=0.0956	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5976161	2,3,7,8-Tetra CDD	2019/02/20	133	67 - 158	106	67 - 158	<0.107, EDL=0.107	pg/g	NC	25
5976161	2,3,7,8-Tetra CDF	2019/02/20	134	75 - 158	106	75 - 158	<0.0997, EDL=0.0997	pg/g	NC	25
5976161	Octa CDD	2019/02/20	132	78 - 144	107	78 - 144	<0.102, EDL=0.102	pg/g	NC	25
5976161	Octa CDF	2019/02/20	134	63 - 170	107	63 - 170	<0.0950, EDL=0.0950	pg/g	NC	25
5976161	Total Hepta CDD	2019/02/20					<0.113, EDL=0.113	pg/g	NC	25
5976161	Total Hepta CDF	2019/02/20					<0.114, EDL=0.114	pg/g	NC	25
5976161	Total Hexa CDD	2019/02/20					<0.115, EDL=0.115	pg/g	NC	25
5976161	Total Hexa CDF	2019/02/20					<0.101, EDL=0.101	pg/g	NC	25
5976161	Total Penta CDD	2019/02/20					<0.104, EDL=0.104	pg/g	NC	25
5976161	Total Penta CDF	2019/02/20					<0.102, EDL=0.102	pg/g	NC	25
5976161	Total Tetra CDD	2019/02/20					<0.107, EDL=0.107	pg/g	NC	25
5976161	Total Tetra CDF	2019/02/20					<0.0997, EDL=0.0997	pg/g	NC	25
5979289	1,2,3,4,6,7,8-Hepta CDD	2019/02/20			128	70 - 140	0.119, EDL=0.0998	pg/g	NC (1)	25
5979289	1,2,3,4,6,7,8-Hepta CDF	2019/02/20			119	82 - 122	<0.110, EDL=0.110	pg/g	NC	25
5979289	1,2,3,4,7,8,9-Hepta CDF	2019/02/20			129	78 - 138	<0.106, EDL=0.106	pg/g	NC	25
5979289	1,2,3,4,7,8-Hexa CDD	2019/02/20			131	70 - 164	<0.101, EDL=0.101	pg/g	NC (1)	25
5979289	1,2,3,4,7,8-Hexa CDF	2019/02/20			127	72 - 134	<0.108, EDL=0.108	pg/g	NC	25
5979289	1,2,3,6,7,8-Hexa CDD	2019/02/20			134	76 - 134	<0.0989, EDL=0.0989	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5979289	1,2,3,6,7,8-Hexa CDF	2019/02/20			124	84 - 130	<0.108, EDL=0.108	pg/g	NC	25
5979289	1,2,3,7,8,9-Hexa CDD	2019/02/20			127	64 - 162	<0.101, EDL=0.101	pg/g	NC	25
5979289	1,2,3,7,8,9-Hexa CDF	2019/02/20			130	78 - 130	<0.109, EDL=0.109	pg/g	NC	25
5979289	1,2,3,7,8-Penta CDD	2019/02/20			122	25 - 181	<0.110, EDL=0.110	pg/g	NC	25
5979289	1,2,3,7,8-Penta CDF	2019/02/20			132	80 - 134	<0.120, EDL=0.120	pg/g	NC	25
5979289	2,3,4,6,7,8-Hexa CDF	2019/02/20			130	70 - 156	<0.101, EDL=0.101	pg/g	NC	25
5979289	2,3,4,7,8-Penta CDF	2019/02/20			116	68 - 160	<0.113, EDL=0.113	pg/g	NC	25
5979289	2,3,7,8-Tetra CDD	2019/02/20			117	67 - 158	<0.0992, EDL=0.0992	pg/g	NC	25
5979289	2,3,7,8-Tetra CDF	2019/02/20			129	75 - 158	<0.107, EDL=0.107	pg/g	NC	25
5979289	Octa CDD	2019/02/20			125	78 - 144	<0.203, EDL=0.203 (1)	pg/g	NC	25
5979289	Octa CDF	2019/02/20			121	63 - 170	<0.108, EDL=0.108	pg/g	NC	25
5979289	Total Hepta CDD	2019/02/20					0.119, EDL=0.0998	pg/g	NC (1)	25
5979289	Total Hepta CDF	2019/02/20					<0.108, EDL=0.108	pg/g	NC	25
5979289	Total Hexa CDD	2019/02/20					<0.368, EDL=0.368 (1)	pg/g	NC	25
5979289	Total Hexa CDF	2019/02/20					<0.106, EDL=0.106	pg/g	NC	25
5979289	Total Penta CDD	2019/02/20					<0.147, EDL=0.147 (1)	pg/g	NC (1)	25
5979289	Total Penta CDF	2019/02/20					<0.116, EDL=0.116	pg/g	NC	25
5979289	Total Tetra CDD	2019/02/20					<0.341, EDL=0.341 (1)	pg/g	NC (1)	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5979289	Total Tetra CDF	2019/02/20					<0.107, EDL=0.107	pg/g	NC	25
5982955	Acenaphthene	2019/02/22	88	50 - 150	88	60 - 140	<0.056	ng/g	NC	50
5982955	Acenaphthylene	2019/02/22	113	50 - 150	108	60 - 140	<0.030	ng/g	NC	50
5982955	Anthracene	2019/02/22	94	50 - 150	90	60 - 140	<0.053	ng/g	NC	50
5982955	Benzo(a)anthracene	2019/02/22	88	50 - 150	102	60 - 140	<0.037	ng/g	NC	50
5982955	Benzo(a)pyrene	2019/02/22	89	50 - 150	89	60 - 140	<0.042	ng/g	NC	50
5982955	Benzo(b/j)fluoranthene	2019/02/22	98	50 - 150	107	60 - 140	<0.028	ng/g	NC	50
5982955	Benzo(g,h,i)perylene	2019/02/22	90	50 - 150	143 (3)	60 - 140	<0.035	ng/g	NC	50
5982955	Benzo(k)fluoranthene	2019/02/22	103	50 - 150	108	60 - 140	<0.033	ng/g	NC	50
5982955	Chrysene	2019/02/22	99	50 - 150	107	60 - 140	<0.035	ng/g	NC	50
5982955	Dibenz(a,h)anthracene	2019/02/22	115	50 - 150	109	60 - 140	<0.055	ng/g	NC	50
5982955	Fluoranthene	2019/02/22	108	50 - 150	113	60 - 140	0.076, RDL=0.50	ng/g	NC	50
5982955	Fluorene	2019/02/22	80	50 - 150	92	60 - 140	0.070, RDL=0.50	ng/g	NC	50
5982955	Indeno(1,2,3-cd)pyrene	2019/02/22	101	50 - 150	120	60 - 140	<0.033	ng/g	NC	50
5982955	Naphthalene	2019/02/22	166 (3)	50 - 150	133	60 - 140	1.11, RDL=0.50	ng/g	NC	50
5982955	Phenanthrene	2019/02/22	95	50 - 150	110	60 - 140	0.151, RDL=0.50	ng/g	7.7	50
5982955	Pyrene	2019/02/22	105	50 - 150	116	60 - 140	0.071, RDL=0.50	ng/g	NC	50
5984276	Acenaphthene	2019/02/21			150 (3)	60 - 140	<0.068	ng/g		
5984276	Acenaphthylene	2019/02/21			179 (7)	60 - 140	<0.062	ng/g		
5984276	Anthracene	2019/02/21			114	60 - 140	0.077, RDL=0.50	ng/g		
5984276	Benzo(a)anthracene	2019/02/21			100	60 - 140	<0.038	ng/g		
5984276	Benzo(a)pyrene	2019/02/21			81	60 - 140	<0.078	ng/g		
5984276	Benzo(b/j)fluoranthene	2019/02/21			125	60 - 140	<0.058	ng/g		
5984276	Benzo(g,h,i)perylene	2019/02/21			102	60 - 140	<0.066	ng/g		
5984276	Benzo(k)fluoranthene	2019/02/21			110	60 - 140	<0.066	ng/g		
5984276	Chrysene	2019/02/21			111	60 - 140	<0.038	ng/g		
5984276	Dibenz(a,h)anthracene	2019/02/21			115	60 - 140	<0.055	ng/g		
5984276	Fluoranthene	2019/02/21			118	60 - 140	<0.066	ng/g		
5984276	Fluorene	2019/02/21			103	60 - 140	0.051, RDL=0.50	ng/g		
5984276	Indeno(1,2,3-cd)pyrene	2019/02/21			96	60 - 140	<0.054	ng/g		
5984276	Naphthalene	2019/02/21			488 (7)	60 - 140	1.27, RDL=0.50	ng/g		
5984276	Phenanthrene	2019/02/21			117	60 - 140	0.178, RDL=0.50	ng/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5984276	Pyrene	2019/02/21			139	60 - 140	<0.065	ng/g		
5985836	2,3-DiCB-(5)	2019/02/23					<0.0018	ng/g	NC	30
5985836	2,3'-DiCB-(6)	2019/02/23					<0.0017	ng/g	NC (1)	30
5985836	2,4-DiCB-(7)	2019/02/23					<0.0017	ng/g	NC	30
5985836	2,4'-DiCB-(8)	2019/02/23					<0.0016	ng/g	1.5	30
5985836	2,5-DiCB-(9)	2019/02/23					<0.0017	ng/g	NC (1)	30
5985836	2,6-DiCB-(10)	2019/02/23					<0.0031	ng/g	NC	30
5985836	22'33'44'55'6-NonaCB-(206)	2019/02/23	94	50 - 150	110	50 - 150	<0.0071	ng/g	4.9	30
5985836	22'33'44'55'-OctaCB-(194)	2019/02/23					<0.0051	ng/g	16	30
5985836	22'33'44'566'-NonaCB-(207)	2019/02/23					<0.0061	ng/g	20	30
5985836	22'33'44'56-OctaCB-(195)	2019/02/23					<0.0053	ng/g	NC	30
5985836	22'33'44'56'-OctaCB-(196)	2019/02/23					<0.011	ng/g	28	30
5985836	22'33'44'5-HeptaCB-(170)	2019/02/23	130	50 - 150	112	50 - 150	0.0096, RDL=0.0099	ng/g	9.9	30
5985836	22'33'44'66'OctaCB-(197)	2019/02/23					<0.0083	ng/g	6.5	30
5985836	22'33'455'66'-NonaCB-(208)	2019/02/23	131	50 - 150	114	50 - 150	<0.0070	ng/g	22	30
5985836	22'33'455'-HeptaCB-(172)	2019/02/23					<0.0080	ng/g	21	30
5985836	22'33'4566'-OctaCB-(200)	2019/02/23					<0.0069	ng/g	NC	30
5985836	22'33'45'66'-OctaCB-(201)	2019/02/23					<0.0073	ng/g	9.1	30
5985836	22'33'456'-HeptaCB-(174)	2019/02/23					<0.0071	ng/g	11	30
5985836	22'33'45'6-HeptaCB-(175)	2019/02/23					<0.021	ng/g	7.4	30
5985836	22'33'45'6'-HeptaCB-(177)	2019/02/23					<0.015 (1)	ng/g	3.8	30
5985836	22'33'45'-HexaCB-(130)	2019/02/23					<0.014	ng/g	8.5	30
5985836	22'33'466'-HeptaCB-(176)	2019/02/23					<0.015	ng/g	6.4	30
5985836	22'33'46-HexaCB-(131)	2019/02/23					<0.014	ng/g	8.3	30
5985836	22'33'46'-HexaCB-(132)	2019/02/23					<0.014	ng/g	5.9	30
5985836	22'33'4-PentaCB-(82)	2019/02/23					<0.0086	ng/g	12	30
5985836	22'33'55'66'-OctaCB-(202)	2019/02/23	93	50 - 150	114	50 - 150	<0.0057	ng/g	19	30
5985836	22'33'55'6-HeptaCB-(178)	2019/02/23					<0.022	ng/g	7.3	30
5985836	22'33'55'-HexaCB-(133)	2019/02/23					<0.012	ng/g	3.3	30
5985836	22'33'566'-HeptaCB-(179)	2019/02/23					<0.014	ng/g	8.1	30
5985836	22'33'66'-HexaCB-(136)	2019/02/23					<0.016	ng/g	6.9	30
5985836	22'33'6-PentaCB-(84)	2019/02/23					<0.0088	ng/g	9.7	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	22'344'55'6-OctaCB-(203)	2019/02/23					<0.011	ng/g	9.0	30
5985836	22'344'566'-OctaCB-(204)	2019/02/23					<0.0074	ng/g	NC	30
5985836	22'344'56-HeptaCB-(181)	2019/02/23					<0.0072	ng/g	NC (1)	30
5985836	22'344'56'-HeptaCB-(182)	2019/02/23					<0.022	ng/g	NC	30
5985836	22'344'5'6-HeptaCB-(183)	2019/02/23					0.0167, RDL=0.0099	ng/g	7.6	30
5985836	22'344'5-HexaCB-(137)	2019/02/23					<0.013	ng/g	31 (3)	30
5985836	22'344'66'-HeptaCB-(184)	2019/02/23					<0.015	ng/g	7.9	30
5985836	22'3455'6-HeptaCB-(185)	2019/02/23					0.0088, RDL=0.0099	ng/g	1.4	30
5985836	22'34'55'6-HeptaCB-(187)	2019/02/23					0.061, RDL=0.0099	ng/g	18	30
5985836	22'3455'-HexaCB-(141)	2019/02/23					<0.013	ng/g	2.2	30
5985836	22'34'55'-HexaCB-(146)	2019/02/23					0.030, RDL=0.0099	ng/g	0.77	30
5985836	22'34566'-HeptaCB-(186)	2019/02/23					<0.016	ng/g	NC	30
5985836	22'34'566'-HeptaCB-(188)	2019/02/23	102	50 - 150	104	50 - 150	<0.010	ng/g	NC	30
5985836	22'3456-HexaCB-(142)	2019/02/23					<0.013	ng/g	NC	30
5985836	22'345'6-HexaCB-(144)	2019/02/23					<0.023	ng/g	7.4	30
5985836	22'34'56'-HexaCB-(148)	2019/02/23					<0.022	ng/g	3.2	30
5985836	22'3466'-HexaCB-(145)	2019/02/23					<0.017	ng/g	NC	30
5985836	22'34'66'-HexaCB-(150)	2019/02/23					<0.015	ng/g	16	30
5985836	22'346'-PentaCB-(89)	2019/02/23					<0.0079	ng/g	NC	30
5985836	22'34'-TetraCB-(42)	2019/02/23					<0.0072	ng/g	15	30
5985836	22'355'-PentaCB-(92)	2019/02/23					0.0116, RDL=0.0099	ng/g	12	30
5985836	22'3566'-HexaCB-(152)	2019/02/23					<0.015	ng/g	NC	30
5985836	22'356'-PentaCB-(94)	2019/02/23					<0.0080	ng/g	NC	30
5985836	22'35'6-PentaCB-(95)	2019/02/23					<0.017 (1)	ng/g	9.1	30
5985836	22'35-TetraCB-(43)	2019/02/23					<0.0078	ng/g	1.0	30
5985836	22'366'-PentaCB-(96)	2019/02/23					<0.0030	ng/g	NC	30
5985836	22'36'-TetraCB-(46)	2019/02/23					<0.0069	ng/g	NC	30
5985836	22'3-TriCB-(16)	2019/02/23					<0.0050	ng/g	23	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	22'44'56'-HexaCB-(154)	2019/02/23					<0.020	ng/g	1.3	30
5985836	22'44'66'-HexaCB-(155)	2019/02/23	98	50 - 150	104	50 - 150	<0.0069	ng/g	11	30
5985836	22'45'6-PentaCB-(103)	2019/02/23					<0.0060	ng/g	0.32	30
5985836	22'45-TetraCB-(48)	2019/02/23					<0.0059	ng/g	23	30
5985836	22'466'-PentaCB-(104)	2019/02/23	98	50 - 150	93	50 - 150	<0.0011	ng/g	NC	30
5985836	22'4-TriCB-(17)	2019/02/23					<0.0039	ng/g	27	30
5985836	22'55'-TetraCB-(52)	2019/02/23					0.0207, RDL=0.0099	ng/g	20	30
5985836	22'66'-TetraCB-(54)	2019/02/23	93	50 - 150	96	50 - 150	<0.0016	ng/g	NC	30
5985836	22'6-TriCB-(19)	2019/02/23	96	50 - 150	105	50 - 150	<0.0020	ng/g	NC	30
5985836	22'-DiCB-(4)	2019/02/23	107	50 - 150	101	50 - 150	<0.0021	ng/g	NC	30
5985836	233'44'55'6-OctaCB-(205)	2019/02/23	111	50 - 150	103	50 - 150	<0.0050	ng/g	NC	30
5985836	233'44'55'-HeptaCB-(189)	2019/02/23	95	50 - 150	104	50 - 150	<0.0041	ng/g	20	30
5985836	233'44'56-HeptaCB-(190)	2019/02/23					<0.0056	ng/g	16	30
5985836	233'44'5'6-HeptaCB-(191)	2019/02/23					<0.0055	ng/g	2.8	30
5985836	233'44'6-HexaCB-(158)	2019/02/23					<0.0084	ng/g	7.7	30
5985836	233'44'-PentaCB-(105)	2019/02/23	94	50 - 150	122	50 - 150	0.0183, RDL=0.0099	ng/g	14	30
5985836	233'455'6-HeptaCB-(192)	2019/02/23					<0.0061	ng/g	NC	30
5985836	233'455'-HexaCB-(159)	2019/02/23					<0.0061	ng/g	10	30
5985836	233'4'55'-HexaCB-(162)	2019/02/23					<0.0064	ng/g	NC	30
5985836	233'456-HexaCB-(160)	2019/02/23					<0.0097	ng/g	NC	30
5985836	233'45'6-HexaCB-(161)	2019/02/23					<0.0092	ng/g	NC	30
5985836	233'4'5'6-HexaCB-(164)	2019/02/23					<0.0093	ng/g	17	30
5985836	233'45-PentaCB-(106)	2019/02/23					<0.0045	ng/g	NC	30
5985836	233'4'5-PentaCB-(107)	2019/02/23					<0.0046	ng/g	11	30
5985836	233'4'5'-PentaCB-(122)	2019/02/23					<0.0050	ng/g	NC (1)	30
5985836	233'4'-Tetra CB(56)	2019/02/23					<0.0030	ng/g	5.7	30
5985836	233'4-TetraCB-(55)	2019/02/23					<0.0032	ng/g	NC (1)	30
5985836	233'55'6-HexaCB-(165)	2019/02/23					<0.0090	ng/g	NC	30
5985836	233'55'-PentaCB-(111)	2019/02/23					<0.0054	ng/g	NC	30
5985836	233'56-PentaCB-(112)	2019/02/23					<0.0054	ng/g	NC	30
5985836	233'5-TetraCB-(57)	2019/02/23					<0.0029	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	233'5'-TetraCB-(58)	2019/02/23					<0.0030	ng/g	NC	30
5985836	23'44'55'-HexaCB-(167)	2019/02/23	103	50 - 150	109	50 - 150	<0.0074	ng/g	8.7	30
5985836	2344'5-PentaCB-(114)	2019/02/23	104	50 - 150	108	50 - 150	<0.0057	ng/g	1.2	30
5985836	23'44'5-PentaCB-(118)	2019/02/23	NC	50 - 150	144	50 - 150	0.0465, RDL=0.0099	ng/g	13	30
5985836	23'44'5'-PentaCB-(123)	2019/02/23	114	50 - 150	116	50 - 150	<0.0064	ng/g	3.0	30
5985836	2344'-TetraCB -(60)	2019/02/23					<0.0032	ng/g	12	30
5985836	23'44'-TetraCB-(66)	2019/02/23					0.0160, RDL=0.0099	ng/g	12	30
5985836	23'455'-PentaCB-(120)	2019/02/23					<0.0051	ng/g	19	30
5985836	23'45'6-PentaCB-(121)	2019/02/23					<0.0053	ng/g	NC	30
5985836	234'5-TetraCB-(63)	2019/02/23					<0.0028	ng/g	11	30
5985836	23'45-TetraCB-(67)	2019/02/23					<0.0027	ng/g	NC	30
5985836	23'45'-TetraCB-(68)	2019/02/23					<0.0027	ng/g	18	30
5985836	234'6-TetraCB-(64)	2019/02/23					0.0057, RDL=0.0099	ng/g	17	30
5985836	234'-TriCB-(22)	2019/02/23					<0.0025	ng/g	NC	30
5985836	23'4-TriCB-(25)	2019/02/23					<0.0023	ng/g	18	30
5985836	23'55'-TetraCB-(72)	2019/02/23					<0.0028	ng/g	18	30
5985836	23'5'6-TetraCB-(73)	2019/02/23					<0.0040	ng/g	NC	30
5985836	235-TriCB-(23)	2019/02/23					<0.0024	ng/g	NC	30
5985836	23'5'-TriCB-(34)	2019/02/23					<0.0023	ng/g	NC	30
5985836	236-TriCB-(24)	2019/02/23					<0.0029	ng/g	NC	30
5985836	23'6-TriCB-(27)	2019/02/23					<0.0025	ng/g	NC	30
5985836	24'5-TriCB-(31)	2019/02/23					0.0071, RDL=0.0099	ng/g	27	30
5985836	24'6-TriCB-(32)	2019/02/23					<0.0025	ng/g	21	30
5985836	2-MonoCB-(1)	2019/02/23	94	50 - 150	94	50 - 150	<0.0010	ng/g	NC (1)	30
5985836	3,3'-DiCB-(11)	2019/02/23					0.0026, RDL=0.0099	ng/g	1.6	30
5985836	3,5-DiCB-(14)	2019/02/23					<0.0016	ng/g	NC	30
5985836	33'44'55'-HexaCB-(169)	2019/02/23	120	50 - 150	109	50 - 150	<0.0079	ng/g	NC	30
5985836	33'44'5-PentaCB-(126)	2019/02/23	114	50 - 150	109	50 - 150	<0.0056	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	33'44'-TetraCB-(77)	2019/02/23	104	50 - 150	109	50 - 150	<0.0042	ng/g	9.8	30
5985836	33'455'-PentaCB-(127)	2019/02/23					<0.0046	ng/g	NC	30
5985836	33'45-TetraCB-(78)	2019/02/23					<0.0030	ng/g	NC	30
5985836	33'45'-TetraCB(79)	2019/02/23					<0.0026	ng/g	NC	30
5985836	33'4-TriCB-(35)	2019/02/23					<0.0023	ng/g	NC	30
5985836	33'55'-TetraCB-(80)	2019/02/23					<0.0026	ng/g	NC (1)	30
5985836	33'5-TriCB-(36)	2019/02/23					<0.0020	ng/g	NC	30
5985836	344'5-TetraCB-(81)	2019/02/23	105	50 - 150	108	50 - 150	<0.0041	ng/g	NC	30
5985836	344'-TriCB-(37)	2019/02/23	98	50 - 150	106	50 - 150	<0.0038	ng/g	NC	30
5985836	345-TriCB-(38)	2019/02/23					<0.0023	ng/g	NC	30
5985836	34'5-TriCB-(39)	2019/02/23					<0.0022	ng/g	NC	30
5985836	3-MonoCB-(2)	2019/02/23					<0.0010	ng/g	NC (1)	30
5985836	4,4'-DiCB-(15)	2019/02/23	104	50 - 150	111	50 - 150	<0.0028	ng/g	NC	30
5985836	4-MonoCB-(3)	2019/02/23	94	50 - 150	96	50 - 150	<0.0010	ng/g	NC (1)	30
5985836	DecaCB-(209)	2019/02/23	81	50 - 150	97	50 - 150	<0.010	ng/g	116 (3)	30
5985836	DiCB-(12)+(13)	2019/02/23					<0.0017	ng/g	NC	30
5985836	HeptaCB-(171)+(173)	2019/02/23					<0.0075	ng/g	14	30
5985836	HeptaCB-(180)+(193)	2019/02/23	82	50 - 150	101	50 - 150	0.0313, RDL=0.020	ng/g	17	30
5985836	HexaCB-(128)+(166)	2019/02/23	148	N/A	120	N/A	<0.011	ng/g	9.0	30
5985836	HexaCB-(129)+(138)+(163)	2019/02/23					0.121, RDL=0.030	ng/g	8.0	30
5985836	HexaCB-(134)+(143)	2019/02/23					<0.013	ng/g	6.6	30
5985836	HexaCB-(135)+(151)	2019/02/23					<0.028 (1)	ng/g	0.23	30
5985836	HexaCB-(139)+(140)	2019/02/23					<0.011	ng/g	9.1	30
5985836	HexaCB-(147)+(149)	2019/02/23					0.099, RDL=0.020	ng/g	5.1	30
5985836	HexaCB-(153)+(168)	2019/02/23					0.128, RDL=0.0099	ng/g	1.6	30
5985836	HexaCB-(156)+(157)	2019/02/23	100	50 - 150	105	50 - 150	<0.0078	ng/g	15	30
5985836	OctaCB-(198)+(199)	2019/02/23					<0.012	ng/g	23	30
5985836	PentaCB-(108)+(124)	2019/02/23					<0.0047	ng/g	5.0	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5985836	PentaCB-(110)+(115)	2019/02/23					0.0387, RDL=0.020	ng/g	12	30
5985836	PentaCB-(83)+(99)	2019/02/23					0.0496, RDL=0.020	ng/g	13	30
5985836	PentaCB-(85)+(116)+(117)	2019/02/23					<0.0074 (1)	ng/g	14	30
5985836	PentaCB-(86)(87)(97)(109)(119)(125)	2019/02/23					0.0180, RDL=0.060	ng/g	10	30
5985836	PentaCB-(88)+(91)	2019/02/23					<0.0072	ng/g	9.9	30
5985836	PentaCB-(90)+(101)+(113)	2019/02/23					0.0620, RDL=0.030	ng/g	12	30
5985836	PentaCB-(93)+(98)+(100)+(102)	2019/02/23					<0.0072	ng/g	4.3	30
5985836	TetraCB-(40)+(41)+(71)	2019/02/23					<0.0058	ng/g	21	30
5985836	TetraCB-(44)+(47)+(65)	2019/02/23					0.0135, RDL=0.030	ng/g	17	30
5985836	TetraCB-(45)+(51)	2019/02/23					<0.0059	ng/g	18	30
5985836	TetraCB-(49)+TetraCB-(69)	2019/02/23					0.0071, RDL=0.020	ng/g	19	30
5985836	TetraCB-(50)+(53)	2019/02/23					<0.0055	ng/g	6.1	30
5985836	TetraCB-(59)+(62)+(75)	2019/02/23					<0.0041	ng/g	16	30
5985836	TetraCB-(61)+(70)+(74)+(76)	2019/02/23					<0.025 (1)	ng/g	13	30
5985836	TriCB-(18)+(30)	2019/02/23					<0.0031	ng/g	30	30
5985836	TriCB-(20) + (28)	2019/02/23					0.0111, RDL=0.020	ng/g	27	30
5985836	TriCB-(21)+(33)	2019/02/23					<0.0023	ng/g	23	30
5985836	TriCB-(26)+(29)	2019/02/23					<0.0022	ng/g	23	30
5988747	1,2,3,4,6,7,8-Hepta CDD	2019/02/24	107	70 - 140	106	70 - 140	<0.121, EDL=0.121	pg/g	0.94	25
5988747	1,2,3,4,6,7,8-Hepta CDF	2019/02/24	100	82 - 122	99	82 - 122	<0.103, EDL=0.103	pg/g	3.0	25
5988747	1,2,3,4,7,8,9-Hepta CDF	2019/02/24	109	78 - 138	109	78 - 138	<0.0992, EDL=0.0992	pg/g	0.92	25
5988747	1,2,3,4,7,8-Hexa CDD	2019/02/24	110	70 - 164	112	70 - 164	<0.111, EDL=0.111	pg/g	1.8	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5988747	1,2,3,4,7,8-Hexa CDF	2019/02/24	109	72 - 134	106	72 - 134	<0.112, EDL=0.112	pg/g	1.9	25
5988747	1,2,3,6,7,8-Hexa CDD	2019/02/24	111	76 - 134	111	76 - 134	<0.109, EDL=0.109	pg/g	2.7	25
5988747	1,2,3,6,7,8-Hexa CDF	2019/02/24	102	84 - 130	102	84 - 130	<0.112, EDL=0.112	pg/g	3.8	25
5988747	1,2,3,7,8,9-Hexa CDD	2019/02/24	111	64 - 162	108	64 - 162	<0.111, EDL=0.111	pg/g	0	25
5988747	1,2,3,7,8,9-Hexa CDF	2019/02/24	111	78 - 130	111	78 - 130	<0.113, EDL=0.113	pg/g	1.8	25
5988747	1,2,3,7,8-Penta CDD	2019/02/24	106	25 - 181	105	25 - 181	<0.120, EDL=0.120	pg/g	3.7	25
5988747	1,2,3,7,8-Penta CDF	2019/02/24	114	80 - 134	113	80 - 134	<0.108, EDL=0.108	pg/g	0.88	25
5988747	2,3,4,6,7,8-Hexa CDF	2019/02/24	110	70 - 156	104	70 - 156	<0.105, EDL=0.105	pg/g	4.7	25
5988747	2,3,4,7,8-Penta CDF	2019/02/24	105	68 - 160	102	68 - 160	<0.101, EDL=0.101	pg/g	1.9	25
5988747	2,3,7,8-Tetra CDD	2019/02/24	99	67 - 158	97	67 - 158	<0.132, EDL=0.132	pg/g	2.0	25
5988747	2,3,7,8-Tetra CDF	2019/02/24	108	75 - 158	113	75 - 158	<0.121, EDL=0.121	pg/g	0	25
5988747	Octa CDD	2019/02/24	107	78 - 144	110	78 - 144	0.441, EDL=0.136	pg/g	0	25
5988747	Octa CDF	2019/02/24	103	63 - 170	102	63 - 170	<0.119, EDL=0.119	pg/g	3.8	25
5988747	Total Hepta CDD	2019/02/24					<0.121, EDL=0.121	pg/g		
5988747	Total Hepta CDF	2019/02/24					<0.101, EDL=0.101	pg/g		
5988747	Total Hexa CDD	2019/02/24					<0.389, EDL=0.389 (1)	pg/g		
5988747	Total Hexa CDF	2019/02/24					<0.110, EDL=0.110	pg/g		
5988747	Total Penta CDD	2019/02/24					<0.120, EDL=0.120	pg/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5988747	Total Penta CDF	2019/02/24					<0.105, EDL=0.105	pg/g		
5988747	Total Tetra CDD	2019/02/24					<0.132, EDL=0.132	pg/g		
5988747	Total Tetra CDF	2019/02/24					<0.121, EDL=0.121	pg/g		
5988751	Acenaphthene	2019/02/25	101	50 - 150	156 (3)	60 - 140	<0.067	ng/g		
5988751	Acenaphthylene	2019/02/25	115	50 - 150	158 (3)	60 - 140	<0.048	ng/g		
5988751	Anthracene	2019/02/25	113	50 - 150	159 (3)	60 - 140	0.080, RDL=0.50	ng/g		
5988751	Benzo(a)anthracene	2019/02/25	101	50 - 150	159 (3)	60 - 140	<0.025	ng/g		
5988751	Benzo(a)pyrene	2019/02/25	71	50 - 150	131	60 - 140	<0.078	ng/g		
5988751	Benzo(b/j)fluoranthene	2019/02/25	109	50 - 150	159 (3)	60 - 140	<0.049	ng/g		
5988751	Benzo(g,h,i)perylene	2019/02/25	105	50 - 150	157 (3)	60 - 140	<0.058	ng/g		
5988751	Benzo(k)fluoranthene	2019/02/25	108	50 - 150	180 (3)	60 - 140	<0.059	ng/g		
5988751	Chrysene	2019/02/25	97	50 - 150	170 (3)	60 - 140	<0.025	ng/g		
5988751	Dibenz(a,h)anthracene	2019/02/25	105	50 - 150	181 (3)	60 - 140	<0.068	ng/g		
5988751	Fluoranthene	2019/02/25	105	50 - 150	144 (3)	60 - 140	0.048, RDL=0.50	ng/g		
5988751	Fluorene	2019/02/25	96	50 - 150	144 (3)	60 - 140	0.064, RDL=0.50	ng/g		
5988751	Indeno(1,2,3-cd)pyrene	2019/02/25	101	50 - 150	166 (3)	60 - 140	<0.061	ng/g		
5988751	Naphthalene	2019/02/25	120	50 - 150	157 (3)	60 - 140	0.461, RDL=0.50	ng/g		
5988751	Phenanthrene	2019/02/25	113	50 - 150	164 (3)	60 - 140	0.169, RDL=0.50	ng/g		
5988751	Pyrene	2019/02/25	104	50 - 150	165 (3)	60 - 140	0.036, RDL=0.50	ng/g		
5995364	Acenaphthene	2019/03/03	107	50 - 150	105	60 - 140	<0.072	ng/g	NC	50
5995364	Acenaphthylene	2019/03/03	109	50 - 150	114	60 - 140	<0.061	ng/g	NC	50
5995364	Anthracene	2019/03/03	119	50 - 150	129	60 - 140	<0.091	ng/g	NC	50
5995364	Benzo(a)anthracene	2019/03/03	117	50 - 150	109	60 - 140	<0.056	ng/g	NC	50
5995364	Benzo(a)pyrene	2019/03/03	105	50 - 150	113	60 - 140	<0.088	ng/g	NC	50
5995364	Benzo(b/j)fluoranthene	2019/03/03	103	50 - 150	130	60 - 140	<0.066	ng/g	NC	50
5995364	Benzo(g,h,i)perylene	2019/03/03	109	50 - 150	117	60 - 140	0.19, RDL=0.49	ng/g	115 (3)	50
5995364	Benzo(k)fluoranthene	2019/03/03	110	50 - 150	95	60 - 140	<0.063	ng/g	NC	50
5995364	Chrysene	2019/03/03	106	50 - 150	111	60 - 140	<0.061	ng/g	NC	50
5995364	Dibenz(a,h)anthracene	2019/03/03	105	50 - 150	116	60 - 140	<0.11	ng/g	NC	50
5995364	Fluoranthene	2019/03/03	107	50 - 150	107	60 - 140	0.098, RDL=0.49	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
5995364	Fluorene	2019/03/03	168 (3)	50 - 150	143 (3)	60 - 140	0.098, RDL=0.49	ng/g	NC	50
5995364	Indeno(1,2,3-cd)pyrene	2019/03/03	120	50 - 150	121	60 - 140	<0.15	ng/g	NC	50
5995364	Naphthalene	2019/03/03	89	50 - 150	118	60 - 140	0.853, RDL=0.49	ng/g	95 (3)	50
5995364	Phenanthrene	2019/03/03	116	50 - 150	130	60 - 140	0.406, RDL=0.49	ng/g	129 (3)	50
5995364	Pyrene	2019/03/03	102	50 - 150	107	60 - 140	0.083, RDL=0.49	ng/g	NC	50
6013390	1,2,3,4,6,7,8-Hepta CDD	2019/03/13	111	70 - 140	118	70 - 140	<0.159, EDL=0.159	pg/g	NC	25
6013390	1,2,3,4,6,7,8-Hepta CDF	2019/03/13	107	82 - 122	111	82 - 122	<0.0979, EDL=0.0979	pg/g	NC	25
6013390	1,2,3,4,7,8,9-Hepta CDF	2019/03/13	118	78 - 138	121	78 - 138	<0.0949, EDL=0.0949	pg/g	NC	25
6013390	1,2,3,4,7,8-Hexa CDD	2019/03/13	113	70 - 164	114	70 - 164	<0.0900, EDL=0.0900	pg/g	NC	25
6013390	1,2,3,4,7,8-Hexa CDF	2019/03/13	110	72 - 134	111	72 - 134	<0.0687, EDL=0.0687	pg/g	NC	25
6013390	1,2,3,6,7,8-Hexa CDD	2019/03/13	113	76 - 134	121	76 - 134	<0.0911, EDL=0.0911	pg/g	NC	25
6013390	1,2,3,6,7,8-Hexa CDF	2019/03/13	110	84 - 130	117	84 - 130	<0.0729, EDL=0.0729	pg/g	NC	25
6013390	1,2,3,7,8,9-Hexa CDD	2019/03/13	110	64 - 162	115	64 - 162	<0.0903, EDL=0.0903	pg/g	NC	25
6013390	1,2,3,7,8,9-Hexa CDF	2019/03/13	114	78 - 130	119	78 - 130	<0.0726, EDL=0.0726	pg/g	NC	25
6013390	1,2,3,7,8-Penta CDD	2019/03/13	103	25 - 181	106	25 - 181	<0.0728, EDL=0.0728	pg/g	NC (1)	25
6013390	1,2,3,7,8-Penta CDF	2019/03/13	118	80 - 134	122	80 - 134	<0.120, EDL=0.120	pg/g	NC	25
6013390	2,3,4,6,7,8-Hexa CDF	2019/03/13	113	70 - 156	117	70 - 156	<0.0674, EDL=0.0674	pg/g	NC	25
6013390	2,3,4,7,8-Penta CDF	2019/03/13	110	68 - 160	108	68 - 160	<0.106, EDL=0.106	pg/g	NC (1)	25
6013390	2,3,7,8-Tetra CDD	2019/03/13	115	67 - 158	112	67 - 158	<0.131, EDL=0.131	pg/g	NC	25
6013390	2,3,7,8-Tetra CDF	2019/03/13	103	75 - 158	114	75 - 158	<0.0962, EDL=0.0962	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6013390	Octa CDD	2019/03/13	111	78 - 144	113	78 - 144	0.195, EDL=0.112	pg/g	NC (1)	25
6013390	Octa CDF	2019/03/13	119	63 - 170	121	63 - 170	<0.123, EDL=0.123	pg/g	NC	25
6013390	Total Hepta CDD	2019/03/13					<0.159, EDL=0.159	pg/g	NC	25
6013390	Total Hepta CDF	2019/03/13					<0.0963, EDL=0.0963	pg/g	NC	25
6013390	Total Hexa CDD	2019/03/13					<0.0910, EDL=0.0910	pg/g	NC	25
6013390	Total Hexa CDF	2019/03/13					<0.0703, EDL=0.0703	pg/g	NC	25
6013390	Total Penta CDD	2019/03/13					<0.0728, EDL=0.0728	pg/g	NC (1)	25
6013390	Total Penta CDF	2019/03/13					<0.112, EDL=0.112	pg/g	NC	25
6013390	Total Tetra CDD	2019/03/13					<0.131, EDL=0.131	pg/g	NC	25
6013390	Total Tetra CDF	2019/03/13					<0.0962, EDL=0.0962	pg/g	18	25
6014276	2,3-DiCB-(5)	2019/03/12					<0.00034	ng/g	NC	30
6014276	2,3'-DiCB-(6)	2019/03/12					<0.00030	ng/g	NC (1)	30
6014276	2,4-DiCB-(7)	2019/03/12					<0.00030	ng/g	NC	30
6014276	2,4'-DiCB-(8)	2019/03/12					0.00171, RDL=0.0099	ng/g	NC	30
6014276	2,5-DiCB-(9)	2019/03/12					<0.00029	ng/g	NC	30
6014276	2,6-DiCB-(10)	2019/03/12					<0.00070	ng/g	NC	30
6014276	22'33'44'55'6-NonaCB-(206)	2019/03/12	118	50 - 150	115	50 - 150	<0.0043 (1)	ng/g	14	30
6014276	22'33'44'55'-OctaCB-(194)	2019/03/12					0.0077, RDL=0.0099	ng/g	3.7	30
6014276	22'33'44'566'-NonaCB-(207)	2019/03/12					<0.0017	ng/g	NC	30
6014276	22'33'44'56-OctaCB-(195)	2019/03/12					<0.0029 (1)	ng/g	16	30
6014276	22'33'44'56'-OctaCB-(196)	2019/03/12					<0.0029	ng/g	3.6	30
6014276	22'33'44'5-HeptaCB-(170)	2019/03/12	90 (13)	50 - 150	124	50 - 150	0.0097, RDL=0.0099	ng/g	7.8	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	22'33'44'66'OctaCB-(197)	2019/03/12					<0.0021	ng/g	NC	30
6014276	22'33'455'66'-NonaCB-(208)	2019/03/12	120	50 - 150	116	50 - 150	<0.0019	ng/g	NC	30
6014276	22'33'455'-HeptaCB-(172)	2019/03/12					0.0032, RDL=0.0099	ng/g	4.8	30
6014276	22'33'4566'-OctaCB-(200)	2019/03/12					<0.0016	ng/g	NC	30
6014276	22'33'45'66'-OctaCB-(201)	2019/03/12					<0.0022 (1)	ng/g	NC	30
6014276	22'33'456'-HeptaCB-(174)	2019/03/12					<0.0091 (1)	ng/g	3.3	30
6014276	22'33'45'6-HeptaCB-(175)	2019/03/12					<0.0014	ng/g	NC	30
6014276	22'33'45'6'-HeptaCB-(177)	2019/03/12					0.0130, RDL=0.0099	ng/g	10	30
6014276	22'33'45'-HexaCB-(130)	2019/03/12					0.0047, RDL=0.0099	ng/g	12	30
6014276	22'33'466'-HeptaCB-(176)	2019/03/12					0.0020, RDL=0.0099	ng/g	NC	30
6014276	22'33'46-HexaCB-(131)	2019/03/12					<0.0013	ng/g	NC	30
6014276	22'33'46'-HexaCB-(132)	2019/03/12					0.0077, RDL=0.0099	ng/g	2.4	30
6014276	22'33'4-PentaCB-(82)	2019/03/12					<0.0011	ng/g	6.7	30
6014276	22'33'55'66'-OctaCB-(202)	2019/03/12	109 (13)	50 - 150	119	50 - 150	0.0055, RDL=0.0099	ng/g	8.5	30
6014276	22'33'55'6-HeptaCB-(178)	2019/03/12					0.0082, RDL=0.0099	ng/g	9.6	30
6014276	22'33'55'-HexaCB-(133)	2019/03/12					0.0027, RDL=0.0099	ng/g	2.9	30
6014276	22'33'566'-HeptaCB-(179)	2019/03/12					0.00770, RDL=0.0099	ng/g	6.5	30
6014276	22'33'66'-HexaCB-(136)	2019/03/12					0.0030, RDL=0.0099	ng/g	8.2	30
6014276	22'33'6-PentaCB-(84)	2019/03/12					0.0018, RDL=0.0099	ng/g	7.4	30
6014276	22'344'55'6-OctaCB-(203)	2019/03/12					<0.0049 (1)	ng/g	5.6	30
6014276	22'344'566'-OctaCB-(204)	2019/03/12					<0.0018	ng/g	NC	30
6014276	22'344'56-HeptaCB-(181)	2019/03/12					<0.0016	ng/g	NC	30
6014276	22'344'56'-HeptaCB-(182)	2019/03/12					<0.0014	ng/g	NC (1)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	22'344'5'6-HeptaCB-(183)	2019/03/12					<0.0056 (1)	ng/g	0.23	30
6014276	22'344'5-HexaCB-(137)	2019/03/12					<0.0016 (1)	ng/g	5.5	30
6014276	22'344'66'-HeptaCB-(184)	2019/03/12					<0.00099	ng/g	NC	30
6014276	22'3455'6-HeptaCB-(185)	2019/03/12					0.0035, RDL=0.0099	ng/g	NC	30
6014276	22'34'55'6-HeptaCB-(187)	2019/03/12					0.0429, RDL=0.0099	ng/g	10	30
6014276	22'3455'-HexaCB-(141)	2019/03/12					<0.0049 (1)	ng/g	8.6	30
6014276	22'34'55'-HexaCB-(146)	2019/03/12					0.0195, RDL=0.0099	ng/g	6.4	30
6014276	22'34566'-HeptaCB-(186)	2019/03/12					<0.0011	ng/g	NC	30
6014276	22'34'566'-HeptaCB-(188)	2019/03/12	108 (13)	50 - 150	117	50 - 150	<0.0012	ng/g	NC	30
6014276	22'3456-HexaCB-(142)	2019/03/12					<0.0011	ng/g	NC	30
6014276	22'345'6-HexaCB-(144)	2019/03/12					<0.0016	ng/g	1.4	30
6014276	22'34'56'-HexaCB-(148)	2019/03/12					<0.0016	ng/g	NC	30
6014276	22'3466'-HexaCB-(145)	2019/03/12					<0.0012	ng/g	NC	30
6014276	22'34'66'-HexaCB-(150)	2019/03/12					<0.0012	ng/g	NC	30
6014276	22'346'-PentaCB-(89)	2019/03/12					<0.0010	ng/g	NC	30
6014276	22'34'-TetraCB-(42)	2019/03/12					0.0017, RDL=0.0099	ng/g	7.9	30
6014276	22'355'-PentaCB-(92)	2019/03/12					0.00819, RDL=0.0099	ng/g	1.5	30
6014276	22'3566'-HexaCB-(152)	2019/03/12					<0.0011	ng/g	NC	30
6014276	22'356'-PentaCB-(94)	2019/03/12					<0.0011	ng/g	NC	30
6014276	22'35'6-PentaCB-(95)	2019/03/12					0.0128, RDL=0.0099	ng/g	6.3	30
6014276	22'35-TetraCB-(43)	2019/03/12					<0.0013	ng/g	NC	30
6014276	22'366'-PentaCB-(96)	2019/03/12					<0.00059	ng/g	NC	30
6014276	22'36'-TetraCB-(46)	2019/03/12					<0.0011	ng/g	NC	30
6014276	22'3-TriCB-(16)	2019/03/12					<0.0022	ng/g	NC	30
6014276	22'44'56'-HexaCB-(154)	2019/03/12					0.0022, RDL=0.0099	ng/g	0.34	30
6014276	22'44'66'-HexaCB-(155)	2019/03/12	107	50 - 150	111	50 - 150	<0.0010	ng/g	NC	30
6014276	22'45'6-PentaCB-(103)	2019/03/12					<0.00085	ng/g	NC (1)	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	22'45-TetraCB-(48)	2019/03/12					0.00108, RDL=0.0099	ng/g	NC	30
6014276	22'466'-PentaCB-(104)	2019/03/12	108	50 - 150	112	50 - 150	<0.00040	ng/g	NC	30
6014276	22'4-TriCB-(17)	2019/03/12					<0.0015	ng/g	NC	30
6014276	22'55'-TetraCB-(52)	2019/03/12					0.0147, RDL=0.0099	ng/g	6.9	30
6014276	22'66'-TetraCB-(54)	2019/03/12	105	50 - 150	112	50 - 150	<0.00047	ng/g	NC	30
6014276	22'6-TriCB-(19)	2019/03/12	109	50 - 150	119	50 - 150	<0.0010	ng/g	NC	30
6014276	22'-DiCB-(4)	2019/03/12	110	50 - 150	114	50 - 150	<0.00064	ng/g	NC	30
6014276	233'44'55'6-OctaCB-(205)	2019/03/12	119	50 - 150	109	50 - 150	<0.0017	ng/g	NC	30
6014276	233'44'55'-HeptaCB-(189)	2019/03/12	115 (13)	50 - 150	113	50 - 150	0.00249, RDL=0.0099	ng/g	0.72	30
6014276	233'44'56-HeptaCB-(190)	2019/03/12					0.0030, RDL=0.0099	ng/g	1.4	30
6014276	233'44'5'6-HeptaCB-(191)	2019/03/12					<0.0014	ng/g	7.2	30
6014276	233'44'6-HexaCB-(158)	2019/03/12					<0.0031 (1)	ng/g	4.9	30
6014276	233'44'-PentaCB-(105)	2019/03/12	114	50 - 150	128	50 - 150	0.0153, RDL=0.0099	ng/g	3.0	30
6014276	233'455'6-HeptaCB-(192)	2019/03/12					<0.0015	ng/g	NC	30
6014276	233'455'-HexaCB-(159)	2019/03/12					<0.00091	ng/g	NC	30
6014276	233'4'55'-HexaCB-(162)	2019/03/12					<0.00093	ng/g	NC	30
6014276	233'456-HexaCB-(160)	2019/03/12					<0.00095	ng/g	NC	30
6014276	233'45'6-HexaCB-(161)	2019/03/12					<0.00080	ng/g	NC	30
6014276	233'4'5'6-HexaCB-(164)	2019/03/12					0.00343, RDL=0.0099	ng/g	0.59	30
6014276	233'45-PentaCB-(106)	2019/03/12					<0.00055	ng/g	NC	30
6014276	233'4'5-PentaCB-(107)	2019/03/12					0.00444, RDL=0.0099	ng/g	1.7	30
6014276	233'4'5'-PentaCB-(122)	2019/03/12					<0.00062	ng/g	NC	30
6014276	233'4'-Tetra CB(56)	2019/03/12					0.00209, RDL=0.0099	ng/g	0.14	30
6014276	233'4-TetraCB-(55)	2019/03/12					<0.00060	ng/g	NC (1)	30
6014276	233'55'6-HexaCB-(165)	2019/03/12					<0.00086	ng/g	NC	30
6014276	233'55'-PentaCB-(111)	2019/03/12					<0.00074	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	233'56-PentaCB-(112)	2019/03/12					<0.00074	ng/g	NC	30
6014276	233'5-TetraCB-(57)	2019/03/12					<0.00054	ng/g	NC	30
6014276	233'5'-TetraCB-(58)	2019/03/12					<0.00059	ng/g	NC	30
6014276	23'44'55'-HexaCB-(167)	2019/03/12	111	50 - 150	115	50 - 150	0.00441, RDL=0.0099	ng/g	0.87	30
6014276	2344'5-PentaCB-(114)	2019/03/12	110	50 - 150	114	50 - 150	<0.0016 (1)	ng/g	2.4	30
6014276	23'44'5-PentaCB-(118)	2019/03/12	144	50 - 150	165 (3)	50 - 150	0.0447, RDL=0.0099	ng/g	5.3	30
6014276	23'44'5'-PentaCB-(123)	2019/03/12	117	50 - 150	122	50 - 150	0.00155, RDL=0.0099	ng/g	0.59	30
6014276	2344'-TetraCB -(60)	2019/03/12					0.00380, RDL=0.0099	ng/g	2.2	30
6014276	23'44'-TetraCB-(66)	2019/03/12					0.0167, RDL=0.0099	ng/g	0.78	30
6014276	23'455'-PentaCB-(120)	2019/03/12					<0.00070	ng/g	NC	30
6014276	23'45'6-PentaCB-(121)	2019/03/12					<0.00075	ng/g	NC	30
6014276	234'5-TetraCB-(63)	2019/03/12					0.00102, RDL=0.0099	ng/g	4.1	30
6014276	23'45-TetraCB-(67)	2019/03/12					<0.00048	ng/g	NC	30
6014276	23'45'-TetraCB-(68)	2019/03/12					<0.00051	ng/g	11	30
6014276	234'6-TetraCB-(64)	2019/03/12					0.00423, RDL=0.0099	ng/g	5.8	30
6014276	234'-TriCB-(22)	2019/03/12					0.00167, RDL=0.0099	ng/g	5.0	30
6014276	23'4-TriCB-(25)	2019/03/12					<0.00042	ng/g	NC	30
6014276	23'55'-TetraCB-(72)	2019/03/12					<0.00050	ng/g	16	30
6014276	23'5'6-TetraCB-(73)	2019/03/12					<0.00063	ng/g	NC	30
6014276	235-TriCB-(23)	2019/03/12					<0.00045	ng/g	NC	30
6014276	23'5'-TriCB-(34)	2019/03/12					<0.00044	ng/g	NC	30
6014276	236-TriCB-(24)	2019/03/12					<0.0010	ng/g	NC	30
6014276	23'6-TriCB-(27)	2019/03/12					<0.0011	ng/g	NC (1)	30
6014276	24'5-TriCB-(31)	2019/03/12					0.00621, RDL=0.0099	ng/g	0.90	30
6014276	24'6-TriCB-(32)	2019/03/12					<0.00096	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	2-MonoCB-(1)	2019/03/12	118	50 - 150	116	50 - 150	<0.00032	ng/g	NC	30
6014276	3,3'-DiCB-(11)	2019/03/12					0.00398, RDL=0.0099	ng/g	NC	30
6014276	3,5-DiCB-(14)	2019/03/12					<0.00029	ng/g	NC	30
6014276	33'44'55'-HexaCB-(169)	2019/03/12	116	50 - 150	116	50 - 150	<0.0017 (1)	ng/g	NC	30
6014276	33'44'5-PentaCB-(126)	2019/03/12	103	50 - 150	112	50 - 150	<0.00090 (1)	ng/g	NC	30
6014276	33'44'-TetraCB-(77)	2019/03/12	107	50 - 150	115	50 - 150	0.00228, RDL=0.0099	ng/g	4.7	30
6014276	33'455'-PentaCB-(127)	2019/03/12					<0.00058	ng/g	NC	30
6014276	33'45-TetraCB-(78)	2019/03/12					<0.00053	ng/g	NC	30
6014276	33'45'-TetraCB(79)	2019/03/12					<0.00046	ng/g	NC	30
6014276	33'4-TriCB-(35)	2019/03/12					<0.00042	ng/g	NC	30
6014276	33'55'-TetraCB-(80)	2019/03/12					<0.00048	ng/g	NC	30
6014276	33'5-TriCB-(36)	2019/03/12					<0.00037	ng/g	NC	30
6014276	344'5-TetraCB-(81)	2019/03/12	111	50 - 150	116	50 - 150	<0.00062	ng/g	NC	30
6014276	344'-TriCB-(37)	2019/03/12	112	50 - 150	113	50 - 150	0.00180, RDL=0.0099	ng/g	NC	30
6014276	345-TriCB-(38)	2019/03/12					<0.00042	ng/g	NC	30
6014276	34'5-TriCB-(39)	2019/03/12					<0.00041	ng/g	NC (1)	30
6014276	3-MonoCB-(2)	2019/03/12					<0.00032	ng/g	NC	30
6014276	4,4'-DiCB-(15)	2019/03/12	111	50 - 150	112	50 - 150	<0.0012 (1)	ng/g	NC	30
6014276	4-MonoCB-(3)	2019/03/12	112	50 - 150	115	50 - 150	<0.00041 (1)	ng/g	NC	30
6014276	DecaCB-(209)	2019/03/12	99	50 - 150	110	50 - 150	<0.0028	ng/g	NC (1)	30
6014276	DiCB-(12)+(13)	2019/03/12					<0.00030	ng/g	NC	30
6014276	HeptaCB-(171)+(173)	2019/03/12					0.0049, RDL=0.020	ng/g	9.5	30
6014276	HeptaCB-(180)+(193)	2019/03/12	73 (13)	50 - 150	143	50 - 150	0.0331, RDL=0.020	ng/g	3.2	30
6014276	HexaCB-(128)+(166)	2019/03/12	89	N/A	104	N/A	0.0107, RDL=0.020	ng/g	6.3	30
6014276	HexaCB-(129)+(138)+(163)	2019/03/12					0.0793, RDL=0.030	ng/g	6.2	30
6014276	HexaCB-(134)+(143)	2019/03/12					0.0022, RDL=0.020	ng/g	1.3	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	HexaCB-(135)+(151)	2019/03/12					0.0185, RDL=0.020	ng/g	0.92	30
6014276	HexaCB-(139)+(140)	2019/03/12					<0.00098	ng/g	6.5	30
6014276	HexaCB-(147)+(149)	2019/03/12					0.0554, RDL=0.020	ng/g	0.60	30
6014276	HexaCB-(153)+(168)	2019/03/12					0.0922, RDL=0.0099	ng/g	5.8	30
6014276	HexaCB-(156)+(157)	2019/03/12	115	50 - 150	121	50 - 150	0.0120, RDL=0.020	ng/g	3.6	30
6014276	OctaCB-(198)+(199)	2019/03/12					0.0105, RDL=0.020	ng/g	8.5	30
6014276	PentaCB-(108)+(124)	2019/03/12					0.00150, RDL=0.020	ng/g	0.54	30
6014276	PentaCB-(110)+(115)	2019/03/12					0.0276, RDL=0.020	ng/g	1.6	30
6014276	PentaCB-(83)+(99)	2019/03/12					0.0394, RDL=0.020	ng/g	0.42	30
6014276	PentaCB-(85)+(116)+(117)	2019/03/12					0.00753, RDL=0.030	ng/g	4.5	30
6014276	PentaCB-(86)(87)(97)(109)(119)(125)	2019/03/12					0.0150, RDL=0.059	ng/g	1.6	30
6014276	PentaCB-(88)+(91)	2019/03/12					0.00315, RDL=0.020	ng/g	3.4	30
6014276	PentaCB-(90)+(101)+(113)	2019/03/12					0.0482, RDL=0.030	ng/g	3.3	30
6014276	PentaCB-(93)+(98)+(100)+(102)	2019/03/12					<0.00098	ng/g	NC	30
6014276	TetraCB-(40)+(41)+(71)	2019/03/12					0.00167, RDL=0.030	ng/g	NC	30
6014276	TetraCB-(44)+(47)+(65)	2019/03/12					0.00948, RDL=0.030	ng/g	3.1	30
6014276	TetraCB-(45)+(51)	2019/03/12					<0.00090	ng/g	NC	30
6014276	TetraCB-(49)+TetraCB-(69)	2019/03/12					0.00494, RDL=0.020	ng/g	2.1	30
6014276	TetraCB-(50)+(53)	2019/03/12					<0.00088	ng/g	NC	30
6014276	TetraCB-(59)+(62)+(75)	2019/03/12					<0.00067	ng/g	NC	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6014276	TetraCB-(61)+(70)+(74)+(76)	2019/03/12					0.0266, RDL=0.040	ng/g	2.5	30
6014276	TriCB-(18)+(30)	2019/03/12					<0.0016 (1)	ng/g	0.92	30
6014276	TriCB-(20) + (28)	2019/03/12					0.0107, RDL=0.020	ng/g	1.2	30
6014276	TriCB-(21)+(33)	2019/03/12					0.00092, RDL=0.020	ng/g	NC	30
6014276	TriCB-(26)+(29)	2019/03/12					<0.00042	ng/g	NC	30
6024017	Acenaphthene	2019/03/23	97	50 - 150	97	60 - 140	<0.047	ng/g	NC	50
6024017	Acenaphthylene	2019/03/23	100	50 - 150	107	60 - 140	<0.029	ng/g	NC	50
6024017	Anthracene	2019/03/23	105	50 - 150	108	60 - 140	<0.060	ng/g	NC	50
6024017	Benzo(a)anthracene	2019/03/23	106	50 - 150	97	60 - 140	<0.058	ng/g	NC	50
6024017	Benzo(a)pyrene	2019/03/23	92	50 - 150	101	60 - 140	<0.25	ng/g	NC	50
6024017	Benzo(b/j)fluoranthene	2019/03/23	88	50 - 150	108	60 - 140	<0.14	ng/g	NC	50
6024017	Benzo(g,h,i)perylene	2019/03/23	92	50 - 150	96	60 - 140	<0.55	ng/g	NC	50
6024017	Benzo(k)fluoranthene	2019/03/23	92	50 - 150	83	60 - 140	<0.19	ng/g	NC	50
6024017	Chrysene	2019/03/23	88	50 - 150	102	60 - 140	<0.058	ng/g	NC	50
6024017	Dibenz(a,h)anthracene	2019/03/23	100	50 - 150	100	60 - 140	<0.53	ng/g	NC	50
6024017	Fluoranthene	2019/03/23	94	50 - 150	100	60 - 140	0.066, RDL=0.44	ng/g	NC	50
6024017	Fluorene	2019/03/23	100	50 - 150	105	60 - 140	0.137, RDL=0.44	ng/g	NC	50
6024017	Indeno(1,2,3-cd)pyrene	2019/03/23	114	50 - 150	115	60 - 140	<0.79	ng/g	NC	50
6024017	Naphthalene	2019/03/23	105	50 - 150	119	60 - 140	0.772, RDL=0.44	ng/g	NC	50
6024017	Phenanthrene	2019/03/23	99	50 - 150	112	60 - 140	0.227, RDL=0.44	ng/g	NC	50
6024017	Pyrene	2019/03/23	101	50 - 150	105	60 - 140	0.061, RDL=0.44	ng/g	NC	50
6024321	Confirmation 2,3,7,8-Tetra CDF	2019/03/18					<0.10, EDL=0.10	pg/g		
6035473	1,2,3,4,6,7,8-Hepta CDD	2019/04/02	117	70 - 140	107	70 - 140	<0.106, EDL=0.106	pg/g	4.6	25
6035473	1,2,3,4,6,7,8-Hepta CDF	2019/04/02	107	82 - 122	102	82 - 122	<0.101, EDL=0.101	pg/g	0.98	25
6035473	1,2,3,4,7,8,9-Hepta CDF	2019/04/02	117	78 - 138	113	78 - 138	<0.0962, EDL=0.0962	pg/g	5.5	25
6035473	1,2,3,4,7,8-Hexa CDD	2019/04/02	108	70 - 164	109	70 - 164	<0.107, EDL=0.107	pg/g	1.9	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6035473	1,2,3,4,7,8-Hexa CDF	2019/04/02	108	72 - 134	107	72 - 134	<0.0966, EDL=0.0966	pg/g	1.9	25
6035473	1,2,3,6,7,8-Hexa CDD	2019/04/02	115	76 - 134	108	76 - 134	<0.108, EDL=0.108	pg/g	0.92	25
6035473	1,2,3,6,7,8-Hexa CDF	2019/04/02	110	84 - 130	109	84 - 130	<0.101, EDL=0.101	pg/g	4.5	25
6035473	1,2,3,7,8,9-Hexa CDD	2019/04/02	112	64 - 162	114	64 - 162	<0.114, EDL=0.114	pg/g	1.8	25
6035473	1,2,3,7,8,9-Hexa CDF	2019/04/02	117	78 - 130	102	78 - 130	<0.0987, EDL=0.0987	pg/g	8.5	25
6035473	1,2,3,7,8-Penta CDD	2019/04/02	97	25 - 181	97	25 - 181	<0.116, EDL=0.116	pg/g	5.0	25
6035473	1,2,3,7,8-Penta CDF	2019/04/02	111	80 - 134	110	80 - 134	<0.129, EDL=0.129	pg/g	0	25
6035473	2,3,4,6,7,8-Hexa CDF	2019/04/02	113	70 - 156	109	70 - 156	<0.0921, EDL=0.0921	pg/g	1.8	25
6035473	2,3,4,7,8-Penta CDF	2019/04/02	106	68 - 160	102	68 - 160	<0.120, EDL=0.120	pg/g	3.8	25
6035473	2,3,7,8-Tetra CDD	2019/04/02	88	67 - 158	86	67 - 158	<0.124, EDL=0.124	pg/g	3.4	25
6035473	2,3,7,8-Tetra CDF	2019/04/02	104	75 - 158	102	75 - 158	<0.0832, EDL=0.0832	pg/g	2.9	25
6035473	Octa CDD	2019/04/02	112	78 - 144	110	78 - 144	<0.192, EDL=0.192 (18)	pg/g	2.7	25
6035473	Octa CDF	2019/04/02	102	63 - 170	105	63 - 170	<0.129, EDL=0.129	pg/g	1.9	25
6035473	Total Hepta CDD	2019/04/02					<0.106, EDL=0.106	pg/g		
6035473	Total Hepta CDF	2019/04/02					<0.0985, EDL=0.0985	pg/g		
6035473	Total Hexa CDD	2019/04/02					<0.113, EDL=0.113	pg/g		
6035473	Total Hexa CDF	2019/04/02					<0.0970, EDL=0.0970	pg/g		
6035473	Total Penta CDD	2019/04/02					<0.116, EDL=0.116	pg/g		

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6035473	Total Penta CDF	2019/04/02					<0.124, EDL=0.124	pg/g		
6035473	Total Tetra CDD	2019/04/02					<0.124, EDL=0.124	pg/g		
6035473	Total Tetra CDF	2019/04/02					<0.0832, EDL=0.0832	pg/g		
6045784	Acenaphthene	2019/03/30	100	50 - 150	99	60 - 140	0.048, RDL=0.48	ng/g	9.6	50
6045784	Acenaphthylene	2019/03/30	102	50 - 150	103	60 - 140	0.070, RDL=0.48	ng/g	9.3	50
6045784	Anthracene	2019/03/30	102	50 - 150	103	60 - 140	<0.040	ng/g	8.4	50
6045784	Benzo(a)anthracene	2019/03/30	101	50 - 150	96	60 - 140	<0.030	ng/g	7.0	50
6045784	Benzo(a)pyrene	2019/03/30	92	50 - 150	98	60 - 140	<0.19	ng/g	2.0	50
6045784	Benzo(b/j)fluoranthene	2019/03/30	88	50 - 150	82	60 - 140	<0.11	ng/g	18	50
6045784	Benzo(g,h,i)perylene	2019/03/30	99	50 - 150	94	60 - 140	<0.22	ng/g	12	50
6045784	Benzo(k)fluoranthene	2019/03/30	96	50 - 150	94	60 - 140	<0.14	ng/g	24	50
6045784	Chrysene	2019/03/30	98	50 - 150	98	60 - 140	0.035, RDL=0.48	ng/g	7.8	50
6045784	Dibenz(a,h)anthracene	2019/03/30	110	50 - 150	101	60 - 140	<0.19	ng/g	9.4	50
6045784	Fluoranthene	2019/03/30	99	50 - 150	106	60 - 140	0.041, RDL=0.48	ng/g	3.8	50
6045784	Fluorene	2019/03/30	113	50 - 150	117	60 - 140	0.086, RDL=0.48	ng/g	14	50
6045784	Indeno(1,2,3-cd)pyrene	2019/03/30	98	50 - 150	107	60 - 140	<0.28	ng/g	0.94	50
6045784	Naphthalene	2019/03/30	96	50 - 150	115	60 - 140	0.972, RDL=0.48	ng/g	5.1	50
6045784	Phenanthrene	2019/03/30	108	50 - 150	114	60 - 140	0.198, RDL=0.48	ng/g	0.87	50
6045784	Pyrene	2019/03/30	111	50 - 150	115	60 - 140	0.069, RDL=0.48	ng/g	12	50
6048585	1,2,3,4,6,7,8-Hepta CDD	2019/04/02	115	70 - 140	120	70 - 140	<0.494, EDL=0.494 (1)	pg/g	NC	25
6048585	1,2,3,4,6,7,8-Hepta CDF	2019/04/02	97	82 - 122	99	82 - 122	0.483, EDL=0.174	pg/g	NC	25
6048585	1,2,3,4,7,8,9-Hepta CDF	2019/04/02	108	78 - 138	113	78 - 138	0.409, EDL=0.166	pg/g	NC	25
6048585	1,2,3,4,7,8-Hexa CDD	2019/04/02	110	70 - 164	110	70 - 164	<0.406, EDL=0.406 (1)	pg/g	NC	25
6048585	1,2,3,4,7,8-Hexa CDF	2019/04/02	107	72 - 134	108	72 - 134	0.465, EDL=0.167	pg/g	NC	25
6048585	1,2,3,6,7,8-Hexa CDD	2019/04/02	112	76 - 134	115	76 - 134	<0.433, EDL=0.433 (1)	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6048585	1,2,3,6,7,8-Hexa CDF	2019/04/02	107	84 - 130	113	84 - 130	0.397, EDL=0.175	pg/g	NC	25
6048585	1,2,3,7,8,9-Hexa CDD	2019/04/02	114	64 - 162	112	64 - 162	<0.443, EDL=0.443 (1)	pg/g	NC	25
6048585	1,2,3,7,8,9-Hexa CDF	2019/04/02	114	78 - 130	119	78 - 130	<0.332, EDL=0.332 (1)	pg/g	NC	25
6048585	1,2,3,7,8-Penta CDD	2019/04/02	101	25 - 181	109	25 - 181	<0.425, EDL=0.425 (1)	pg/g	NC	25
6048585	1,2,3,7,8-Penta CDF	2019/04/02	108	80 - 134	114	80 - 134	<0.442, EDL=0.442 (1)	pg/g	NC	25
6048585	2,3,4,6,7,8-Hexa CDF	2019/04/02	108	70 - 156	114	70 - 156	0.374, EDL=0.160	pg/g	NC	25
6048585	2,3,4,7,8-Penta CDF	2019/04/02	98	68 - 160	109	68 - 160	0.437, EDL=0.182	pg/g	NC	25
6048585	2,3,7,8-Tetra CDD	2019/04/02	91	67 - 158	95	67 - 158	<0.137, EDL=0.137	pg/g	NC	25
6048585	2,3,7,8-Tetra CDF	2019/04/02	95	75 - 158	105	75 - 158	<0.142, EDL=0.142	pg/g	NC	25
6048585	Octa CDD	2019/04/02	112	78 - 144	111	78 - 144	<1.39, EDL=1.39 (1)	pg/g	NC	25
6048585	Octa CDF	2019/04/02	123	63 - 170	122	63 - 170	1.36, EDL=0.356	pg/g	NC	25
6048585	Total Hepta CDD	2019/04/02					<0.494, EDL=0.494 (1)	pg/g	NC	25
6048585	Total Hepta CDF	2019/04/02					0.892, EDL=0.170	pg/g	NC	25
6048585	Total Hexa CDD	2019/04/02					<0.443, EDL=0.443 (1)	pg/g	NC	25
6048585	Total Hexa CDF	2019/04/02					1.60, EDL=0.168	pg/g	NC (1)	25
6048585	Total Penta CDD	2019/04/02					<0.425, EDL=0.425 (1)	pg/g	NC	25
6048585	Total Penta CDF	2019/04/02					0.437, EDL=0.188	pg/g	NC	25
6048585	Total Tetra CDD	2019/04/02					<0.137, EDL=0.137	pg/g	NC	25
6048585	Total Tetra CDF	2019/04/02					1.01, EDL=0.142	pg/g	6.3	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6053404	1,2,3,4,6,7,8-Hepta CDD	2019/04/06	115	70 - 140	114	70 - 140	0.0998, EDL=0.0712	pg/g	NC	25
6053404	1,2,3,4,6,7,8-Hepta CDF	2019/04/06	110	82 - 122	107	82 - 122	<0.109, EDL=0.109	pg/g	NC	25
6053404	1,2,3,4,7,8,9-Hepta CDF	2019/04/06	119	78 - 138	112	78 - 138	<0.104, EDL=0.104	pg/g	NC	25
6053404	1,2,3,4,7,8-Hexa CDD	2019/04/06	112	70 - 164	113	70 - 164	<0.0853, EDL=0.0853	pg/g	NC	25
6053404	1,2,3,4,7,8-Hexa CDF	2019/04/06	111	72 - 134	115	72 - 134	<0.0821, EDL=0.0821	pg/g	NC	25
6053404	1,2,3,6,7,8-Hexa CDD	2019/04/06	113	76 - 134	122	76 - 134	<0.0860, EDL=0.0860	pg/g	NC	25
6053404	1,2,3,6,7,8-Hexa CDF	2019/04/06	110	84 - 130	107	84 - 130	<0.0857, EDL=0.0857	pg/g	NC	25
6053404	1,2,3,7,8,9-Hexa CDD	2019/04/06	123	64 - 162	128	64 - 162	<0.0909, EDL=0.0909	pg/g	NC	25
6053404	1,2,3,7,8,9-Hexa CDF	2019/04/06	118	78 - 130	110	78 - 130	<0.0839, EDL=0.0839	pg/g	NC	25
6053404	1,2,3,7,8-Penta CDD	2019/04/06	105	25 - 181	103	25 - 181	<0.103, EDL=0.103	pg/g	NC	25
6053404	1,2,3,7,8-Penta CDF	2019/04/06	113	80 - 134	117	80 - 134	<0.101, EDL=0.101	pg/g	NC	25
6053404	2,3,4,6,7,8-Hexa CDF	2019/04/06	111	70 - 156	118	70 - 156	<0.0783, EDL=0.0783	pg/g	NC	25
6053404	2,3,4,7,8-Penta CDF	2019/04/06	109	68 - 160	112	68 - 160	<0.0937, EDL=0.0937	pg/g	NC	25
6053404	2,3,7,8-Tetra CDD	2019/04/06	94	67 - 158	93	67 - 158	<0.0958, EDL=0.0958	pg/g	NC	25
6053404	2,3,7,8-Tetra CDF	2019/04/06	104	75 - 158	106	75 - 158	<0.0870, EDL=0.0870	pg/g	NC	25
6053404	Octa CDD	2019/04/06	110	78 - 144	116	78 - 144	0.194, EDL=0.129	pg/g	NC	25
6053404	Octa CDF	2019/04/06	113	63 - 170	110	63 - 170	<0.108, EDL=0.108	pg/g	NC	25
6053404	Total Hepta CDD	2019/04/06					0.0998, EDL=0.0712	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6053404	Total Hepta CDF	2019/04/06					<0.106, EDL=0.106	pg/g	NC	25
6053404	Total Hexa CDD	2019/04/06					<0.0899, EDL=0.0899	pg/g	NC	25
6053404	Total Hexa CDF	2019/04/06					<0.0824, EDL=0.0824	pg/g	NC	25
6053404	Total Penta CDD	2019/04/06					<0.103, EDL=0.103	pg/g	NC	25
6053404	Total Penta CDF	2019/04/06					<0.0970, EDL=0.0970	pg/g	NC	25
6053404	Total Tetra CDD	2019/04/06					<0.0958, EDL=0.0958	pg/g	NC	25
6053404	Total Tetra CDF	2019/04/06					<0.0870, EDL=0.0870	pg/g	NC	25
6056927	1,2,3,4,6,7,8-Hepta CDD	2019/04/06	118	70 - 140	107	70 - 140	<0.315, EDL=0.315	pg/g		
6056927	1,2,3,4,6,7,8-Hepta CDF	2019/04/06	105	82 - 122	102	82 - 122	<0.199, EDL=0.199	pg/g		
6056927	1,2,3,4,7,8,9-Hepta CDF	2019/04/06	110	78 - 138	113	78 - 138	<0.189, EDL=0.189	pg/g		
6056927	1,2,3,4,7,8-Hexa CDD	2019/04/06	115	70 - 164	109	70 - 164	<0.178, EDL=0.178	pg/g		
6056927	1,2,3,4,7,8-Hexa CDF	2019/04/06	119	72 - 134	107	72 - 134	<0.163, EDL=0.163	pg/g		
6056927	1,2,3,6,7,8-Hexa CDD	2019/04/06	125	76 - 134	108	76 - 134	<0.180, EDL=0.180	pg/g		
6056927	1,2,3,6,7,8-Hexa CDF	2019/04/06	131 (21)	84 - 130	109	84 - 130	<0.170, EDL=0.170	pg/g		
6056927	1,2,3,7,8,9-Hexa CDD	2019/04/06	133	64 - 162	114	64 - 162	<0.190, EDL=0.190	pg/g		
6056927	1,2,3,7,8,9-Hexa CDF	2019/04/06	113	78 - 130	102	78 - 130	<0.166, EDL=0.166	pg/g		
6056927	1,2,3,7,8-Penta CDD	2019/04/06	110	25 - 181	97	25 - 181	<0.180, EDL=0.180	pg/g		
6056927	1,2,3,7,8-Penta CDF	2019/04/06	121	80 - 134	110	80 - 134	<0.208, EDL=0.208	pg/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6056927	2,3,4,6,7,8-Hexa CDF	2019/04/06	126	70 - 156	109	70 - 156	<0.155, EDL=0.155	pg/g		
6056927	2,3,4,7,8-Penta CDF	2019/04/06	114	68 - 160	102	68 - 160	<0.193, EDL=0.193	pg/g		
6056927	2,3,7,8-Tetra CDD	2019/04/06	101	67 - 158	86	67 - 158	<0.122, EDL=0.122	pg/g		
6056927	2,3,7,8-Tetra CDF	2019/04/06	115	75 - 158	102	75 - 158	<0.195, EDL=0.195	pg/g		
6056927	Octa CDD	2019/04/06	116	78 - 144	110	78 - 144	0.497, EDL=0.183	pg/g		
6056927	Octa CDF	2019/04/06	121	63 - 170	105	63 - 170	<0.206, EDL=0.206 (1)	pg/g		
6056927	Total Hepta CDD	2019/04/06					<0.315, EDL=0.315	pg/g		
6056927	Total Hepta CDF	2019/04/06					<0.194, EDL=0.194	pg/g		
6056927	Total Hexa CDD	2019/04/06					<0.188, EDL=0.188	pg/g		
6056927	Total Hexa CDF	2019/04/06					<0.163, EDL=0.163	pg/g		
6056927	Total Penta CDD	2019/04/06					<0.180, EDL=0.180	pg/g		
6056927	Total Penta CDF	2019/04/06					<0.646, EDL=0.646 (1)	pg/g		
6056927	Total Tetra CDD	2019/04/06					<0.122, EDL=0.122	pg/g		
6056927	Total Tetra CDF	2019/04/06					0.505, EDL=0.195	pg/g		
6058195	1,2,3,4,6,7,8-Hepta CDD	2019/04/08	131	70 - 140	126	70 - 140	<0.131, EDL=0.131	pg/g	NC	25
6058195	1,2,3,4,6,7,8-Hepta CDF	2019/04/08	117	82 - 122	115	82 - 122	<0.119, EDL=0.119	pg/g	NC	25
6058195	1,2,3,4,7,8,9-Hepta CDF	2019/04/08	140 (23)	78 - 138	125	78 - 138	<0.114, EDL=0.114	pg/g	NC	25
6058195	1,2,3,4,7,8-Hexa CDD	2019/04/08	130	70 - 164	131	70 - 164	<0.118, EDL=0.118	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6058195	1,2,3,4,7,8-Hexa CDF	2019/04/08	128	72 - 134	121	72 - 134	<0.117, EDL=0.117	pg/g	NC	25
6058195	1,2,3,6,7,8-Hexa CDD	2019/04/08	141 (23)	76 - 134	115	76 - 134	<0.114, EDL=0.114	pg/g	NC	25
6058195	1,2,3,6,7,8-Hexa CDF	2019/04/08	125	84 - 130	128	84 - 130	<0.116, EDL=0.116	pg/g	NC	25
6058195	1,2,3,7,8,9-Hexa CDD	2019/04/08	139	64 - 162	110	64 - 162	<0.113, EDL=0.113	pg/g	NC	25
6058195	1,2,3,7,8,9-Hexa CDF	2019/04/08	131 (23)	78 - 130	125	78 - 130	<0.119, EDL=0.119	pg/g	NC	25
6058195	1,2,3,7,8-Penta CDD	2019/04/08	122	25 - 181	113	25 - 181	<0.118, EDL=0.118	pg/g	NC	25
6058195	1,2,3,7,8-Penta CDF	2019/04/08	124	80 - 134	124	80 - 134	<0.121, EDL=0.121	pg/g	NC	25
6058195	2,3,4,6,7,8-Hexa CDF	2019/04/08	132	70 - 156	124	70 - 156	<0.111, EDL=0.111	pg/g	NC	25
6058195	2,3,4,7,8-Penta CDF	2019/04/08	117	68 - 160	114	68 - 160	<0.112, EDL=0.112	pg/g	NC	25
6058195	2,3,7,8-Tetra CDD	2019/04/08	112	67 - 158	108	67 - 158	<0.108, EDL=0.108	pg/g	NC	25
6058195	2,3,7,8-Tetra CDF	2019/04/08	123	75 - 158	113	75 - 158	<0.110, EDL=0.110	pg/g	NC	25
6058195	Octa CDD	2019/04/08	132	78 - 144	121	78 - 144	<0.220, EDL=0.220	pg/g	NC	25
6058195	Octa CDF	2019/04/08	119	63 - 170	110	63 - 170	<0.180, EDL=0.180	pg/g	NC	25
6058195	Total Hepta CDD	2019/04/08					<0.131, EDL=0.131	pg/g	NC	25
6058195	Total Hepta CDF	2019/04/08					<0.116, EDL=0.116	pg/g	NC	25
6058195	Total Hexa CDD	2019/04/08					<0.178, EDL=0.178 (1)	pg/g	NC (24)	25
6058195	Total Hexa CDF	2019/04/08					<0.115, EDL=0.115	pg/g	NC	25
6058195	Total Penta CDD	2019/04/08					<0.118, EDL=0.118	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6058195	Total Penta CDF	2019/04/08					<0.116, EDL=0.116	pg/g	NC	25
6058195	Total Tetra CDD	2019/04/08					<0.108, EDL=0.108	pg/g	NC	25
6058195	Total Tetra CDF	2019/04/08					<0.110, EDL=0.110	pg/g	NC	25
6059521	2,3-DiCB-(5)	2019/04/22					<0.00029	ng/g	NC	30
6059521	2,3'-DiCB-(6)	2019/04/22					<0.00025	ng/g	NC	30
6059521	2,4-DiCB-(7)	2019/04/22					<0.00025	ng/g	NC	30
6059521	2,4'-DiCB-(8)	2019/04/22					0.00106, RDL=0.0098	ng/g	NC	30
6059521	2,5-DiCB-(9)	2019/04/22					<0.00025	ng/g	NC	30
6059521	2,6-DiCB-(10)	2019/04/22					<0.00016	ng/g	NC	30
6059521	22'33'44'55'6-NonaCB-(206)	2019/04/22	74	50 - 150	96	50 - 150	0.00358, RDL=0.0098	ng/g	NC	30
6059521	22'33'44'55'-OctaCB-(194)	2019/04/22					0.00413, RDL=0.0098	ng/g	NC (1)	30
6059521	22'33'44'566'-NonaCB-(207)	2019/04/22					<0.00074	ng/g	NC	30
6059521	22'33'44'56-OctaCB-(195)	2019/04/22					0.00193, RDL=0.0098	ng/g	NC	30
6059521	22'33'44'56'-OctaCB-(196)	2019/04/22					0.00260, RDL=0.0098	ng/g	17	30
6059521	22'33'44'5-HeptaCB-(170)	2019/04/22	92	50 - 150	97	50 - 150	0.00717, RDL=0.0098	ng/g	7.6	30
6059521	22'33'44'66'OctaCB-(197)	2019/04/22					<0.00035 (1)	ng/g	NC	30
6059521	22'33'455'66'-NonaCB-(208)	2019/04/22	92	50 - 150	100	50 - 150	0.00177, RDL=0.0098	ng/g	NC	30
6059521	22'33'455'-HeptaCB-(172)	2019/04/22					0.00223, RDL=0.0098	ng/g	15	30
6059521	22'33'4566'-OctaCB-(200)	2019/04/22					0.00085, RDL=0.0098	ng/g	NC	30
6059521	22'33'45'66'-OctaCB-(201)	2019/04/22					0.00224, RDL=0.0098	ng/g	NC	30
6059521	22'33'456'-HeptaCB-(174)	2019/04/22					0.00677, RDL=0.0098	ng/g	13	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	22'33'45'6-HeptaCB-(175)	2019/04/22					<0.00042 (1)	ng/g	NC (1)	30
6059521	22'33'45'6'-HeptaCB-(177)	2019/04/22					0.00988, RDL=0.0098	ng/g	9.1	30
6059521	22'33'45'-HexaCB-(130)	2019/04/22					<0.0039 (1)	ng/g	9.5	30
6059521	22'33'466'-HeptaCB-(176)	2019/04/22					0.00201, RDL=0.0098	ng/g	NC	30
6059521	22'33'46-HexaCB-(131)	2019/04/22					<0.00093	ng/g	NC	30
6059521	22'33'46'-HexaCB-(132)	2019/04/22					0.00822, RDL=0.0098	ng/g	8.4	30
6059521	22'33'4-PentaCB-(82)	2019/04/22					<0.00056 (1)	ng/g	3.7	30
6059521	22'33'55'66'-OctaCB-(202)	2019/04/22	94	50 - 150	99	50 - 150	<0.0042 (1)	ng/g	18	30
6059521	22'33'55'6-HeptaCB-(178)	2019/04/22					0.00744, RDL=0.0098	ng/g	22	30
6059521	22'33'55'-HexaCB-(133)	2019/04/22					0.00268, RDL=0.0098	ng/g	29	30
6059521	22'33'566'-HeptaCB-(179)	2019/04/22					0.00782, RDL=0.0098	ng/g	13	30
6059521	22'33'66'-HexaCB-(136)	2019/04/22					0.00318, RDL=0.0098	ng/g	18	30
6059521	22'33'6-PentaCB-(84)	2019/04/22					0.00205, RDL=0.0098	ng/g	13	30
6059521	22'344'55'6-OctaCB-(203)	2019/04/22					0.00475, RDL=0.0098	ng/g	20	30
6059521	22'344'566'-OctaCB-(204)	2019/04/22					<0.00041	ng/g	NC	30
6059521	22'344'56-HeptaCB-(181)	2019/04/22					<0.00046	ng/g	NC	30
6059521	22'344'56'-HeptaCB-(182)	2019/04/22					<0.00020	ng/g	NC	30
6059521	22'344'5'6-HeptaCB-(183)	2019/04/22					<0.0046 (1)	ng/g	22	30
6059521	22'344'5-HexaCB-(137)	2019/04/22					0.00178, RDL=0.0098	ng/g	8.1	30
6059521	22'344'66'-HeptaCB-(184)	2019/04/22					<0.00016	ng/g	NC	30
6059521	22'3455'6-HeptaCB-(185)	2019/04/22					0.00285, RDL=0.0098	ng/g	13	30
6059521	22'34'55'6-HeptaCB-(187)	2019/04/22					0.0431, RDL=0.0098	ng/g	16	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	22'3455'-HexaCB-(141)	2019/04/22					0.00517, RDL=0.0098	ng/g	17	30
6059521	22'34'55'-HexaCB-(146)	2019/04/22					0.0199, RDL=0.0098	ng/g	11	30
6059521	22'34566'-HeptaCB-(186)	2019/04/22					<0.00017	ng/g	NC	30
6059521	22'34'566'-HeptaCB-(188)	2019/04/22	98	50 - 150	94	50 - 150	<0.00020	ng/g	NC	30
6059521	22'3456-HexaCB-(142)	2019/04/22					<0.00085	ng/g	NC	30
6059521	22'345'6-HexaCB-(144)	2019/04/22					0.00118, RDL=0.0098	ng/g	19	30
6059521	22'34'56'-HexaCB-(148)	2019/04/22					<0.00037	ng/g	NC	30
6059521	22'3466'-HexaCB-(145)	2019/04/22					<0.00029	ng/g	NC	30
6059521	22'34'66'-HexaCB-(150)	2019/04/22					<0.00030	ng/g	NC	30
6059521	22'346'-PentaCB-(89)	2019/04/22					<0.00046	ng/g	NC	30
6059521	22'34'-TetraCB-(42)	2019/04/22					<0.0014 (1)	ng/g	9.7	30
6059521	22'355'-PentaCB-(92)	2019/04/22					0.00712, RDL=0.0098	ng/g	13	30
6059521	22'3566'-HexaCB-(152)	2019/04/22					<0.00027	ng/g	NC	30
6059521	22'356'-PentaCB-(94)	2019/04/22					<0.00049	ng/g	NC	30
6059521	22'35'6-PentaCB-(95)	2019/04/22					0.0118, RDL=0.0098	ng/g	14	30
6059521	22'35-TetraCB-(43)	2019/04/22					<0.00074	ng/g	NC	30
6059521	22'366'-PentaCB-(96)	2019/04/22					<0.000086	ng/g	NC	30
6059521	22'36'-TetraCB-(46)	2019/04/22					<0.00071	ng/g	NC	30
6059521	22'3-TriCB-(16)	2019/04/22					<0.00080	ng/g	NC	30
6059521	22'44'56'-HexaCB-(154)	2019/04/22					0.00205, RDL=0.0098	ng/g	13	30
6059521	22'44'66'-HexaCB-(155)	2019/04/22	98	50 - 150	103	50 - 150	<0.00029	ng/g	NC	30
6059521	22'45'6-PentaCB-(103)	2019/04/22					<0.00041	ng/g	NC	30
6059521	22'45-TetraCB-(48)	2019/04/22					0.00117, RDL=0.0098	ng/g	5.4	30
6059521	22'466'-PentaCB-(104)	2019/04/22	97	50 - 150	98	50 - 150	<0.000082	ng/g	NC	30
6059521	22'4-TriCB-(17)	2019/04/22					<0.00052	ng/g	NC	30
6059521	22'55'-TetraCB-(52)	2019/04/22					0.0125, RDL=0.0098	ng/g	8.4	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	22'66'-TetraCB-(54)	2019/04/22	91	50 - 150	95	50 - 150	<0.000064	ng/g	NC	30
6059521	22'6-TriCB-(19)	2019/04/22	84	50 - 150	92	50 - 150	<0.00051	ng/g	NC	30
6059521	22'-DiCB-(4)	2019/04/22	101	50 - 150	98	50 - 150	<0.00020	ng/g	NC	30
6059521	233'44'55'6-OctaCB-(205)	2019/04/22	101	50 - 150	92	50 - 150	<0.00063	ng/g	NC	30
6059521	233'44'55'-HeptaCB-(189)	2019/04/22	91	50 - 150	99	50 - 150	<0.00018	ng/g	NC	30
6059521	233'44'56-HeptaCB-(190)	2019/04/22					0.00223, RDL=0.0098	ng/g	3.2	30
6059521	233'44'5'6-HeptaCB-(191)	2019/04/22					<0.00035	ng/g	NC (1)	30
6059521	233'44'6-HexaCB-(158)	2019/04/22					0.00289, RDL=0.0098	ng/g	8.7	30
6059521	233'44'-PentaCB-(105)	2019/04/22	109	50 - 150	105	50 - 150	0.0120, RDL=0.0098	ng/g	13	30
6059521	233'455'6-HeptaCB-(192)	2019/04/22					<0.00036	ng/g	NC	30
6059521	233'455'-HexaCB-(159)	2019/04/22					<0.00055	ng/g	NC	30
6059521	233'4'55'-HexaCB-(162)	2019/04/22					<0.00051	ng/g	NC	30
6059521	233'456-HexaCB-(160)	2019/04/22					<0.00057	ng/g	NC	30
6059521	233'45'6-HexaCB-(161)	2019/04/22					<0.00054	ng/g	NC	30
6059521	233'4'5'6-HexaCB-(164)	2019/04/22					0.00290, RDL=0.0098	ng/g	27	30
6059521	233'45-PentaCB-(106)	2019/04/22					<0.00039	ng/g	NC	30
6059521	233'4'5-PentaCB-(107)	2019/04/22					0.00312, RDL=0.0098	ng/g	5.8	30
6059521	233'4'5'-PentaCB-(122)	2019/04/22					<0.00044	ng/g	NC	30
6059521	233'4'-Tetra CB(56)	2019/04/22					0.00132, RDL=0.0098	ng/g	8.5	30
6059521	233'4-TetraCB-(55)	2019/04/22					<0.00035	ng/g	NC	30
6059521	233'55'6-HexaCB-(165)	2019/04/22					<0.00058	ng/g	NC	30
6059521	233'55'-PentaCB-(111)	2019/04/22					<0.00030	ng/g	NC	30
6059521	233'56-PentaCB-(112)	2019/04/22					<0.00029	ng/g	NC	30
6059521	233'5-TetraCB-(57)	2019/04/22					<0.00037	ng/g	NC	30
6059521	233'5'-TetraCB-(58)	2019/04/22					<0.00035	ng/g	NC	30
6059521	23'44'55'-HexaCB-(167)	2019/04/22	95	50 - 150	96	50 - 150	0.00246, RDL=0.0098	ng/g	6.2	30
6059521	2344'5-PentaCB-(114)	2019/04/22	101	50 - 150	92	50 - 150	<0.00074 (1)	ng/g	9.8	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	23'44'5-PentaCB-(118)	2019/04/22	131	50 - 150	126	50 - 150	0.0342, RDL=0.0098	ng/g	7.7	30
6059521	23'44'5'-PentaCB-(123)	2019/04/22	105	50 - 150	98	50 - 150	<0.00068 (1)	ng/g	1.0	30
6059521	2344'-TetraCB -(60)	2019/04/22					0.00318, RDL=0.0098	ng/g	9.8	30
6059521	23'44'-TetraCB-(66)	2019/04/22					0.0122, RDL=0.0098	ng/g	9.3	30
6059521	23'455'-PentaCB-(120)	2019/04/22					<0.00028	ng/g	NC	30
6059521	23'45'6-PentaCB-(121)	2019/04/22					<0.00032	ng/g	NC	30
6059521	234'5-TetraCB-(63)	2019/04/22					0.00087, RDL=0.0098	ng/g	1.9	30
6059521	23'45-TetraCB-(67)	2019/04/22					<0.00032	ng/g	NC (1)	30
6059521	23'45'-TetraCB-(68)	2019/04/22					<0.00032	ng/g	NC	30
6059521	234'6-TetraCB-(64)	2019/04/22					0.00389, RDL=0.0098	ng/g	11	30
6059521	234'-TriCB-(22)	2019/04/22					0.00116, RDL=0.0098	ng/g	NC	30
6059521	23'4-TriCB-(25)	2019/04/22					<0.00037	ng/g	NC	30
6059521	23'55'-TetraCB-(72)	2019/04/22					<0.00037	ng/g	NC	30
6059521	23'5'6-TetraCB-(73)	2019/04/22					<0.00052	ng/g	NC	30
6059521	235-TriCB-(23)	2019/04/22	88	50 - 150			<0.00043	ng/g	NC	30
6059521	23'5'-TriCB-(34)	2019/04/22	90	50 - 150			<0.00042	ng/g	NC	30
6059521	236-TriCB-(24)	2019/04/22					<0.00038	ng/g	NC	30
6059521	23'6-TriCB-(27)	2019/04/22					<0.00037	ng/g	NC	30
6059521	24'5-TriCB-(31)	2019/04/22					0.00412, RDL=0.0098	ng/g	8.5	30
6059521	24'6-TriCB-(32)	2019/04/22					<0.00035	ng/g	NC (1)	30
6059521	2-MonoCB-(1)	2019/04/22	103	50 - 150	95	50 - 150	<0.00017	ng/g	NC	30
6059521	3,3'-DiCB-(11)	2019/04/22					0.00208, RDL=0.0098	ng/g	NC	30
6059521	3,5-DiCB-(14)	2019/04/22					<0.00026	ng/g	NC	30
6059521	33'44'55'-HexaCB-(169)	2019/04/22	91	50 - 150	86	50 - 150	<0.00056	ng/g	NC	30
6059521	33'44'5-PentaCB-(126)	2019/04/22	96	50 - 150	89	50 - 150	<0.00039	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	33'44'-TetraCB-(77)	2019/04/22	94	50 - 150	91	50 - 150	0.00096, RDL=0.0098	ng/g	17	30
6059521	33'455'-PentaCB-(127)	2019/04/22					<0.00037	ng/g	NC	30
6059521	33'45-TetraCB-(78)	2019/04/22					<0.00034	ng/g	NC	30
6059521	33'45'-TetraCB(79)	2019/04/22					<0.00029	ng/g	NC	30
6059521	33'4-TriCB-(35)	2019/04/22					<0.00037	ng/g	NC	30
6059521	33'55'-TetraCB-(80)	2019/04/22					<0.00029	ng/g	NC	30
6059521	33'5-TriCB-(36)	2019/04/22					<0.00033	ng/g	NC	30
6059521	344'5-TetraCB-(81)	2019/04/22	97	50 - 150	91	50 - 150	<0.00038	ng/g	NC	30
6059521	344'-TriCB-(37)	2019/04/22	95	50 - 150	89	50 - 150	<0.0013 (1)	ng/g	0.088	30
6059521	345-TriCB-(38)	2019/04/22					<0.00036	ng/g	NC	30
6059521	34'5-TriCB-(39)	2019/04/22					<0.00034	ng/g	NC	30
6059521	3-MonoCB-(2)	2019/04/22					<0.00014	ng/g	NC	30
6059521	4,4'-DiCB-(15)	2019/04/22	98	50 - 150	90	50 - 150	<0.00087 (1)	ng/g	NC	30
6059521	4-MonoCB-(3)	2019/04/22	96	50 - 150	84	50 - 150	<0.00031 (1)	ng/g	NC	30
6059521	DecaCB-(209)	2019/04/22	94	50 - 150	104	50 - 150	<0.0023 (1)	ng/g	NC	30
6059521	DiCB-(12)+(13)	2019/04/22					<0.00024	ng/g	NC	30
6059521	HeptaCB-(171)+(173)	2019/04/22					<0.0036 (1)	ng/g	22	30
6059521	HeptaCB-(180)+(193)	2019/04/22	77	50 - 150	97	50 - 150	0.0229, RDL=0.020	ng/g	14	30
6059521	HexaCB-(128)+(166)	2019/04/22					0.0106, RDL=0.020	ng/g	6.4	30
6059521	HexaCB-(129)+(138)+(163)	2019/04/22					0.0784, RDL=0.029	ng/g	8.8	30
6059521	HexaCB-(134)+(143)	2019/04/22					0.00198, RDL=0.020	ng/g	NC	30
6059521	HexaCB-(135)+(151)	2019/04/22					0.0191, RDL=0.020	ng/g	14	30
6059521	HexaCB-(139)+(140)	2019/04/22					0.00083, RDL=0.020	ng/g	NC	30
6059521	HexaCB-(147)+(149)	2019/04/22					0.0539, RDL=0.020	ng/g	11	30
6059521	HexaCB-(153)+(168)	2019/04/22					0.0849, RDL=0.0098	ng/g	9.3	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	HexaCB-(156)+(157)	2019/04/22	94	50 - 150	96	50 - 150	0.00481, RDL=0.020	ng/g	7.2	30
6059521	OctaCB-(198)+(199)	2019/04/22					0.00740, RDL=0.020	ng/g	7.4	30
6059521	PentaCB-(108)+(124)	2019/04/22					0.00105, RDL=0.020	ng/g	6.7	30
6059521	PentaCB-(110)+(115)	2019/04/22					0.0218, RDL=0.020	ng/g	12	30
6059521	PentaCB-(83)+(99)	2019/04/22					0.0348, RDL=0.020	ng/g	14	30
6059521	PentaCB-(85)+(116)+(117)	2019/04/22					0.00596, RDL=0.029	ng/g	14	30
6059521	PentaCB-(86)(87)(97)(109)(119)(125)	2019/04/22					0.0121, RDL=0.059	ng/g	11	30
6059521	PentaCB-(88)+(91)	2019/04/22					0.00245, RDL=0.020	ng/g	9.7	30
6059521	PentaCB-(90)+(101)+(113)	2019/04/22					0.0376, RDL=0.029	ng/g	12	30
6059521	PentaCB-(93)+(98)+(100)+(102)	2019/04/22					<0.00044	ng/g	NC	30
6059521	TetraCB-(40)+(41)+(71)	2019/04/22					0.00147, RDL=0.029	ng/g	NC	30
6059521	TetraCB-(44)+(47)+(65)	2019/04/22					0.00911, RDL=0.029	ng/g	11	30
6059521	TetraCB-(45)+(51)	2019/04/22					<0.00064	ng/g	NC	30
6059521	TetraCB-(49)+TetraCB-(69)	2019/04/22					0.00475, RDL=0.020	ng/g	14	30
6059521	TetraCB-(50)+(53)	2019/04/22					<0.00063	ng/g	NC	30
6059521	TetraCB-(59)+(62)+(75)	2019/04/22					0.00067, RDL=0.029	ng/g	NC	30
6059521	TetraCB-(61)+(70)+(74)+(76)	2019/04/22					0.0198, RDL=0.039	ng/g	9.2	30
6059521	TriCB-(18)+(30)	2019/04/22					0.00157, RDL=0.020	ng/g	NC	30
6059521	TriCB-(20) + (28)	2019/04/22					0.00717, RDL=0.020	ng/g	10	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6059521	TriCB-(21)+(33)	2019/04/22					<0.00062 (1)	ng/g	NC	30
6059521	TriCB-(26)+(29)	2019/04/22					<0.00039	ng/g	8.9	30
6063796	1,2,3,4,6,7,8-Hepta CDD	2019/04/12			126	70 - 140	<0.128, EDL=0.128	pg/g		
6063796	1,2,3,4,6,7,8-Hepta CDF	2019/04/12			110	82 - 122	<0.129, EDL=0.129	pg/g		
6063796	1,2,3,4,7,8,9-Hepta CDF	2019/04/12			120	78 - 138	<0.123, EDL=0.123	pg/g		
6063796	1,2,3,4,7,8-Hexa CDD	2019/04/12			129	70 - 164	<0.105, EDL=0.105	pg/g		
6063796	1,2,3,4,7,8-Hexa CDF	2019/04/12			121	72 - 134	<0.130, EDL=0.130	pg/g		
6063796	1,2,3,6,7,8-Hexa CDD	2019/04/12			127	76 - 134	<0.106, EDL=0.106	pg/g		
6063796	1,2,3,6,7,8-Hexa CDF	2019/04/12			123	84 - 130	<0.136, EDL=0.136	pg/g		
6063796	1,2,3,7,8,9-Hexa CDD	2019/04/12			144	64 - 162	<0.112, EDL=0.112	pg/g		
6063796	1,2,3,7,8,9-Hexa CDF	2019/04/12			118	78 - 130	<0.133, EDL=0.133	pg/g		
6063796	1,2,3,7,8-Penta CDD	2019/04/12			117	25 - 181	<0.138, EDL=0.138	pg/g		
6063796	1,2,3,7,8-Penta CDF	2019/04/12			129	80 - 134	<0.159, EDL=0.159	pg/g		
6063796	2,3,4,6,7,8-Hexa CDF	2019/04/12			132	70 - 156	<0.124, EDL=0.124	pg/g		
6063796	2,3,4,7,8-Penta CDF	2019/04/12			124	68 - 160	<0.148, EDL=0.148	pg/g		
6063796	2,3,7,8-Tetra CDD	2019/04/12			117	67 - 158	<0.152, EDL=0.152	pg/g		
6063796	2,3,7,8-Tetra CDF	2019/04/12			123	75 - 158	<0.124, EDL=0.124	pg/g		
6063796	Octa CDD	2019/04/12			119	78 - 144	<0.121, EDL=0.121	pg/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6063796	Octa CDF	2019/04/12			113	63 - 170	<0.111, EDL=0.111	pg/g		
6063796	Total Hepta CDD	2019/04/12					<0.128, EDL=0.128	pg/g		
6063796	Total Hepta CDF	2019/04/12					<0.126, EDL=0.126	pg/g		
6063796	Total Hexa CDD	2019/04/12					<0.111, EDL=0.111	pg/g		
6063796	Total Hexa CDF	2019/04/12					<0.131, EDL=0.131	pg/g		
6063796	Total Penta CDD	2019/04/12					<0.138, EDL=0.138	pg/g		
6063796	Total Penta CDF	2019/04/12					<0.154, EDL=0.154	pg/g		
6063796	Total Tetra CDD	2019/04/12					<0.152, EDL=0.152	pg/g		
6063796	Total Tetra CDF	2019/04/12					<0.124, EDL=0.124	pg/g		
6065797	1,2,3,4,6,7,8-Hepta CDD	2019/04/11	130	70 - 140	115	70 - 140	<0.552, EDL=0.552	pg/g		
6065797	1,2,3,4,6,7,8-Hepta CDF	2019/04/11	112	82 - 122	100	82 - 122	<0.654, EDL=0.654	pg/g		
6065797	1,2,3,4,7,8,9-Hepta CDF	2019/04/11	126	78 - 138	114	78 - 138	<0.623, EDL=0.623	pg/g		
6065797	1,2,3,4,7,8-Hexa CDD	2019/04/11	123	70 - 164	118	70 - 164	<0.623, EDL=0.623	pg/g		
6065797	1,2,3,4,7,8-Hexa CDF	2019/04/11	123	72 - 134	111	72 - 134	<0.445, EDL=0.445	pg/g		
6065797	1,2,3,6,7,8-Hexa CDD	2019/04/11	133	76 - 134	117	76 - 134	<0.629, EDL=0.629	pg/g		
6065797	1,2,3,6,7,8-Hexa CDF	2019/04/11	125	84 - 130	117	84 - 130	<0.464, EDL=0.464	pg/g		
6065797	1,2,3,7,8,9-Hexa CDD	2019/04/11	138	64 - 162	126	64 - 162	<0.664, EDL=0.664	pg/g		
6065797	1,2,3,7,8,9-Hexa CDF	2019/04/11	129	78 - 130	123	78 - 130	<0.454, EDL=0.454	pg/g		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6065797	1,2,3,7,8-Penta CDD	2019/04/11	111	25 - 181	109	25 - 181	<0.528, EDL=0.528	pg/g		
6065797	1,2,3,7,8-Penta CDF	2019/04/11	131	80 - 134	120	80 - 134	<0.657, EDL=0.657	pg/g		
6065797	2,3,4,6,7,8-Hexa CDF	2019/04/11	125	70 - 156	114	70 - 156	<0.424, EDL=0.424	pg/g		
6065797	2,3,4,7,8-Penta CDF	2019/04/11	119	68 - 160	110	68 - 160	<0.612, EDL=0.612	pg/g		
6065797	2,3,7,8-Tetra CDD	2019/04/11	114	67 - 158	102	67 - 158	<0.413, EDL=0.413	pg/g		
6065797	2,3,7,8-Tetra CDF	2019/04/11	123	75 - 158	109	75 - 158	<0.369, EDL=0.369	pg/g		
6065797	Octa CDD	2019/04/11	118	78 - 144	110	78 - 144	<4.90, EDL=4.90 (1)	pg/g		
6065797	Octa CDF	2019/04/11	111	63 - 170	106	63 - 170	<0.670, EDL=0.670	pg/g		
6065797	Total Hepta CDD	2019/04/11					2.81, EDL=0.552	pg/g		
6065797	Total Hepta CDF	2019/04/11					<0.638, EDL=0.638	pg/g		
6065797	Total Hexa CDD	2019/04/11					<0.657, EDL=0.657	pg/g		
6065797	Total Hexa CDF	2019/04/11					<0.446, EDL=0.446	pg/g		
6065797	Total Penta CDD	2019/04/11					<0.528, EDL=0.528	pg/g		
6065797	Total Penta CDF	2019/04/11					<0.634, EDL=0.634	pg/g		
6065797	Total Tetra CDD	2019/04/11					<0.413, EDL=0.413	pg/g		
6065797	Total Tetra CDF	2019/04/11					<0.369, EDL=0.369	pg/g		
6068347	1,2,3,4,6,7,8-Hepta CDD	2019/04/12			126	70 - 140	<0.128, EDL=0.128	pg/g		
6068347	1,2,3,4,6,7,8-Hepta CDF	2019/04/12			110	82 - 122	<0.129, EDL=0.129	pg/g		

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6068347	1,2,3,4,7,8,9-Hepta CDF	2019/04/12			120	78 - 138	<0.123, EDL=0.123	pg/g		
6068347	1,2,3,4,7,8-Hexa CDD	2019/04/12			129	70 - 164	<0.105, EDL=0.105	pg/g		
6068347	1,2,3,4,7,8-Hexa CDF	2019/04/12			121	72 - 134	<0.130, EDL=0.130	pg/g		
6068347	1,2,3,6,7,8-Hexa CDD	2019/04/12			127	76 - 134	<0.106, EDL=0.106	pg/g		
6068347	1,2,3,6,7,8-Hexa CDF	2019/04/12			123	84 - 130	<0.136, EDL=0.136	pg/g		
6068347	1,2,3,7,8,9-Hexa CDD	2019/04/12			144	64 - 162	<0.112, EDL=0.112	pg/g		
6068347	1,2,3,7,8,9-Hexa CDF	2019/04/12			118	78 - 130	<0.133, EDL=0.133	pg/g		
6068347	1,2,3,7,8-Penta CDD	2019/04/12			117	25 - 181	<0.138, EDL=0.138	pg/g		
6068347	1,2,3,7,8-Penta CDF	2019/04/12			129	80 - 134	<0.159, EDL=0.159	pg/g		
6068347	2,3,4,6,7,8-Hexa CDF	2019/04/12			132	70 - 156	<0.124, EDL=0.124	pg/g		
6068347	2,3,4,7,8-Penta CDF	2019/04/12			124	68 - 160	<0.148, EDL=0.148	pg/g		
6068347	2,3,7,8-Tetra CDD	2019/04/12			117	67 - 158	<0.152, EDL=0.152	pg/g		
6068347	2,3,7,8-Tetra CDF	2019/04/12			123	75 - 158	<0.124, EDL=0.124	pg/g		
6068347	Octa CDD	2019/04/12			119	78 - 144	<0.121, EDL=0.121	pg/g		
6068347	Octa CDF	2019/04/12			113	63 - 170	<0.111, EDL=0.111	pg/g		
6068347	Total Hepta CDD	2019/04/12					<0.128, EDL=0.128	pg/g		
6068347	Total Hepta CDF	2019/04/12					<0.126, EDL=0.126	pg/g		
6068347	Total Hexa CDD	2019/04/12					<0.111, EDL=0.111	pg/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6068347	Total Hexa CDF	2019/04/12					<0.131, EDL=0.131	pg/g		
6068347	Total Penta CDD	2019/04/12					<0.138, EDL=0.138	pg/g		
6068347	Total Penta CDF	2019/04/12					<0.154, EDL=0.154	pg/g		
6068347	Total Tetra CDD	2019/04/12					<0.152, EDL=0.152	pg/g		
6068347	Total Tetra CDF	2019/04/12					<0.124, EDL=0.124	pg/g		
6069287	Acenaphthene	2019/04/16	102	50 - 150	109	60 - 140	<0.23	ng/g	NC	50
6069287	Acenaphthylene	2019/04/16	89	50 - 150	102	60 - 140	<0.19	ng/g	NC	50
6069287	Anthracene	2019/04/16	83	50 - 150	104	60 - 140	<0.20	ng/g	NC	50
6069287	Benzo(a)anthracene	2019/04/16	76	50 - 150	90	60 - 140	<0.071	ng/g	NC	50
6069287	Benzo(a)pyrene	2019/04/16	102	50 - 150	98	60 - 140	<0.18	ng/g	NC	50
6069287	Benzo(b/j)fluoranthene	2019/04/16	88	50 - 150	103	60 - 140	<0.13	ng/g	NC	50
6069287	Benzo(g,h,i)perylene	2019/04/16	94	50 - 150	105	60 - 140	<0.089	ng/g	NC	50
6069287	Benzo(k)fluoranthene	2019/04/16	78	50 - 150	96	60 - 140	<0.12	ng/g	NC	50
6069287	Chrysene	2019/04/16	78	50 - 150	82	60 - 140	<0.078	ng/g	NC	50
6069287	Dibenz(a,h)anthracene	2019/04/16	81	50 - 150	94	60 - 140	0.106, RDL=0.49	ng/g	NC	50
6069287	Fluoranthene	2019/04/16	87	50 - 150	96	60 - 140	<0.14	ng/g	NC	50
6069287	Fluorene	2019/04/16	69	50 - 150	127	60 - 140	0.53, RDL=0.49	ng/g	NC	50
6069287	Indeno(1,2,3-cd)pyrene	2019/04/16	93	50 - 150	94	60 - 140	<0.075	ng/g	NC	50
6069287	Naphthalene	2019/04/16	87	50 - 150	242 (27)	60 - 140	1.32, RDL=0.49	ng/g	NC	50
6069287	Phenanthrene	2019/04/16	88	50 - 150	107	60 - 140	0.21, RDL=0.49	ng/g	NC	50
6069287	Pyrene	2019/04/16	91	50 - 150	95	60 - 140	<0.14	ng/g	NC	50
6069832	Acenaphthene	2019/04/18	99	50 - 150	117	60 - 140	<0.17	ng/g	NC	50
6069832	Acenaphthylene	2019/04/18	107	50 - 150	131	60 - 140	<0.21	ng/g	NC	50
6069832	Anthracene	2019/04/18	92	50 - 150	122	60 - 140	<0.089	ng/g	NC	50
6069832	Benzo(a)anthracene	2019/04/18	72	50 - 150	104	60 - 140	<0.12	ng/g	NC	50
6069832	Benzo(a)pyrene	2019/04/18	81	50 - 150	114	60 - 140	<0.14	ng/g	NC	50
6069832	Benzo(b/j)fluoranthene	2019/04/18	87	50 - 150	124	60 - 140	<0.097	ng/g	NC	50
6069832	Benzo(g,h,i)perylene	2019/04/18	86	50 - 150	107	60 - 140	<0.066	ng/g	NC	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6069832	Benzo(k)fluoranthene	2019/04/18	71	50 - 150	114	60 - 140	<0.092	ng/g	NC	50
6069832	Chrysene	2019/04/18	89	50 - 150	108	60 - 140	<0.13	ng/g	NC	50
6069832	Dibenz(a,h)anthracene	2019/04/18	79	50 - 150	109	60 - 140	0.044, RDL=0.50	ng/g	NC	50
6069832	Fluoranthene	2019/04/18	106	50 - 150	134	60 - 140	0.15, RDL=0.50	ng/g	NC	50
6069832	Fluorene	2019/04/18	114	50 - 150	159 (3)	60 - 140	0.27, RDL=0.50	ng/g	NC	50
6069832	Indeno(1,2,3-cd)pyrene	2019/04/18	77	50 - 150	107	60 - 140	<0.052	ng/g	NC	50
6069832	Naphthalene	2019/04/18	138	50 - 150	189 (29)	60 - 140	0.92, RDL=0.50	ng/g	41	50
6069832	Phenanthrene	2019/04/18	97	50 - 150	143 (3)	60 - 140	0.301, RDL=0.50	ng/g	NC	50
6069832	Pyrene	2019/04/18	113	50 - 150	145 (3)	60 - 140	0.12, RDL=0.50	ng/g	NC	50
6071630	2,3-DiCB-(5)	2019/04/16					<0.00049	ng/g	NC	30
6071630	2,3'-DiCB-(6)	2019/04/16					<0.00045	ng/g	NC	30
6071630	2,4-DiCB-(7)	2019/04/16					<0.00043	ng/g	NC	30
6071630	2,4'-DiCB-(8)	2019/04/16					<0.0015 (1)	ng/g	NC	30
6071630	2,5-DiCB-(9)	2019/04/16					<0.00045	ng/g	NC	30
6071630	2,6-DiCB-(10)	2019/04/16					<0.00036	ng/g	NC	30
6071630	22'33'44'55'6-NonaCB-(206)	2019/04/16	86	50 - 150	103	50 - 150	<0.012 (1)	ng/g	NC	30
6071630	22'33'44'55'-OctaCB-(194)	2019/04/16					0.0271, RDL=0.0099	ng/g	NC (1)	30
6071630	22'33'44'566'-NonaCB-(207)	2019/04/16					<0.0013	ng/g	NC	30
6071630	22'33'44'56-OctaCB-(195)	2019/04/16					0.0103, RDL=0.0099	ng/g	NC	30
6071630	22'33'44'56'-OctaCB-(196)	2019/04/16					0.0165, RDL=0.0099	ng/g	NC	30
6071630	22'33'44'5-HeptaCB-(170)	2019/04/16	89	50 - 150	131	50 - 150	0.0429, RDL=0.0099	ng/g	NC	30
6071630	22'33'44'66'OctaCB-(197)	2019/04/16					<0.0022 (1)	ng/g	NC	30
6071630	22'33'455'66'-NonaCB-(208)	2019/04/16	87	50 - 150	98	50 - 150	0.0057, RDL=0.0099	ng/g	NC	30
6071630	22'33'455'-HeptaCB-(172)	2019/04/16					0.0133, RDL=0.0099	ng/g	NC	30
6071630	22'33'4566'-OctaCB-(200)	2019/04/16					<0.0030 (1)	ng/g	NC	30
6071630	22'33'45'66'-OctaCB-(201)	2019/04/16					0.0102, RDL=0.0099	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	22'33'456'-HeptaCB-(174)	2019/04/16					0.0344, RDL=0.0099	ng/g	NC	30
6071630	22'33'45'6-HeptaCB-(175)	2019/04/16					<0.0010	ng/g	NC	30
6071630	22'33'45'6'-HeptaCB-(177)	2019/04/16					0.0611, RDL=0.0099	ng/g	17 (1)	30
6071630	22'33'45'-HexaCB-(130)	2019/04/16					0.0202, RDL=0.0099	ng/g	NC	30
6071630	22'33'466'-HeptaCB-(176)	2019/04/16					0.00716, RDL=0.0099	ng/g	NC	30
6071630	22'33'46-HexaCB-(131)	2019/04/16					<0.0016	ng/g	NC	30
6071630	22'33'46'-HexaCB-(132)	2019/04/16					0.0347, RDL=0.0099	ng/g	0.25	30
6071630	22'33'4-PentaCB-(82)	2019/04/16					0.0050, RDL=0.0099	ng/g	NC	30
6071630	22'33'55'66'-OctaCB-(202)	2019/04/16	91	50 - 150	118	50 - 150	0.0219, RDL=0.0099	ng/g	NC (1)	30
6071630	22'33'55'6-HeptaCB-(178)	2019/04/16					0.0380, RDL=0.0099	ng/g	NC (1)	30
6071630	22'33'55'-HexaCB-(133)	2019/04/16					0.0111, RDL=0.0099	ng/g	NC	30
6071630	22'33'566'-HeptaCB-(179)	2019/04/16					0.0312, RDL=0.0099	ng/g	NC	30
6071630	22'33'66'-HexaCB-(136)	2019/04/16					0.0111, RDL=0.0099	ng/g	NC	30
6071630	22'33'6-PentaCB-(84)	2019/04/16					0.0091, RDL=0.0099	ng/g	7.8	30
6071630	22'344'55'6-OctaCB-(203)	2019/04/16					0.0287, RDL=0.0099	ng/g	NC	30
6071630	22'344'566'-OctaCB-(204)	2019/04/16					<0.00088	ng/g	NC	30
6071630	22'344'56-HeptaCB-(181)	2019/04/16					<0.0016	ng/g	NC	30
6071630	22'344'56'-HeptaCB-(182)	2019/04/16					<0.0010	ng/g	NC	30
6071630	22'344'5'6-HeptaCB-(183)	2019/04/16					0.0200, RDL=0.0099	ng/g	NC	30
6071630	22'344'5-HexaCB-(137)	2019/04/16					0.0120, RDL=0.0099	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	22'344'66'-HeptaCB-(184)	2019/04/16					<0.00072	ng/g	NC	30
6071630	22'3455'6-HeptaCB-(185)	2019/04/16					0.0190, RDL=0.0099	ng/g	NC	30
6071630	22'34'55'6-HeptaCB-(187)	2019/04/16					0.200, RDL=0.0099	ng/g	1.7	30
6071630	22'3455'-HexaCB-(141)	2019/04/16					0.0217, RDL=0.0099	ng/g	3.0	30
6071630	22'34'55'-HexaCB-(146)	2019/04/16					0.0887, RDL=0.0099	ng/g	4.1	30
6071630	22'34566'-HeptaCB-(186)	2019/04/16					<0.00081	ng/g	NC	30
6071630	22'34'566'-HeptaCB-(188)	2019/04/16	95	50 - 150	94	50 - 150	0.00119, RDL=0.0099	ng/g	NC	30
6071630	22'3456-HexaCB-(142)	2019/04/16					<0.0016	ng/g	NC	30
6071630	22'345'6-HexaCB-(144)	2019/04/16					0.0059, RDL=0.0099	ng/g	NC	30
6071630	22'34'56'-HexaCB-(148)	2019/04/16					<0.0010	ng/g	NC	30
6071630	22'3466'-HexaCB-(145)	2019/04/16					<0.00081	ng/g	NC	30
6071630	22'34'66'-HexaCB-(150)	2019/04/16					<0.00080	ng/g	NC	30
6071630	22'346'-PentaCB-(89)	2019/04/16					<0.0011	ng/g	NC	30
6071630	22'34'-TetraCB-(42)	2019/04/16					<0.0054 (1)	ng/g	NC	30
6071630	22'355'-PentaCB-(92)	2019/04/16					0.0303, RDL=0.0099	ng/g	25	30
6071630	22'3566'-HexaCB-(152)	2019/04/16					<0.00075	ng/g	NC	30
6071630	22'356'-PentaCB-(94)	2019/04/16					<0.0011	ng/g	NC	30
6071630	22'35'6-PentaCB-(95)	2019/04/16					0.0407, RDL=0.0099	ng/g	9.6	30
6071630	22'35-TetraCB-(43)	2019/04/16					<0.0014	ng/g	NC	30
6071630	22'366'-PentaCB-(96)	2019/04/16					<0.00012	ng/g	NC	30
6071630	22'36'-TetraCB-(46)	2019/04/16					<0.0014	ng/g	NC	30
6071630	22'3-TriCB-(16)	2019/04/16					<0.0012	ng/g	NC	30
6071630	22'44'56'-HexaCB-(154)	2019/04/16					0.00876, RDL=0.0099	ng/g	NC	30
6071630	22'44'66'-HexaCB-(155)	2019/04/16	92	50 - 150	91	50 - 150	<0.00086	ng/g	NC	30
6071630	22'45'6-PentaCB-(103)	2019/04/16					<0.0016 (1)	ng/g	NC	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	22'45-TetraCB-(48)	2019/04/16					<0.0033 (1)	ng/g	NC	30
6071630	22'466'-PentaCB-(104)	2019/04/16	91	50 - 150	94	50 - 150	<0.00012	ng/g	NC	30
6071630	22'4-TriCB-(17)	2019/04/16					0.0013, RDL=0.0099	ng/g	NC	30
6071630	22'55'-TetraCB-(52)	2019/04/16					0.0461, RDL=0.0099	ng/g	4.6	30
6071630	22'66'-TetraCB-(54)	2019/04/16	90	50 - 150	93	50 - 150	<0.00029	ng/g	NC	30
6071630	22'6-TriCB-(19)	2019/04/16	92	50 - 150	93	50 - 150	<0.0011	ng/g	NC	30
6071630	22'-DiCB-(4)	2019/04/16	97	50 - 150	98	50 - 150	<0.00048	ng/g	NC	30
6071630	233'44'55'6-OctaCB-(205)	2019/04/16	90	50 - 150	100	50 - 150	<0.0014	ng/g	NC	30
6071630	233'44'55'-HeptaCB-(189)	2019/04/16	95	50 - 150	96	50 - 150	0.0029, RDL=0.0099	ng/g	NC	30
6071630	233'44'56-HeptaCB-(190)	2019/04/16					0.0123, RDL=0.0099	ng/g	NC (1)	30
6071630	233'44'5'6-HeptaCB-(191)	2019/04/16					0.0022, RDL=0.0099	ng/g	NC	30
6071630	233'44'6-HexaCB-(158)	2019/04/16					0.0137, RDL=0.0099	ng/g	1.9	30
6071630	233'44'-PentaCB-(105)	2019/04/16	92	50 - 150	160 (3)	50 - 150	0.0598, RDL=0.0099	ng/g	6.8	30
6071630	233'455'6-HeptaCB-(192)	2019/04/16					<0.0014	ng/g	NC	30
6071630	233'455'-HexaCB-(159)	2019/04/16					<0.0016 (1)	ng/g	NC	30
6071630	233'4'55'-HexaCB-(162)	2019/04/16					0.0020, RDL=0.0099	ng/g	NC	30
6071630	233'456-HexaCB-(160)	2019/04/16					<0.0012	ng/g	NC	30
6071630	233'45'6-HexaCB-(161)	2019/04/16					<0.0011	ng/g	NC	30
6071630	233'4'5'6-HexaCB-(164)	2019/04/16					0.0107, RDL=0.0099	ng/g	NC	30
6071630	233'45-PentaCB-(106)	2019/04/16					<0.00093	ng/g	NC (1)	30
6071630	233'4'5-PentaCB-(107)	2019/04/16					0.0152, RDL=0.0099	ng/g	NC	30
6071630	233'4'5'-PentaCB-(122)	2019/04/16					<0.0010	ng/g	NC	30
6071630	233'4'-Tetra CB(56)	2019/04/16					0.00792, RDL=0.0099	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	233'4-TetraCB-(55)	2019/04/16					<0.00087	ng/g	NC	30
6071630	233'55'6-HexaCB-(165)	2019/04/16					<0.0011	ng/g	NC	30
6071630	233'55'-PentaCB-(111)	2019/04/16					<0.00078	ng/g	NC	30
6071630	233'56-PentaCB-(112)	2019/04/16					<0.00078	ng/g	NC	30
6071630	233'5-TetraCB-(57)	2019/04/16					<0.00087	ng/g	NC	30
6071630	233'5'-TetraCB-(58)	2019/04/16					<0.00083	ng/g	NC	30
6071630	23'44'55'-HexaCB-(167)	2019/04/16	91	50 - 150	105	50 - 150	0.0121, RDL=0.0099	ng/g	NC	30
6071630	2344'5-PentaCB-(114)	2019/04/16	88	50 - 150	99	50 - 150	0.0040, RDL=0.0099	ng/g	NC	30
6071630	23'44'5-PentaCB-(118)	2019/04/16	95	50 - 150	268 (3)	50 - 150	0.167, RDL=0.0099	ng/g	3.4	30
6071630	23'44'5'-PentaCB-(123)	2019/04/16	102	50 - 150	103	50 - 150	<0.0025 (1)	ng/g	NC	30
6071630	2344'-TetraCB -(60)	2019/04/16					0.0101, RDL=0.0099	ng/g	13	30
6071630	23'44'-TetraCB-(66)	2019/04/16					0.0498, RDL=0.0099	ng/g	NC	30
6071630	23'455'-PentaCB-(120)	2019/04/16					<0.00076	ng/g	NC	30
6071630	23'45'6-PentaCB-(121)	2019/04/16					<0.00078	ng/g	NC	30
6071630	234'5-TetraCB-(63)	2019/04/16					0.00307, RDL=0.0099	ng/g	NC	30
6071630	23'45-TetraCB-(67)	2019/04/16					<0.00076	ng/g	NC	30
6071630	23'45'-TetraCB-(68)	2019/04/16					0.00124, RDL=0.0099	ng/g	NC	30
6071630	234'6-TetraCB-(64)	2019/04/16					0.0145, RDL=0.0099	ng/g	7.7	30
6071630	234'-TriCB-(22)	2019/04/16					0.00258, RDL=0.0099	ng/g	NC	30
6071630	23'4-TriCB-(25)	2019/04/16					<0.00043	ng/g	NC	30
6071630	23'55'-TetraCB-(72)	2019/04/16					0.00125, RDL=0.0099	ng/g	NC	30
6071630	23'5'6-TetraCB-(73)	2019/04/16					<0.00092	ng/g	NC	30
6071630	235-TriCB-(23)	2019/04/16					<0.00048	ng/g	NC	30
6071630	23'5'-TriCB-(34)	2019/04/16					<0.00044	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	236-TriCB-(24)	2019/04/16					<0.00082	ng/g	NC	30
6071630	23'6-TriCB-(27)	2019/04/16					<0.00078	ng/g	NC	30
6071630	24'5-TriCB-(31)	2019/04/16					0.0110, RDL=0.0099	ng/g	7.2	30
6071630	24'6-TriCB-(32)	2019/04/16					<0.00095 (1)	ng/g	NC	30
6071630	2-MonoCB-(1)	2019/04/16	102	50 - 150	99	50 - 150	<0.00040	ng/g	NC	30
6071630	3,3'-DiCB-(11)	2019/04/16					0.00551, RDL=0.0099	ng/g	NC (1)	30
6071630	3,5-DiCB-(14)	2019/04/16					<0.00046	ng/g	NC	30
6071630	33'44'55'-HexaCB-(169)	2019/04/16	89	50 - 150	169 (3)	50 - 150	<0.0015	ng/g	NC	30
6071630	33'44'5-PentaCB-(126)	2019/04/16	96	50 - 150	91	50 - 150	<0.00097	ng/g	NC	30
6071630	33'44'-TetraCB-(77)	2019/04/16	90	50 - 150	94	50 - 150	0.0053, RDL=0.0099	ng/g	NC	30
6071630	33'455'-PentaCB-(127)	2019/04/16					<0.00088	ng/g	NC	30
6071630	33'45-TetraCB-(78)	2019/04/16					<0.00083	ng/g	NC	30
6071630	33'45'-TetraCB(79)	2019/04/16					<0.00075	ng/g	NC	30
6071630	33'4-TriCB-(35)	2019/04/16					<0.00047	ng/g	NC	30
6071630	33'55'-TetraCB-(80)	2019/04/16					<0.00074	ng/g	NC	30
6071630	33'5-TriCB-(36)	2019/04/16					<0.00039	ng/g	NC	30
6071630	344'5-TetraCB-(81)	2019/04/16	97	50 - 150	99	50 - 150	<0.0010	ng/g	NC	30
6071630	344'-TriCB-(37)	2019/04/16	93	50 - 150	96	50 - 150	0.00607, RDL=0.0099	ng/g	NC	30
6071630	345-TriCB-(38)	2019/04/16					<0.00046	ng/g	NC	30
6071630	34'5-TriCB-(39)	2019/04/16					<0.00044	ng/g	NC	30
6071630	3-MonoCB-(2)	2019/04/16					<0.00035	ng/g	NC	30
6071630	4,4'-DiCB-(15)	2019/04/16	97	50 - 150	95	50 - 150	<0.0025 (1)	ng/g	NC	30
6071630	4-MonoCB-(3)	2019/04/16	89	50 - 150	92	50 - 150	<0.00038	ng/g	NC	30
6071630	DecaCB-(209)	2019/04/16	87	50 - 150	105	50 - 150	0.00945, RDL=0.0099	ng/g	NC	30
6071630	DiCB-(12)+(13)	2019/04/16					<0.00045	ng/g	NC	30
6071630	HeptaCB-(171)+(173)	2019/04/16					0.0220, RDL=0.020	ng/g	NC	30
6071630	HeptaCB-(180)+(193)	2019/04/16	76	50 - 150	213 (3)	50 - 150	0.136, RDL=0.020	ng/g	0.35	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	HexaCB-(128)+(166)	2019/04/16					0.0519, RDL=0.020	ng/g	26	30
6071630	HexaCB-(129)+(138)+(163)	2019/04/16					0.361, RDL=0.030	ng/g	4.0	30
6071630	HexaCB-(134)+(143)	2019/04/16					0.0083, RDL=0.020	ng/g	NC (1)	30
6071630	HexaCB-(135)+(151)	2019/04/16					0.0808, RDL=0.020	ng/g	0.61	30
6071630	HexaCB-(139)+(140)	2019/04/16					0.0043, RDL=0.020	ng/g	NC	30
6071630	HexaCB-(147)+(149)	2019/04/16					0.201, RDL=0.020	ng/g	7.4	30
6071630	HexaCB-(153)+(168)	2019/04/16					0.356, RDL=0.0099	ng/g	2.6	30
6071630	HexaCB-(156)+(157)	2019/04/16	95	50 - 150	111	50 - 150	0.0271, RDL=0.020	ng/g	NC	30
6071630	OctaCB-(198)+(199)	2019/04/16					0.0454, RDL=0.020	ng/g	NC	30
6071630	PentaCB-(108)+(124)	2019/04/16					0.00418, RDL=0.020	ng/g	NC	30
6071630	PentaCB-(110)+(115)	2019/04/16					0.106, RDL=0.020	ng/g	3.9	30
6071630	PentaCB-(83)+(99)	2019/04/16					0.130, RDL=0.020	ng/g	0.33	30
6071630	PentaCB-(85)+(116)+(117)	2019/04/16					<0.025 (1)	ng/g	NC	30
6071630	PentaCB-(86)(87)(97)(109)(119)(125)	2019/04/16					0.0538, RDL=0.059	ng/g	NC	30
6071630	PentaCB-(88)+(91)	2019/04/16					0.0154, RDL=0.020	ng/g	NC	30
6071630	PentaCB-(90)+(101)+(113)	2019/04/16					0.151, RDL=0.030	ng/g	7.3	30
6071630	PentaCB-(93)+(98)+(100)+(102)	2019/04/16					0.0030, RDL=0.040	ng/g	NC	30
6071630	TetraCB-(40)+(41)+(71)	2019/04/16					0.0078, RDL=0.030	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6071630	TetraCB-(44)+(47)+(65)	2019/04/16					0.0336, RDL=0.030	ng/g	12	30
6071630	TetraCB-(45)+(51)	2019/04/16					<0.0012	ng/g	NC	30
6071630	TetraCB-(49)+TetraCB-(69)	2019/04/16					0.0205, RDL=0.020	ng/g	NC	30
6071630	TetraCB-(50)+(53)	2019/04/16					<0.0011	ng/g	NC	30
6071630	TetraCB-(59)+(62)+(75)	2019/04/16					0.00189, RDL=0.030	ng/g	NC	30
6071630	TetraCB-(61)+(70)+(74)+(76)	2019/04/16					0.0715, RDL=0.040	ng/g	NC	30
6071630	TriCB-(18)+(30)	2019/04/16					0.00374, RDL=0.020	ng/g	NC	30
6071630	TriCB-(20) + (28)	2019/04/16					0.0213, RDL=0.020	ng/g	NC	30
6071630	TriCB-(21)+(33)	2019/04/16					0.00218, RDL=0.020	ng/g	NC	30
6071630	TriCB-(26)+(29)	2019/04/16					<0.0013 (1)	ng/g	NC	30
6075060	1,2,3,4,6,7,8-Hepta CDD	2019/04/25	117	70 - 140	106	70 - 140	<0.0963, EDL=0.0963	pg/g	NC	25
6075060	1,2,3,4,6,7,8-Hepta CDF	2019/04/25	129 (30)	82 - 122	121	82 - 122	<0.107, EDL=0.107	pg/g	NC	25
6075060	1,2,3,4,7,8,9-Hepta CDF	2019/04/25	129	78 - 138	121	78 - 138	<0.103, EDL=0.103	pg/g	NC	25
6075060	1,2,3,4,7,8-Hexa CDD	2019/04/25	119	70 - 164	118	70 - 164	<0.0991, EDL=0.0991	pg/g	NC	25
6075060	1,2,3,4,7,8-Hexa CDF	2019/04/25	119	72 - 134	117	72 - 134	<0.102, EDL=0.102	pg/g	NC	25
6075060	1,2,3,6,7,8-Hexa CDD	2019/04/25	119	76 - 134	114	76 - 134	<0.0988, EDL=0.0988	pg/g	NC	25
6075060	1,2,3,6,7,8-Hexa CDF	2019/04/25	119	84 - 130	110	84 - 130	<0.107, EDL=0.107	pg/g	NC	25
6075060	1,2,3,7,8,9-Hexa CDD	2019/04/25	121	64 - 162	121	64 - 162	<0.104, EDL=0.104	pg/g	NC	25
6075060	1,2,3,7,8,9-Hexa CDF	2019/04/25	129	78 - 130	124	78 - 130	<0.103, EDL=0.103	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6075060	1,2,3,7,8-Penta CDD	2019/04/25	125	25 - 181	121	25 - 181	<0.107, EDL=0.107	pg/g	NC	25
6075060	1,2,3,7,8-Penta CDF	2019/04/25	111	80 - 134	113	80 - 134	<0.130, EDL=0.130	pg/g	NC	25
6075060	2,3,4,6,7,8-Hexa CDF	2019/04/25	123	70 - 156	118	70 - 156	<0.0983, EDL=0.0983	pg/g	NC	25
6075060	2,3,4,7,8-Penta CDF	2019/04/25	121	68 - 160	119	68 - 160	<0.122, EDL=0.122	pg/g	NC	25
6075060	2,3,7,8-Tetra CDD	2019/04/25	119	67 - 158	117	67 - 158	<0.0980, EDL=0.0980	pg/g	NC	25
6075060	2,3,7,8-Tetra CDF	2019/04/25	123	75 - 158	120	75 - 158	<0.109, EDL=0.109	pg/g	NC	25
6075060	Octa CDD	2019/04/25	115	78 - 144	114	78 - 144	<0.134, EDL=0.134	pg/g	NC	25
6075060	Octa CDF	2019/04/25	123	63 - 170	105	63 - 170	<0.164, EDL=0.164	pg/g	NC	25
6075060	Total Hepta CDD	2019/04/25					<0.0963, EDL=0.0963	pg/g	NC	25
6075060	Total Hepta CDF	2019/04/25					<0.105, EDL=0.105	pg/g	NC	25
6075060	Total Hexa CDD	2019/04/25					<0.102, EDL=0.102	pg/g	NC	25
6075060	Total Hexa CDF	2019/04/25					<0.103, EDL=0.103	pg/g	NC	25
6075060	Total Penta CDD	2019/04/25					<0.107, EDL=0.107	pg/g	NC	25
6075060	Total Penta CDF	2019/04/25					<0.126, EDL=0.126	pg/g	NC	25
6075060	Total Tetra CDD	2019/04/25					<0.0980, EDL=0.0980	pg/g	NC	25
6075060	Total Tetra CDF	2019/04/25					<0.109, EDL=0.109	pg/g	NC	25
6076141	2,3-DiCB-(5)	2019/04/20	0	N/A			<0.0049	ng/g	NC	30
6076141	2,3'-DiCB-(6)	2019/04/20	0	N/A			<0.0047	ng/g	NC	30
6076141	2,4-DiCB-(7)	2019/04/20	0	N/A			<0.0051	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	2,4'-DiCB-(8)	2019/04/20	0	N/A			<0.0052	ng/g	NC	30
6076141	2,5-DiCB-(9)	2019/04/20	0	N/A			<0.0049	ng/g	NC	30
6076141	2,6-DiCB-(10)	2019/04/20	0	N/A			<0.011	ng/g	NC	30
6076141	22'33'44'55'6-NonaCB-(206)	2019/04/20	80	50 - 150	95	50 - 150	0.0166, RDL=0.0097	ng/g	NC	30
6076141	22'33'44'55'-OctaCB-(194)	2019/04/20	0	N/A			0.0228, RDL=0.0097	ng/g	NC	30
6076141	22'33'44'566'-NonaCB-(207)	2019/04/20	0	N/A			<0.0031	ng/g	NC	30
6076141	22'33'44'56-OctaCB-(195)	2019/04/20	0	N/A			0.0084, RDL=0.0097	ng/g	NC (1)	30
6076141	22'33'44'56'-OctaCB-(196)	2019/04/20	0	N/A			0.0094, RDL=0.0097	ng/g	NC	30
6076141	22'33'44'5-HeptaCB-(170)	2019/04/20	95	50 - 150	142 (31)	50 - 150	0.0468, RDL=0.0097	ng/g	9.0	30
6076141	22'33'44'66'OctaCB-(197)	2019/04/20	0	N/A			<0.0026 (1)	ng/g	NC	30
6076141	22'33'455'66'-NonaCB-(208)	2019/04/20	93	50 - 150	99	50 - 150	0.0095, RDL=0.0097	ng/g	NC	30
6076141	22'33'455'-HeptaCB-(172)	2019/04/20	0	N/A			<0.0085 (1)	ng/g	2.4	30
6076141	22'33'4566'-OctaCB-(200)	2019/04/20	0	N/A			<0.0025 (1)	ng/g	NC	30
6076141	22'33'45'66'-OctaCB-(201)	2019/04/20	0	N/A			0.0108, RDL=0.0097	ng/g	NC (32)	30
6076141	22'33'456'-HeptaCB-(174)	2019/04/20	0	N/A			0.0381, RDL=0.0097	ng/g	6.5	30
6076141	22'33'45'6-HeptaCB-(175)	2019/04/20	0	N/A			<0.0020	ng/g	NC	30
6076141	22'33'45'6'-HeptaCB-(177)	2019/04/20	0	N/A			0.0682, RDL=0.0097	ng/g	5.7	30
6076141	22'33'45'-HexaCB-(130)	2019/04/20	0	N/A			0.0208, RDL=0.0097	ng/g	7.0	30
6076141	22'33'466'-HeptaCB-(176)	2019/04/20	0	N/A			0.0098, RDL=0.0097	ng/g	NC	30
6076141	22'33'46-HexaCB-(131)	2019/04/20	0	N/A			<0.0045	ng/g	NC	30
6076141	22'33'46'-HexaCB-(132)	2019/04/20	0	N/A			0.0448, RDL=0.0097	ng/g	7.2	30
6076141	22'33'4-PentaCB-(82)	2019/04/20	0	N/A			<0.0037 (1)	ng/g	2.6	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	22'33'55'66'-OctaCB-(202)	2019/04/20	96	50 - 150	109	50 - 150	<0.019 (1)	ng/g	NC	30
6076141	22'33'55'6-HeptaCB-(178)	2019/04/20	0	N/A			0.0363, RDL=0.0097	ng/g	1.4	30
6076141	22'33'55'-HexaCB-(133)	2019/04/20	0	N/A			<0.011 (1)	ng/g	7.8 (1)	30
6076141	22'33'566'-HeptaCB-(179)	2019/04/20	0	N/A			0.0437, RDL=0.0097	ng/g	3.7	30
6076141	22'33'66'-HexaCB-(136)	2019/04/20	0	N/A			<0.015 (1)	ng/g	NC (1)	30
6076141	22'33'6-PentaCB-(84)	2019/04/20	0	N/A			0.0103, RDL=0.0097	ng/g	2.1	30
6076141	22'344'55'6-OctaCB-(203)	2019/04/20	0	N/A			<0.016 (1)	ng/g	NC (1)	30
6076141	22'344'566'-OctaCB-(204)	2019/04/20	0	N/A			<0.0016	ng/g	NC	30
6076141	22'344'56-HeptaCB-(181)	2019/04/20	0	N/A			<0.0050	ng/g	NC	30
6076141	22'344'56'-HeptaCB-(182)	2019/04/20	97	50 - 150	98	50 - 150	<0.0020	ng/g	NC	30
6076141	22'344'5'6-HeptaCB-(183)	2019/04/20	0	N/A			0.0283, RDL=0.0097	ng/g	7.1	30
6076141	22'344'5-HexaCB-(137)	2019/04/20	0	N/A			<0.0083 (1)	ng/g	4.8	30
6076141	22'344'66'-HeptaCB-(184)	2019/04/20	0	N/A			<0.0015	ng/g	NC	30
6076141	22'3455'6-HeptaCB-(185)	2019/04/20	0	N/A			<0.0051	ng/g	NC	30
6076141	22'34'55'6-HeptaCB-(187)	2019/04/20	97	50 - 150	318 (31)	50 - 150	0.209, RDL=0.0097	ng/g	10	30
6076141	22'3455'-HexaCB-(141)	2019/04/20	0	N/A			0.0240, RDL=0.0097	ng/g	2.9	30
6076141	22'34'55'-HexaCB-(146)	2019/04/20	0	N/A			0.102, RDL=0.0097	ng/g	7.2	30
6076141	22'34566'-HeptaCB-(186)	2019/04/20	0	N/A			<0.0016	ng/g	NC	30
6076141	22'34'566'-HeptaCB-(188)	2019/04/20	97	50 - 150	90	50 - 150	<0.0019	ng/g	NC	30
6076141	22'3456-HexaCB-(142)	2019/04/20	0	N/A			<0.0042	ng/g	NC	30
6076141	22'345'6-HexaCB-(144)	2019/04/20	0	N/A			<0.0066 (1)	ng/g	25	30
6076141	22'34'56'-HexaCB-(148)	2019/04/20	0	N/A			<0.0015	ng/g	NC	30
6076141	22'3466'-HexaCB-(145)	2019/04/20	0	N/A			<0.0011	ng/g	NC	30
6076141	22'34'66'-HexaCB-(150)	2019/04/20	0	N/A			<0.0011	ng/g	NC	30
6076141	22'346'-PentaCB-(89)	2019/04/20	0	N/A			<0.0018	ng/g	NC	30
6076141	22'34'-TetraCB-(42)	2019/04/20	0	N/A			<0.0060 (1)	ng/g	1.4	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	22'355'-PentaCB-(92)	2019/04/20	0	N/A			0.0324, RDL=0.0097	ng/g	1.6	30
6076141	22'3566'-HexaCB-(152)	2019/04/20	0	N/A			<0.0012	ng/g	NC	30
6076141	22'356'-PentaCB-(94)	2019/04/20	0	N/A			<0.0017	ng/g	NC	30
6076141	22'35'6-PentaCB-(95)	2019/04/20	0	N/A			0.0551, RDL=0.0097	ng/g	0.56	30
6076141	22'35-TetraCB-(43)	2019/04/20	0	N/A			<0.0018	ng/g	NC	30
6076141	22'366'-PentaCB-(96)	2019/04/20	0	N/A			<0.00040	ng/g	NC	30
6076141	22'36'-TetraCB-(46)	2019/04/20	0	N/A			<0.0015	ng/g	NC	30
6076141	22'3-TriCB-(16)	2019/04/20	0	N/A			<0.0012	ng/g	NC	30
6076141	22'44'56'-HexaCB-(154)	2019/04/20	0	N/A			<0.0097 (1)	ng/g	NC	30
6076141	22'44'66'-HexaCB-(155)	2019/04/20	91	50 - 150	91	50 - 150	<0.0012	ng/g	NC	30
6076141	22'45'6-PentaCB-(103)	2019/04/20	0	N/A			<0.0019 (1)	ng/g	NC (1)	30
6076141	22'45-TetraCB-(48)	2019/04/20	0	N/A			<0.0045 (1)	ng/g	NC (1)	30
6076141	22'466'-PentaCB-(104)	2019/04/20	92	50 - 150	92	50 - 150	<0.00038	ng/g	NC	30
6076141	22'4-TriCB-(17)	2019/04/20	0	N/A			<0.0014 (1)	ng/g	NC (1)	30
6076141	22'55'-TetraCB-(52)	2019/04/20	0	N/A			0.0568, RDL=0.0097	ng/g	3.6	30
6076141	22'66'-TetraCB-(54)	2019/04/20	89	50 - 150	88	50 - 150	<0.00057	ng/g	NC	30
6076141	22'6-TriCB-(19)	2019/04/20	90	50 - 150	92	50 - 150	<0.0012	ng/g	NC	30
6076141	22'-DiCB-(4)	2019/04/20	99	50 - 150	90	50 - 150	<0.014	ng/g	NC	30
6076141	233'44'55'6-OctaCB-(205)	2019/04/20	94	50 - 150	96	50 - 150	<0.0019	ng/g	NC	30
6076141	233'44'55'-HeptaCB-(189)	2019/04/20	94	50 - 150	96	50 - 150	<0.0040	ng/g	NC	30
6076141	233'44'56-HeptaCB-(190)	2019/04/20	0	N/A			<0.0080 (1)	ng/g	NC	30
6076141	233'44'5'6-HeptaCB-(191)	2019/04/20	0	N/A			<0.0040	ng/g	NC	30
6076141	233'44'6-HexaCB-(158)	2019/04/20	0	N/A			0.0169, RDL=0.0097	ng/g	3.6	30
6076141	233'44'-PentaCB-(105)	2019/04/20	96	50 - 150	162 (31)	50 - 150	0.0602, RDL=0.0097	ng/g	4.2	30
6076141	233'455'6-HeptaCB-(192)	2019/04/20	0	N/A			<0.0042	ng/g	NC	30
6076141	233'455'-HexaCB-(159)	2019/04/20	0	N/A			<0.0016	ng/g	NC	30
6076141	233'4'55'-HexaCB-(162)	2019/04/20	0	N/A			<0.0015	ng/g	NC	30
6076141	233'456-HexaCB-(160)	2019/04/20	0	N/A			<0.0031	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	233'45'6-HexaCB-(161)	2019/04/20	0	N/A			<0.0028	ng/g	NC	30
6076141	233'4'5'6-HexaCB-(164)	2019/04/20	0	N/A			0.0140, RDL=0.0097	ng/g	NC (1)	30
6076141	233'45-PentaCB-(106)	2019/04/20	0	N/A			<0.0016	ng/g	NC	30
6076141	233'4'5-PentaCB-(107)	2019/04/20	0	N/A			0.0153, RDL=0.0097	ng/g	6.6	30
6076141	233'4'5'-PentaCB-(122)	2019/04/20	0	N/A			<0.0018	ng/g	NC (1)	30
6076141	233'4'-Tetra CB(56)	2019/04/20	0	N/A			0.00792, RDL=0.0097	ng/g	11	30
6076141	233'4-TetraCB-(55)	2019/04/20	0	N/A			<0.00073	ng/g	NC	30
6076141	233'55'6-HexaCB-(165)	2019/04/20	0	N/A			<0.0031	ng/g	NC	30
6076141	233'55'-PentaCB-(111)	2019/04/20	0	N/A			<0.0012	ng/g	NC	30
6076141	233'56-PentaCB-(112)	2019/04/20	0	N/A			<0.0011	ng/g	NC	30
6076141	233'5-TetraCB-(57)	2019/04/20	0	N/A			<0.00068	ng/g	NC	30
6076141	233'5'-TetraCB-(58)	2019/04/20	0	N/A			<0.00068	ng/g	NC	30
6076141	23'44'55'-HexaCB-(167)	2019/04/20	96	50 - 150	102	50 - 150	0.0122, RDL=0.0097	ng/g	6.5	30
6076141	2344'5-PentaCB-(114)	2019/04/20	91	50 - 150	89	50 - 150	0.0039, RDL=0.0097	ng/g	3.9	30
6076141	23'44'5-PentaCB-(118)	2019/04/20	91	50 - 150	255 (31)	50 - 150	0.164, RDL=0.0097	ng/g	8.9	30
6076141	23'44'5'-PentaCB-(123)	2019/04/20	94	50 - 150	102	50 - 150	<0.0021 (1)	ng/g	NC	30
6076141	2344'-TetraCB -(60)	2019/04/20	0	N/A			0.0111, RDL=0.0097	ng/g	6.2	30
6076141	23'44'-TetraCB-(66)	2019/04/20	0	N/A			0.0508, RDL=0.0097	ng/g	15	30
6076141	23'455'-PentaCB-(120)	2019/04/20	0	N/A			<0.0011	ng/g	NC	30
6076141	23'45'6-PentaCB-(121)	2019/04/20	0	N/A			<0.0012	ng/g	NC	30
6076141	234'5-TetraCB-(63)	2019/04/20	0	N/A			0.00347, RDL=0.0097	ng/g	NC	30
6076141	23'45-TetraCB-(67)	2019/04/20	0	N/A			<0.00064	ng/g	NC	30
6076141	23'45'-TetraCB-(68)	2019/04/20	0	N/A			<0.00083 (1)	ng/g	NC	30
6076141	234'6-TetraCB-(64)	2019/04/20	0	N/A			0.0157, RDL=0.0097	ng/g	1.3	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	234'-TriCB-(22)	2019/04/20	0	N/A			0.00242, RDL=0.0097	ng/g	NC	30
6076141	23'4-TriCB-(25)	2019/04/20	0	N/A			<0.00066	ng/g	NC	30
6076141	23'55'-TetraCB-(72)	2019/04/20	0	N/A			<0.0010 (1)	ng/g	NC (1)	30
6076141	23'5'6-TetraCB-(73)	2019/04/20	0	N/A			<0.00087	ng/g	NC	30
6076141	235-TriCB-(23)	2019/04/20	93	50 - 150	90	50 - 150	<0.00069	ng/g	NC	30
6076141	23'5'-TriCB-(34)	2019/04/20	89	50 - 150	89	50 - 150	<0.00072	ng/g	NC	30
6076141	236-TriCB-(24)	2019/04/20	0	N/A			<0.00097	ng/g	NC	30
6076141	23'6-TriCB-(27)	2019/04/20	0	N/A			<0.00090	ng/g	NC	30
6076141	24'5-TriCB-(31)	2019/04/20	0	N/A			0.0113, RDL=0.0097	ng/g	1.5	30
6076141	24'6-TriCB-(32)	2019/04/20	0	N/A			0.00143, RDL=0.0097	ng/g	NC	30
6076141	2-MonoCB-(1)	2019/04/20	102	50 - 150	97	50 - 150	<0.0011	ng/g	NC	30
6076141	3,3'-DiCB-(11)	2019/04/20	0	N/A			0.0074, RDL=0.0097	ng/g	NC	30
6076141	3,5-DiCB-(14)	2019/04/20	0	N/A			<0.0050	ng/g	NC	30
6076141	33'44'55'-HexaCB-(169)	2019/04/20	94	50 - 150	92	50 - 150	<0.0016	ng/g	NC	30
6076141	33'44'5-PentaCB-(126)	2019/04/20	97	50 - 150	85	50 - 150	<0.0018	ng/g	NC	30
6076141	33'44'-TetraCB-(77)	2019/04/20	90	50 - 150	91	50 - 150	0.00497, RDL=0.0097	ng/g	8.2	30
6076141	33'455'-PentaCB-(127)	2019/04/20	0	N/A			<0.0016	ng/g	NC	30
6076141	33'45-TetraCB-(78)	2019/04/20	0	N/A			<0.00070	ng/g	NC	30
6076141	33'45'-TetraCB(79)	2019/04/20	0	N/A			<0.00060	ng/g	NC	30
6076141	33'4-TriCB-(35)	2019/04/20	0	N/A			<0.00067	ng/g	NC	30
6076141	33'55'-TetraCB-(80)	2019/04/20	0	N/A			<0.00060	ng/g	NC	30
6076141	33'5-TriCB-(36)	2019/04/20	0	N/A			<0.00058	ng/g	NC	30
6076141	344'5-TetraCB-(81)	2019/04/20	96	50 - 150	92	50 - 150	<0.00082	ng/g	NC	30
6076141	344'-TriCB-(37)	2019/04/20	91	50 - 150	95	50 - 150	0.00577, RDL=0.0097	ng/g	NC	30
6076141	345-TriCB-(38)	2019/04/20	0	N/A			<0.00063	ng/g	NC	30
6076141	34'5-TriCB-(39)	2019/04/20	0	N/A			<0.00062	ng/g	NC	30
6076141	3-MonoCB-(2)	2019/04/20	0	N/A			<0.00094	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	4,4'-DiCB-(15)	2019/04/20	95	50 - 150	96	50 - 150	<0.0064	ng/g	NC	30
6076141	4-MonoCB-(3)	2019/04/20	98	50 - 150	93	50 - 150	<0.0010	ng/g	NC	30
6076141	DecaCB-(209)	2019/04/20	88	50 - 150	106	50 - 150	<0.0060 (1)	ng/g	NC	30
6076141	DiCB-(12)+(13)	2019/04/20	0	N/A			<0.0047	ng/g	NC	30
6076141	HeptaCB-(171)+(173)	2019/04/20	0	N/A			<0.020 (1)	ng/g	NC	30
6076141	HeptaCB-(180)+(193)	2019/04/20	97	50 - 150	223 (31)	50 - 150	0.136, RDL=0.019	ng/g	11	30
6076141	HexaCB-(128)+(166)	2019/04/20	76	N/A	130	N/A	0.0511, RDL=0.019	ng/g	3.2	30
6076141	HexaCB-(129)+(138)+(163)	2019/04/20	0	N/A			0.376, RDL=0.029	ng/g	3.9	30
6076141	HexaCB-(134)+(143)	2019/04/20	0	N/A			0.0063, RDL=0.019	ng/g	NC	30
6076141	HexaCB-(135)+(151)	2019/04/20	0	N/A			0.0954, RDL=0.019	ng/g	2.5	30
6076141	HexaCB-(139)+(140)	2019/04/20	0	N/A			<0.0036	ng/g	NC	30
6076141	HexaCB-(147)+(149)	2019/04/20	0	N/A			0.0785, RDL=0.019	ng/g	8.0	30
6076141	HexaCB-(153)+(168)	2019/04/20	0	N/A			0.404, RDL=0.0097	ng/g	2.2	30
6076141	HexaCB-(156)+(157)	2019/04/20	99	50 - 150	104	50 - 150	0.0272, RDL=0.019	ng/g	11	30
6076141	OctaCB-(198)+(199)	2019/04/20	0	N/A			<0.033 (1)	ng/g	NC	30
6076141	PentaCB-(108)+(124)	2019/04/20	0	N/A			0.0030, RDL=0.019	ng/g	NC	30
6076141	PentaCB-(110)+(115)	2019/04/20	0	N/A			0.102, RDL=0.019	ng/g	3.2	30
6076141	PentaCB-(83)+(99)	2019/04/20	0	N/A			0.128, RDL=0.019	ng/g	0.23	30
6076141	PentaCB-(85)+(116)+(117)	2019/04/20	0	N/A			0.0287, RDL=0.029	ng/g	5.0	30
6076141	PentaCB-(86)(87)(97)(109)(119)(125)	2019/04/20	0	N/A			0.0569, RDL=0.058	ng/g	0.65	30
6076141	PentaCB-(88)+(91)	2019/04/20	0	N/A			0.0170, RDL=0.019	ng/g	1.5	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6076141	PentaCB-(90)+(101)+(113)	2019/04/20	92	N/A	276 (31)	N/A	0.156, RDL=0.029	ng/g	8.3	30
6076141	PentaCB-(93)+(98)+(100)+(102)	2019/04/20	0	N/A			<0.0016	ng/g	NC (1)	30
6076141	TetraCB-(40)+(41)+(71)	2019/04/20	0	N/A			<0.0064 (1)	ng/g	NC	30
6076141	TetraCB-(44)+(47)+(65)	2019/04/20	0	N/A			0.0385, RDL=0.029	ng/g	3.9	30
6076141	TetraCB-(45)+(51)	2019/04/20	0	N/A			<0.0013	ng/g	NC	30
6076141	TetraCB-(49)+TetraCB-(69)	2019/04/20	0	N/A			0.0256, RDL=0.019	ng/g	0.67	30
6076141	TetraCB-(50)+(53)	2019/04/20	0	N/A			<0.0012	ng/g	NC	30
6076141	TetraCB-(59)+(62)+(75)	2019/04/20	0	N/A			0.00276, RDL=0.029	ng/g	NC	30
6076141	TetraCB-(61)+(70)+(74)+(76)	2019/04/20	0	N/A			0.0754, RDL=0.039	ng/g	5.9	30
6076141	TriCB-(18)+(30)	2019/04/20	0	N/A			<0.0032 (1)	ng/g	NC	30
6076141	TriCB-(20) + (28)	2019/04/20	0	N/A			0.0215, RDL=0.019	ng/g	2.9	30
6076141	TriCB-(21)+(33)	2019/04/20	0	N/A			0.00204, RDL=0.019	ng/g	NC (1)	30
6076141	TriCB-(26)+(29)	2019/04/20	0	N/A			0.00144, RDL=0.019	ng/g	NC	30
6088450	1,2,3,4,6,7,8-Hepta CDD	2019/04/29	102	70 - 140	106	70 - 140	<0.354, EDL=0.354 (1)	pg/g	NC	25
6088450	1,2,3,4,6,7,8-Hepta CDF	2019/04/29	90	82 - 122	93	82 - 122	0.202, EDL=0.116	pg/g	NC (1)	25
6088450	1,2,3,4,7,8,9-Hepta CDF	2019/04/29	105	78 - 138	104	78 - 138	<0.113, EDL=0.113	pg/g	NC	25
6088450	1,2,3,4,7,8-Hexa CDD	2019/04/29	106	70 - 164	104	70 - 164	<0.116, EDL=0.116	pg/g	NC	25
6088450	1,2,3,4,7,8-Hexa CDF	2019/04/29	100	72 - 134	102	72 - 134	<0.141, EDL=0.141 (1)	pg/g	NC	25
6088450	1,2,3,6,7,8-Hexa CDD	2019/04/29	108	76 - 134	100	76 - 134	0.204, EDL=0.112	pg/g	NC	25
6088450	1,2,3,6,7,8-Hexa CDF	2019/04/29	101	84 - 130	101	84 - 130	<0.102, EDL=0.102	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6088450	1,2,3,7,8,9-Hexa CDD	2019/04/29	111	64 - 162	125	64 - 162	0.202, EDL=0.109	pg/g	NC	25
6088450	1,2,3,7,8,9-Hexa CDF	2019/04/29	111	78 - 130	103	78 - 130	<0.107, EDL=0.107 (1)	pg/g	NC	25
6088450	1,2,3,7,8-Penta CDD	2019/04/29	102	25 - 181	107	25 - 181	<0.179, EDL=0.179	pg/g	NC (1)	25
6088450	1,2,3,7,8-Penta CDF	2019/04/29	109	80 - 134	104	80 - 134	<0.106, EDL=0.106	pg/g	NC	25
6088450	2,3,4,6,7,8-Hexa CDF	2019/04/29	103	70 - 156	107	70 - 156	<0.0985, EDL=0.0985	pg/g	NC	25
6088450	2,3,4,7,8-Penta CDF	2019/04/29	100	68 - 160	104	68 - 160	<0.0987, EDL=0.0987	pg/g	NC	25
6088450	2,3,7,8-Tetra CDD	2019/04/29	104	67 - 158	108	67 - 158	<0.117, EDL=0.117	pg/g	NC	25
6088450	2,3,7,8-Tetra CDF	2019/04/29	110	75 - 158	108	75 - 158	0.374, EDL=0.108	pg/g	6.6	25
6088450	Octa CDD	2019/04/29	103	78 - 144	104	78 - 144	0.475, EDL=0.103	pg/g	NC	25
6088450	Octa CDF	2019/04/29	102	63 - 170	103	63 - 170	0.160, EDL=0.118	pg/g	NC	25
6088450	Total Hepta CDD	2019/04/29					0.273, EDL=0.106	pg/g	0.29	25
6088450	Total Hepta CDF	2019/04/29					0.202, EDL=0.114	pg/g	NC	25
6088450	Total Hexa CDD	2019/04/29					0.769, EDL=0.114	pg/g	NC	25
6088450	Total Hexa CDF	2019/04/29					<0.161, EDL=0.161 (1)	pg/g	NC	25
6088450	Total Penta CDD	2019/04/29					<0.179, EDL=0.179	pg/g	NC (1)	25
6088450	Total Penta CDF	2019/04/29					<0.397, EDL=0.397 (1)	pg/g	NC	25
6088450	Total Tetra CDD	2019/04/29					<0.117, EDL=0.117	pg/g	NC	25
6088450	Total Tetra CDF	2019/04/29					0.953, EDL=0.108	pg/g	6.1	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	2,3-DiCB-(5)	2019/05/07					<0.00048	ng/g	NC	30
6093649	2,3'-DiCB-(6)	2019/05/07					<0.00040	ng/g	NC	30
6093649	2,4-DiCB-(7)	2019/05/07					<0.00040	ng/g	NC	30
6093649	2,4'-DiCB-(8)	2019/05/07					<0.00035	ng/g	NC (1)	30
6093649	2,5-DiCB-(9)	2019/05/07					<0.00040	ng/g	NC	30
6093649	2,6-DiCB-(10)	2019/05/07					<0.0016	ng/g	NC	30
6093649	22'33'44'55'6-NonaCB-(206)	2019/05/07	94	50 - 150	94	50 - 150	<0.0026	ng/g	NC (32)	30
6093649	22'33'44'55'-OctaCB-(194)	2019/05/07					<0.0017	ng/g	9.8	30
6093649	22'33'44'566'-NonaCB-(207)	2019/05/07					<0.0021	ng/g	NC	30
6093649	22'33'44'56-OctaCB-(195)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'33'44'56'-OctaCB-(196)	2019/05/07					<0.0028	ng/g	13	30
6093649	22'33'44'5-HeptaCB-(170)	2019/05/07	96	50 - 150	97	50 - 150	<0.0016	ng/g	1.1	30
6093649	22'33'44'66'OctaCB-(197)	2019/05/07					<0.0018	ng/g	NC	30
6093649	22'33'455'66'-NonaCB-(208)	2019/05/07	91	50 - 150	97	50 - 150	<0.0027	ng/g	NC	30
6093649	22'33'455'-HeptaCB-(172)	2019/05/07					<0.0020	ng/g	5.8	30
6093649	22'33'4566'-OctaCB-(200)	2019/05/07					<0.0018	ng/g	NC	30
6093649	22'33'45'66'-OctaCB-(201)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'33'456'-HeptaCB-(174)	2019/05/07					<0.0017	ng/g	14	30
6093649	22'33'45'6-HeptaCB-(175)	2019/05/07					<0.0026	ng/g	NC	30
6093649	22'33'45'6'-HeptaCB-(177)	2019/05/07					<0.0020	ng/g	NC	30
6093649	22'33'45'-HexaCB-(130)	2019/05/07					<0.0025	ng/g	1.4	30
6093649	22'33'466'-HeptaCB-(176)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'33'46-HexaCB-(131)	2019/05/07					<0.0026	ng/g	NC	30
6093649	22'33'46'-HexaCB-(132)	2019/05/07					<0.0023	ng/g	1.6	30
6093649	22'33'4-PentaCB-(82)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'33'55'66'-OctaCB-(202)	2019/05/07	89	50 - 150	91	50 - 150	<0.0019	ng/g	NC	30
6093649	22'33'55'6-HeptaCB-(178)	2019/05/07					<0.0027	ng/g	4.7	30
6093649	22'33'55'-HexaCB-(133)	2019/05/07					<0.0022	ng/g	6.2	30
6093649	22'33'566'-HeptaCB-(179)	2019/05/07					<0.0019	ng/g	9.5	30
6093649	22'33'66'-HexaCB-(136)	2019/05/07					<0.0025	ng/g	13	30
6093649	22'33'6-PentaCB-(84)	2019/05/07					<0.0018	ng/g	4.1	30
6093649	22'344'55'6-OctaCB-(203)	2019/05/07					<0.0026	ng/g	3.1	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	22'344'566'-OctaCB-(204)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'344'56-HeptaCB-(181)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'344'56'-HeptaCB-(182)	2019/05/07					<0.0024	ng/g	NC	30
6093649	22'344'5'6-HeptaCB-(183)	2019/05/07					<0.0017	ng/g	1.1	30
6093649	22'344'5-HexaCB-(137)	2019/05/07					<0.0025	ng/g	21	30
6093649	22'344'66'-HeptaCB-(184)	2019/05/07					<0.0017	ng/g	NC	30
6093649	22'3455'6-HeptaCB-(185)	2019/05/07					<0.0018	ng/g	3.1	30
6093649	22'34'55'6-HeptaCB-(187)	2019/05/07					<0.0024	ng/g	0.14	30
6093649	22'3455'-HexaCB-(141)	2019/05/07					<0.0019	ng/g	2.2	30
6093649	22'34'55'-HexaCB-(146)	2019/05/07					<0.0020	ng/g	4.9	30
6093649	22'34566'-HeptaCB-(186)	2019/05/07					<0.0019	ng/g	NC	30
6093649	22'34'566'-HeptaCB-(188)	2019/05/07	95	50 - 150	92	50 - 150	<0.0019	ng/g	NC	30
6093649	22'3456-HexaCB-(142)	2019/05/07					<0.0023	ng/g	NC	30
6093649	22'345'6-HexaCB-(144)	2019/05/07					<0.0033	ng/g	18	30
6093649	22'34'56'-HexaCB-(148)	2019/05/07					<0.0033	ng/g	NC	30
6093649	22'3466'-HexaCB-(145)	2019/05/07					<0.0025	ng/g	NC	30
6093649	22'34'66'-HexaCB-(150)	2019/05/07					<0.0024	ng/g	NC	30
6093649	22'346'-PentaCB-(89)	2019/05/07					<0.0018	ng/g	NC	30
6093649	22'34'-TetraCB-(42)	2019/05/07					<0.0023	ng/g	NC	30
6093649	22'355'-PentaCB-(92)	2019/05/07					<0.0017	ng/g	1.9	30
6093649	22'3566'-HexaCB-(152)	2019/05/07					<0.0024	ng/g	NC	30
6093649	22'356'-PentaCB-(94)	2019/05/07					<0.0018	ng/g	NC	30
6093649	22'35'6-PentaCB-(95)	2019/05/07					<0.0016	ng/g	3.0	30
6093649	22'35-TetraCB-(43)	2019/05/07					<0.0024	ng/g	NC	30
6093649	22'366'-PentaCB-(96)	2019/05/07					<0.0012	ng/g	NC	30
6093649	22'36'-TetraCB-(46)	2019/05/07					<0.0022	ng/g	NC	30
6093649	22'3-TriCB-(16)	2019/05/07					<0.0031	ng/g	NC	30
6093649	22'44'56'-HexaCB-(154)	2019/05/07					<0.0028	ng/g	4.2	30
6093649	22'44'66'-HexaCB-(155)	2019/05/07	102	50 - 150	93	50 - 150	<0.0018	ng/g	NC	30
6093649	22'45'6-PentaCB-(103)	2019/05/07					<0.0015	ng/g	NC	30
6093649	22'45-TetraCB-(48)	2019/05/07					<0.0018	ng/g	NC (1)	30
6093649	22'466'-PentaCB-(104)	2019/05/07	93	50 - 150	94	50 - 150	<0.00075	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	22'4-TriCB-(17)	2019/05/07					<0.0023	ng/g	NC	30
6093649	22'55'-TetraCB-(52)	2019/05/07					<0.0017	ng/g	4.1	30
6093649	22'66'-TetraCB-(54)	2019/05/07	92	50 - 150	97	50 - 150	<0.0014	ng/g	NC	30
6093649	22'6-TriCB-(19)	2019/05/07	97	50 - 150	96	50 - 150	<0.0017	ng/g	NC	30
6093649	22'-DiCB-(4)	2019/05/07	103	50 - 150	97	50 - 150	<0.0014	ng/g	NC	30
6093649	233'44'55'6-OctaCB-(205)	2019/05/07	97	50 - 150	97	50 - 150	<0.0018	ng/g	NC	30
6093649	233'44'55'-HeptaCB-(189)	2019/05/07	98	50 - 150	98	50 - 150	<0.0016	ng/g	NC	30
6093649	233'44'56-HeptaCB-(190)	2019/05/07					<0.0016	ng/g	0.18	30
6093649	233'44'5'6-HeptaCB-(191)	2019/05/07					<0.0015	ng/g	NC	30
6093649	233'44'6-HexaCB-(158)	2019/05/07					<0.0014	ng/g	1.9	30
6093649	233'44'-PentaCB-(105)	2019/05/07	118	50 - 150	97	50 - 150	<0.0010	ng/g	3.0	30
6093649	233'455'6-HeptaCB-(192)	2019/05/07					<0.0015	ng/g	NC	30
6093649	233'455'-HexaCB-(159)	2019/05/07					<0.0012	ng/g	NC (1)	30
6093649	233'4'55'-HexaCB-(162)	2019/05/07					<0.0012	ng/g	NC	30
6093649	233'456-HexaCB-(160)	2019/05/07					<0.0018	ng/g	NC	30
6093649	233'45'6-HexaCB-(161)	2019/05/07					<0.0015	ng/g	NC	30
6093649	233'4'5'6-HexaCB-(164)	2019/05/07					<0.0014	ng/g	19	30
6093649	233'45-PentaCB-(106)	2019/05/07					<0.00076	ng/g	NC	30
6093649	233'4'5-PentaCB-(107)	2019/05/07					<0.00065	ng/g	10	30
6093649	233'4'5'-PentaCB-(122)	2019/05/07					<0.00086	ng/g	NC	30
6093649	233'4'-Tetra CB(56)	2019/05/07					<0.0012	ng/g	0.061	30
6093649	233'4-TetraCB-(55)	2019/05/07					<0.0011	ng/g	NC	30
6093649	233'55'6-HexaCB-(165)	2019/05/07					<0.0017	ng/g	NC	30
6093649	233'55'-PentaCB-(111)	2019/05/07					<0.0012	ng/g	NC	30
6093649	233'56-PentaCB-(112)	2019/05/07					<0.0011	ng/g	NC	30
6093649	233'5-TetraCB-(57)	2019/05/07					<0.0011	ng/g	NC	30
6093649	233'5'-TetraCB-(58)	2019/05/07					<0.0012	ng/g	NC	30
6093649	23'44'55'-HexaCB-(167)	2019/05/07	98	50 - 150	97	50 - 150	<0.0015	ng/g	2.8	30
6093649	2344'5-PentaCB-(114)	2019/05/07	94	50 - 150	98	50 - 150	<0.00098	ng/g	2.5	30
6093649	23'44'5-PentaCB-(118)	2019/05/07	212 (33)	50 - 150	92	50 - 150	0.00214, RDL=0.0099	ng/g	7.4	30
6093649	23'44'5'-PentaCB-(123)	2019/05/07	101	50 - 150	98	50 - 150	<0.0011	ng/g	15	30
6093649	2344'-TetraCB -(60)	2019/05/07					<0.0012	ng/g	1.7	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	23'44'-TetraCB-(66)	2019/05/07					<0.0011	ng/g	5.5	30
6093649	23'455'-PentaCB-(120)	2019/05/07					<0.0012	ng/g	NC	30
6093649	23'45'6-PentaCB-(121)	2019/05/07					<0.0012	ng/g	NC	30
6093649	234'5-TetraCB-(63)	2019/05/07					<0.0011	ng/g	NC	30
6093649	23'45-TetraCB-(67)	2019/05/07					<0.00096	ng/g	NC	30
6093649	23'45'-TetraCB-(68)	2019/05/07					<0.0010	ng/g	NC	30
6093649	234'6-TetraCB-(64)	2019/05/07					<0.0015	ng/g	5.3	30
6093649	234'-TriCB-(22)	2019/05/07					<0.00087	ng/g	NC	30
6093649	23'4-TriCB-(25)	2019/05/07					<0.00081	ng/g	NC	30
6093649	23'55'-TetraCB-(72)	2019/05/07					<0.0011	ng/g	NC	30
6093649	23'5'6-TetraCB-(73)	2019/05/07					<0.0015	ng/g	NC	30
6093649	235-TriCB-(23)	2019/05/07					<0.00091	ng/g	NC	30
6093649	23'5'-TriCB-(34)	2019/05/07					<0.00081	ng/g	NC	30
6093649	236-TriCB-(24)	2019/05/07					<0.0017	ng/g	NC	30
6093649	23'6-TriCB-(27)	2019/05/07					<0.0016	ng/g	NC	30
6093649	24'5-TriCB-(31)	2019/05/07					<0.00079	ng/g	0.24	30
6093649	24'6-TriCB-(32)	2019/05/07					<0.0015	ng/g	NC	30
6093649	2-MonoCB-(1)	2019/05/07	102	50 - 150	98	50 - 150	<0.00060	ng/g	NC	30
6093649	3,3'-DiCB-(11)	2019/05/07					<0.0031 (1)	ng/g	NC (1)	30
6093649	3,5-DiCB-(14)	2019/05/07					<0.00039	ng/g	NC	30
6093649	33'44'55'-HexaCB-(169)	2019/05/07	93	50 - 150	94	50 - 150	<0.0016	ng/g	NC	30
6093649	33'44'5-PentaCB-(126)	2019/05/07	106	50 - 150	101	50 - 150	<0.00094	ng/g	NC (1)	30
6093649	33'44'-TetraCB-(77)	2019/05/07	95	50 - 150	93	50 - 150	<0.0016	ng/g	NC	30
6093649	33'455'-PentaCB-(127)	2019/05/07					<0.00081	ng/g	NC (1)	30
6093649	33'45-TetraCB-(78)	2019/05/07					<0.0012	ng/g	NC	30
6093649	33'45'-TetraCB(79)	2019/05/07					<0.0010	ng/g	NC	30
6093649	33'4-TriCB-(35)	2019/05/07					<0.00084	ng/g	NC	30
6093649	33'55'-TetraCB-(80)	2019/05/07					<0.00099	ng/g	NC	30
6093649	33'5-TriCB-(36)	2019/05/07					<0.00072	ng/g	NC	30
6093649	344'5-TetraCB-(81)	2019/05/07	98	50 - 150	94	50 - 150	<0.0016	ng/g	NC	30
6093649	344'-TriCB-(37)	2019/05/07	92	50 - 150	92	50 - 150	<0.0015	ng/g	NC (1)	30
6093649	345-TriCB-(38)	2019/05/07					<0.00083	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	34'5-TriCB-(39)	2019/05/07					<0.00081	ng/g	NC	30
6093649	3-MonoCB-(2)	2019/05/07					<0.00051	ng/g	NC	30
6093649	4,4'-DiCB-(15)	2019/05/07	102	50 - 150	99	50 - 150	<0.00069	ng/g	NC	30
6093649	4-MonoCB-(3)	2019/05/07	99	50 - 150	96	50 - 150	<0.00058	ng/g	NC	30
6093649	DecaCB-(209)	2019/05/07	92	50 - 150	94	50 - 150	<0.0025	ng/g	NC	30
6093649	DiCB-(12)+(13)	2019/05/07					<0.00039	ng/g	NC	30
6093649	HeptaCB-(171)+(173)	2019/05/07					<0.0019	ng/g	1.0	30
6093649	HeptaCB-(180)+(193)	2019/05/07	80	50 - 150	80	50 - 150	<0.0015	ng/g	0.22	30
6093649	HexaCB-(128)+(166)	2019/05/07					<0.0019	ng/g	2.6	30
6093649	HexaCB-(129)+(138)+(163)	2019/05/07					0.0044, RDL=0.030	ng/g	1.0	30
6093649	HexaCB-(134)+(143)	2019/05/07					<0.0024	ng/g	NC	30
6093649	HexaCB-(135)+(151)	2019/05/07					<0.0033	ng/g	4.5	30
6093649	HexaCB-(139)+(140)	2019/05/07					<0.0019	ng/g	NC	30
6093649	HexaCB-(147)+(149)	2019/05/07					<0.0020	ng/g	4.2	30
6093649	HexaCB-(153)+(168)	2019/05/07					0.0047, RDL=0.0099	ng/g	2.9	30
6093649	HexaCB-(156)+(157)	2019/05/07	100	50 - 150	93	50 - 150	<0.0016	ng/g	2.9	30
6093649	OctaCB-(198)+(199)	2019/05/07					<0.0027	ng/g	3.7	30
6093649	PentaCB-(108)+(124)	2019/05/07					<0.00079	ng/g	NC	30
6093649	PentaCB-(110)+(115)	2019/05/07					<0.0013	ng/g	0.044	30
6093649	PentaCB-(83)+(99)	2019/05/07					<0.0018	ng/g	1.4	30
6093649	PentaCB-(85)+(116)+(117)	2019/05/07					<0.0013	ng/g	5.0	30
6093649	PentaCB-(86)(87)(97)(109)(119)(125)	2019/05/07					<0.0014	ng/g	2.6	30
6093649	PentaCB-(88)+(91)	2019/05/07					<0.0017	ng/g	5.2	30
6093649	PentaCB-(90)+(101)+(113)	2019/05/07					<0.0014	ng/g	0.060	30
6093649	PentaCB-(93)+(98)+(100)+(102)	2019/05/07					<0.0017	ng/g	NC	30
6093649	TetraCB-(40)+(41)+(71)	2019/05/07					<0.0019	ng/g	NC	30
6093649	TetraCB-(44)+(47)+(65)	2019/05/07					<0.0018	ng/g	0.16	30
6093649	TetraCB-(45)+(51)	2019/05/07					<0.0019	ng/g	NC	30
6093649	TetraCB-(49)+TetraCB-(69)	2019/05/07					<0.0017	ng/g	1.5	30
6093649	TetraCB-(50)+(53)	2019/05/07					<0.0019	ng/g	NC	30
6093649	TetraCB-(59)+(62)+(75)	2019/05/07					<0.0014	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6093649	TetraCB-(61)+(70)+(74)+(76)	2019/05/07					<0.0011	ng/g	2.4	30
6093649	TriCB-(18)+(30)	2019/05/07					<0.0019	ng/g	NC	30
6093649	TriCB-(20) + (28)	2019/05/07					<0.00088 (1)	ng/g	2.3	30
6093649	TriCB-(21)+(33)	2019/05/07					<0.00083	ng/g	NC	30
6093649	TriCB-(26)+(29)	2019/05/07					<0.00081	ng/g	NC	30
6095379	Acenaphthene	2019/05/01	86	50 - 150	85	60 - 140	0.114, RDL=0.50	ng/g	13	50
6095379	Acenaphthylene	2019/05/01	88	50 - 150	90	60 - 140	<0.048	ng/g	15	50
6095379	Anthracene	2019/05/01	55	50 - 150	84	60 - 140	<0.053	ng/g	48	50
6095379	Benzo(a)anthracene	2019/05/01	71	50 - 150	76	60 - 140	<0.022	ng/g	NC	50
6095379	Benzo(a)pyrene	2019/05/01	102	50 - 150	106	60 - 140	<0.037	ng/g	NC	50
6095379	Benzo(b/j)fluoranthene	2019/05/01	88	50 - 150	89	60 - 140	<0.022	ng/g	NC	50
6095379	Benzo(g,h,i)perylene	2019/05/01	82	50 - 150	82	60 - 140	<0.020	ng/g	NC	50
6095379	Benzo(k)fluoranthene	2019/05/01	79	50 - 150	74	60 - 140	<0.021	ng/g	NC	50
6095379	Chrysene	2019/05/01	77	50 - 150	75	60 - 140	<0.023	ng/g	NC	50
6095379	Dibenz(a,h)anthracene	2019/05/01	77	50 - 150	77	60 - 140	<0.026	ng/g	NC	50
6095379	Fluoranthene	2019/05/01	81	50 - 150	85	60 - 140	0.042, RDL=0.50	ng/g	12	50
6095379	Fluorene	2019/05/01	86	50 - 150	90	60 - 140	0.135, RDL=0.50	ng/g	12	50
6095379	Indeno(1,2,3-cd)pyrene	2019/05/01	76	50 - 150	78	60 - 140	0.028, RDL=0.50	ng/g	NC	50
6095379	Naphthalene	2019/05/01	88	50 - 150	106	60 - 140	0.895, RDL=0.50	ng/g	16	50
6095379	Phenanthrene	2019/05/01	92	50 - 150	92	60 - 140	0.188, RDL=0.50	ng/g	19	50
6095379	Pyrene	2019/05/01	86	50 - 150	95	60 - 140	0.032, RDL=0.50	ng/g	NC	50
6095733	2,3-DiCB-(5)	2019/05/01					<0.0047	ng/g	NC	30
6095733	2,3'-DiCB-(6)	2019/05/01					<0.0044	ng/g	NC	30
6095733	2,4-DiCB-(7)	2019/05/01					<0.0043	ng/g	NC	30
6095733	2,4'-DiCB-(8)	2019/05/01					<0.0041	ng/g	22	30
6095733	2,5-DiCB-(9)	2019/05/01					<0.0044	ng/g	NC	30
6095733	2,6-DiCB-(10)	2019/05/01					<0.0046	ng/g	NC	30
6095733	22'33'44'55'6-NonaCB-(206)	2019/05/01	108	50 - 150	112	50 - 150	<0.035	ng/g	23	30
6095733	22'33'44'55'-OctaCB-(194)	2019/05/01					0.022, RDL=0.0097	ng/g	14	30
6095733	22'33'44'566'-NonaCB-(207)	2019/05/01					<0.030	ng/g	NC	30
6095733	22'33'44'56-OctaCB-(195)	2019/05/01					<0.014	ng/g	9.4	30
6095733	22'33'44'56'-OctaCB-(196)	2019/05/01					<0.015	ng/g	9.8	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	22'33'44'5-HeptaCB-(170)	2019/05/01	98	50 - 150	142	50 - 150	0.041, RDL=0.0097	ng/g	13	30
6095733	22'33'44'66'OctaCB-(197)	2019/05/01					<0.012	ng/g	17	30
6095733	22'33'455'66'-NonaCB-(208)	2019/05/01	93	50 - 150	111	50 - 150	<0.036	ng/g	10	30
6095733	22'33'455'-HeptaCB-(172)	2019/05/01					<0.016	ng/g	2.5	30
6095733	22'33'4566'-OctaCB-(200)	2019/05/01					<0.0099	ng/g	16	30
6095733	22'33'45'66'-OctaCB-(201)	2019/05/01					<0.011	ng/g	13	30
6095733	22'33'456'-HeptaCB-(174)	2019/05/01					0.036, RDL=0.0097	ng/g	12	30
6095733	22'33'45'6-HeptaCB-(175)	2019/05/01					<0.0067	ng/g	11	30
6095733	22'33'45'6'-HeptaCB-(177)	2019/05/01					0.064, RDL=0.0097	ng/g	17	30
6095733	22'33'45'-HexaCB-(130)	2019/05/01					0.022, RDL=0.0097	ng/g	13	30
6095733	22'33'466'-HeptaCB-(176)	2019/05/01					0.0108, RDL=0.0097	ng/g	19	30
6095733	22'33'46-HexaCB-(131)	2019/05/01					<0.018	ng/g	11	30
6095733	22'33'46'-HexaCB-(132)	2019/05/01					0.043, RDL=0.0097	ng/g	13	30
6095733	22'33'4-PentaCB-(82)	2019/05/01					<0.0088	ng/g	16	30
6095733	22'33'55'66'-OctaCB-(202)	2019/05/01	90	50 - 150	114	50 - 150	0.021, RDL=0.0097	ng/g	17	30
6095733	22'33'55'6-HeptaCB-(178)	2019/05/01					0.0433, RDL=0.0097	ng/g	17	30
6095733	22'33'55'-HexaCB-(133)	2019/05/01					<0.016	ng/g	14	30
6095733	22'33'566'-HeptaCB-(179)	2019/05/01					0.0411, RDL=0.0097	ng/g	27	30
6095733	22'33'66'-HexaCB-(136)	2019/05/01					0.016, RDL=0.0097	ng/g	26	30
6095733	22'33'6-PentaCB-(84)	2019/05/01					0.0141, RDL=0.0097	ng/g	17	30
6095733	22'344'55'6-OctaCB-(203)	2019/05/01					<0.014	ng/g	10	30
6095733	22'344'566'-OctaCB-(204)	2019/05/01					<0.011	ng/g	NC	30
6095733	22'344'56-HeptaCB-(181)	2019/05/01					<0.015	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	22'344'56'-HeptaCB-(182)	2019/05/01					<0.0066	ng/g	NC	30
6095733	22'344'5'6-HeptaCB-(183)	2019/05/01					0.027, RDL=0.0097	ng/g	12	30
6095733	22'344'5-HexaCB-(137)	2019/05/01					<0.015	ng/g	5.9	30
6095733	22'344'66'-HeptaCB-(184)	2019/05/01					<0.0048	ng/g	2.1	30
6095733	22'3455'6-HeptaCB-(185)	2019/05/01					<0.021	ng/g	14	30
6095733	22'34'55'6-HeptaCB-(187)	2019/05/01					0.212, RDL=0.0097	ng/g	12	30
6095733	22'3455'-HexaCB-(141)	2019/05/01					0.024, RDL=0.0097	ng/g	11	30
6095733	22'34'55'-HexaCB-(146)	2019/05/01					0.104, RDL=0.0097	ng/g	12	30
6095733	22'34566'-HeptaCB-(186)	2019/05/01					<0.0051	ng/g	NC	30
6095733	22'34'566'-HeptaCB-(188)	2019/05/01	97	50 - 150	98	50 - 150	<0.0049	ng/g	NC	30
6095733	22'3456-HexaCB-(142)	2019/05/01					<0.017	ng/g	NC	30
6095733	22'345'6-HexaCB-(144)	2019/05/01					<0.014	ng/g	26	30
6095733	22'34'56'-HexaCB-(148)	2019/05/01					<0.014	ng/g	NC	30
6095733	22'3466'-HexaCB-(145)	2019/05/01					<0.010	ng/g	NC	30
6095733	22'34'66'-HexaCB-(150)	2019/05/01					<0.010	ng/g	NC	30
6095733	22'346'-PentaCB-(89)	2019/05/01					<0.0085	ng/g	NC	30
6095733	22'34'-TetraCB-(42)	2019/05/01					<0.013	ng/g	19	30
6095733	22'355'-PentaCB-(92)	2019/05/01					0.0374, RDL=0.0097	ng/g	14	30
6095733	22'3566'-HexaCB-(152)	2019/05/01					<0.0096	ng/g	NC	30
6095733	22'356'-PentaCB-(94)	2019/05/01					<0.0081	ng/g	18	30
6095733	22'35'6-PentaCB-(95)	2019/05/01					0.0579, RDL=0.0097	ng/g	15	30
6095733	22'35-TetraCB-(43)	2019/05/01					<0.012	ng/g	21	30
6095733	22'366'-PentaCB-(96)	2019/05/01					<0.0029	ng/g	NC	30
6095733	22'36'-TetraCB-(46)	2019/05/01					<0.012	ng/g	2.5	30
6095733	22'3-TriCB-(16)	2019/05/01					<0.012	ng/g	13	30
6095733	22'44'56'-HexaCB-(154)	2019/05/01					<0.012	ng/g	25	30
6095733	22'44'66'-HexaCB-(155)	2019/05/01	96	50 - 150	94	50 - 150	<0.0076	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	22'45'6-PentaCB-(103)	2019/05/01					<0.0071	ng/g	20	30
6095733	22'45-TetraCB-(48)	2019/05/01					<0.0098	ng/g	13	30
6095733	22'466'-PentaCB-(104)	2019/05/01	95	50 - 150	92	50 - 150	<0.0019	ng/g	NC	30
6095733	22'4-TriCB-(17)	2019/05/01					<0.0079	ng/g	9.7	30
6095733	22'55'-TetraCB-(52)	2019/05/01					0.0552, RDL=0.0097	ng/g	16	30
6095733	22'66'-TetraCB-(54)	2019/05/01	93	50 - 150	96	50 - 150	<0.0029	ng/g	NC	30
6095733	22'6-TriCB-(19)	2019/05/01	89	50 - 150	95	50 - 150	<0.0057	ng/g	NC	30
6095733	22'-DiCB-(4)	2019/05/01	100	50 - 150	105	50 - 150	<0.0042	ng/g	NC (1)	30
6095733	233'44'55'6-OctaCB-(205)	2019/05/01	111	50 - 150	102	50 - 150	<0.013	ng/g	30	30
6095733	233'44'55'-HeptaCB-(189)	2019/05/01	98	50 - 150	109	50 - 150	<0.0057	ng/g	7.2	30
6095733	233'44'56-HeptaCB-(190)	2019/05/01					<0.012	ng/g	6.8	30
6095733	233'44'5'6-HeptaCB-(191)	2019/05/01					<0.012	ng/g	7.4	30
6095733	233'44'6-HexaCB-(158)	2019/05/01					0.016, RDL=0.0097	ng/g	11	30
6095733	233'44'-PentaCB-(105)	2019/05/01	79	50 - 150	159 (38)	50 - 150	0.0608, RDL=0.0097	ng/g	6.9	30
6095733	233'455'6-HeptaCB-(192)	2019/05/01					<0.012	ng/g	NC	30
6095733	233'455'-HexaCB-(159)	2019/05/01					<0.0060	ng/g	9.6	30
6095733	233'4'55'-HexaCB-(162)	2019/05/01					<0.0059	ng/g	NC	30
6095733	233'456-HexaCB-(160)	2019/05/01					<0.011	ng/g	NC	30
6095733	233'45'6-HexaCB-(161)	2019/05/01					<0.012	ng/g	NC	30
6095733	233'4'5'6-HexaCB-(164)	2019/05/01					0.019, RDL=0.0097	ng/g	16	30
6095733	233'45-PentaCB-(106)	2019/05/01					<0.0050	ng/g	NC	30
6095733	233'4'5-PentaCB-(107)	2019/05/01					0.0135, RDL=0.0097	ng/g	7.8	30
6095733	233'4'5'-PentaCB-(122)	2019/05/01					<0.0055	ng/g	14	30
6095733	233'4'-Tetra CB(56)	2019/05/01					0.0083, RDL=0.0097	ng/g	14	30
6095733	233'4-TetraCB-(55)	2019/05/01					<0.0037	ng/g	NC (1)	30
6095733	233'55'6-HexaCB-(165)	2019/05/01					<0.012	ng/g	NC	30
6095733	233'55'-PentaCB-(111)	2019/05/01					<0.0055	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	233'56-PentaCB-(112)	2019/05/01					<0.0056	ng/g	NC	30
6095733	233'5-TetraCB-(57)	2019/05/01					<0.0037	ng/g	NC (1)	30
6095733	233'5'-TetraCB-(58)	2019/05/01					<0.0035	ng/g	NC	30
6095733	23'44'55'-HexaCB-(167)	2019/05/01	98	50 - 150	124	50 - 150	0.0120, RDL=0.0097	ng/g	15	30
6095733	2344'5-PentaCB-(114)	2019/05/01	100	50 - 150	107	50 - 150	<0.0063	ng/g	13	30
6095733	23'44'5-PentaCB-(118)	2019/05/01	NC (37)	50 - 150	256 (3)	50 - 150	0.147, RDL=0.0097	ng/g	6.9	30
6095733	23'44'5'-PentaCB-(123)	2019/05/01	116	50 - 150	115	50 - 150	<0.0068	ng/g	6.0	30
6095733	2344'-TetraCB -(60)	2019/05/01					0.0110, RDL=0.0097	ng/g	13	30
6095733	23'44'-TetraCB-(66)	2019/05/01					0.0519, RDL=0.0097	ng/g	13	30
6095733	23'455'-PentaCB-(120)	2019/05/01					<0.0052	ng/g	NC	30
6095733	23'45'6-PentaCB-(121)	2019/05/01					<0.0056	ng/g	NC	30
6095733	234'5-TetraCB-(63)	2019/05/01					<0.0036	ng/g	13	30
6095733	23'45-TetraCB-(67)	2019/05/01					<0.0034	ng/g	5.0	30
6095733	23'45'-TetraCB-(68)	2019/05/01					<0.0033	ng/g	18	30
6095733	234'6-TetraCB-(64)	2019/05/01					0.0146, RDL=0.0097	ng/g	17	30
6095733	234'-TriCB-(22)	2019/05/01					<0.0018 (1)	ng/g	9.9	30
6095733	23'4-TriCB-(25)	2019/05/01					<0.0015	ng/g	6.4	30
6095733	23'55'-TetraCB-(72)	2019/05/01					<0.0035	ng/g	8.9	30
6095733	23'5'6-TetraCB-(73)	2019/05/01					<0.0082	ng/g	NC	30
6095733	235-TriCB-(23)	2019/05/01					<0.0015	ng/g	NC	30
6095733	23'5'-TriCB-(34)	2019/05/01					<0.0015	ng/g	NC	30
6095733	236-TriCB-(24)	2019/05/01					<0.0052	ng/g	NC	30
6095733	23'6-TriCB-(27)	2019/05/01					<0.0059	ng/g	12	30
6095733	24'5-TriCB-(31)	2019/05/01					0.0123, RDL=0.0097	ng/g	11	30
6095733	24'6-TriCB-(32)	2019/05/01					<0.0053	ng/g	9.9	30
6095733	2-MonoCB-(1)	2019/05/01	102	50 - 150	103	50 - 150	<0.0020	ng/g	NC	30
6095733	3,3'-DiCB-(11)	2019/05/01					0.0063, RDL=0.0097	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	3,5-DiCB-(14)	2019/05/01					<0.0043	ng/g	NC	30
6095733	33'44'55'-HexaCB-(169)	2019/05/01	104	50 - 150	106	50 - 150	<0.0073	ng/g	NC	30
6095733	33'44'5-PentaCB-(126)	2019/05/01	123	50 - 150	104	50 - 150	<0.0060	ng/g	NC	30
6095733	33'44'-TetraCB-(77)	2019/05/01	94	50 - 150	105	50 - 150	0.0058, RDL=0.0097	ng/g	7.6	30
6095733	33'455'-PentaCB-(127)	2019/05/01					<0.0052	ng/g	NC	30
6095733	33'45-TetraCB-(78)	2019/05/01					<0.0037	ng/g	NC	30
6095733	33'45'-TetraCB(79)	2019/05/01					<0.0032	ng/g	16	30
6095733	33'4-TriCB-(35)	2019/05/01					<0.0015	ng/g	NC	30
6095733	33'55'-TetraCB-(80)	2019/05/01					<0.0031	ng/g	NC	30
6095733	33'5-TriCB-(36)	2019/05/01					<0.0013	ng/g	NC	30
6095733	344'5-TetraCB-(81)	2019/05/01	112	50 - 150	104	50 - 150	<0.0047	ng/g	NC	30
6095733	344'-TriCB-(37)	2019/05/01	100	50 - 150	100	50 - 150	0.0062, RDL=0.0097	ng/g	10	30
6095733	345-TriCB-(38)	2019/05/01					<0.0015	ng/g	NC	30
6095733	34'5-TriCB-(39)	2019/05/01					<0.0014	ng/g	NC	30
6095733	3-MonoCB-(2)	2019/05/01					<0.0018	ng/g	NC	30
6095733	4,4'-DiCB-(15)	2019/05/01	107	50 - 150	111	50 - 150	<0.0071	ng/g	NC (1)	30
6095733	4-MonoCB-(3)	2019/05/01	98	50 - 150	102	50 - 150	<0.0019	ng/g	NC	30
6095733	DecaCB-(209)	2019/05/01	106	50 - 150	113	50 - 150	<0.029	ng/g	15	30
6095733	DiCB-(12)+(13)	2019/05/01					<0.0043	ng/g	NC	30
6095733	HeptaCB-(171)+(173)	2019/05/01					0.021, RDL=0.019	ng/g	12	30
6095733	HeptaCB-(180)+(193)	2019/05/01	98	50 - 150	221 (3)	50 - 150	0.128, RDL=0.019	ng/g	4.1	30
6095733	HexaCB-(128)+(166)	2019/05/01					0.052, RDL=0.019	ng/g	9.9	30
6095733	HexaCB-(129)+(138)+(163)	2019/05/01					0.372, RDL=0.029	ng/g	12	30
6095733	HexaCB-(134)+(143)	2019/05/01					<0.018	ng/g	13	30
6095733	HexaCB-(135)+(151)	2019/05/01					0.108, RDL=0.019	ng/g	19	30
6095733	HexaCB-(139)+(140)	2019/05/01					<0.014	ng/g	18	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	HexaCB-(147)+(149)	2019/05/01					0.202, RDL=0.019	ng/g	14	30
6095733	HexaCB-(153)+(168)	2019/05/01					0.391, RDL=0.0097	ng/g	14	30
6095733	HexaCB-(156)+(157)	2019/05/01	99	50 - 150	113	50 - 150	0.0273, RDL=0.019	ng/g	9.1	30
6095733	OctaCB-(198)+(199)	2019/05/01					0.039, RDL=0.019	ng/g	10	30
6095733	PentaCB-(108)+(124)	2019/05/01					<0.0051	ng/g	8.7	30
6095733	PentaCB-(110)+(115)	2019/05/01					0.116, RDL=0.019	ng/g	13	30
6095733	PentaCB-(83)+(99)	2019/05/01					0.151, RDL=0.019	ng/g	14	30
6095733	PentaCB-(85)+(116)+(117)	2019/05/01					0.0294, RDL=0.029	ng/g	10	30
6095733	PentaCB-(86)(87)(97)(109)(119)(125)	2019/05/01					0.0642, RDL=0.058	ng/g	13	30
6095733	PentaCB-(88)+(91)	2019/05/01					0.0195, RDL=0.019	ng/g	17	30
6095733	PentaCB-(90)+(101)+(113)	2019/05/01					0.183, RDL=0.029	ng/g	15	30
6095733	PentaCB-(93)+(98)+(100)+(102)	2019/05/01					<0.0078	ng/g	22	30
6095733	TetraCB-(40)+(41)+(71)	2019/05/01					<0.010	ng/g	16	30
6095733	TetraCB-(44)+(47)+(65)	2019/05/01					0.0380, RDL=0.029	ng/g	15	30
6095733	TetraCB-(45)+(51)	2019/05/01					<0.010	ng/g	16	30
6095733	TetraCB-(49)+TetraCB-(69)	2019/05/01					0.0229, RDL=0.019	ng/g	15	30
6095733	TetraCB-(50)+(53)	2019/05/01					<0.010	ng/g	17	30
6095733	TetraCB-(59)+(62)+(75)	2019/05/01					<0.0073	ng/g	13	30
6095733	TetraCB-(61)+(70)+(74)+(76)	2019/05/01					0.0712, RDL=0.039	ng/g	14	30
6095733	TriCB-(18)+(30)	2019/05/01					<0.0065	ng/g	3.5	30
6095733	TriCB-(20) + (28)	2019/05/01					0.0207, RDL=0.019	ng/g	11	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6095733	TriCB-(21)+(33)	2019/05/01					0.0019, RDL=0.019	ng/g	11	30
6095733	TriCB-(26)+(29)	2019/05/01					<0.0014	ng/g	10	30
6098264	1,2,3,4,6,7,8-Hepta CDD	2019/05/02	109	70 - 140	107	70 - 140	0.402, EDL=0.111	pg/g	NC	25
6098264	1,2,3,4,6,7,8-Hepta CDF	2019/05/02	100	82 - 122	83	82 - 122	0.131, EDL=0.112	pg/g	NC	25
6098264	1,2,3,4,7,8,9-Hepta CDF	2019/05/02	96	78 - 138	91	78 - 138	<0.110, EDL=0.110	pg/g	NC	25
6098264	1,2,3,4,7,8-Hexa CDD	2019/05/02	105	70 - 164	103	70 - 164	<0.109, EDL=0.109	pg/g	NC	25
6098264	1,2,3,4,7,8-Hexa CDF	2019/05/02	104	72 - 134	102	72 - 134	<0.115, EDL=0.115	pg/g	NC	25
6098264	1,2,3,6,7,8-Hexa CDD	2019/05/02	105	76 - 134	101	76 - 134	<0.161, EDL=0.161 (1)	pg/g	NC (1)	25
6098264	1,2,3,6,7,8-Hexa CDF	2019/05/02	106	84 - 130	103	84 - 130	<0.113, EDL=0.113	pg/g	NC	25
6098264	1,2,3,7,8,9-Hexa CDD	2019/05/02	111	64 - 162	116	64 - 162	<0.102, EDL=0.102	pg/g	NC	25
6098264	1,2,3,7,8,9-Hexa CDF	2019/05/02	120	78 - 130	115	78 - 130	<0.113, EDL=0.113	pg/g	NC	25
6098264	1,2,3,7,8-Penta CDD	2019/05/02	100	25 - 181	104	25 - 181	<0.115, EDL=0.115	pg/g	NC	25
6098264	1,2,3,7,8-Penta CDF	2019/05/02	116	80 - 134	113	80 - 134	<0.109, EDL=0.109	pg/g	NC	25
6098264	2,3,4,6,7,8-Hexa CDF	2019/05/02	115	70 - 156	109	70 - 156	<0.109, EDL=0.109	pg/g	NC	25
6098264	2,3,4,7,8-Penta CDF	2019/05/02	112	68 - 160	106	68 - 160	<0.102, EDL=0.102	pg/g	NC	25
6098264	2,3,7,8-Tetra CDD	2019/05/02	105	67 - 158	106	67 - 158	<0.109, EDL=0.109	pg/g	NC	25
6098264	2,3,7,8-Tetra CDF	2019/05/02	112	75 - 158	112	75 - 158	0.252, EDL=0.101	pg/g	NC (1)	25
6098264	Octa CDD	2019/05/02	105	78 - 144	104	78 - 144	0.415, EDL=0.102	pg/g	NC (1)	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6098264	Octa CDF	2019/05/02	108	63 - 170	104	63 - 170	<0.107, EDL=0.107	pg/g	NC	25
6098264	Total Hepta CDD	2019/05/02					0.726, EDL=0.111	pg/g	NC	25
6098264	Total Hepta CDF	2019/05/02					0.131, EDL=0.111	pg/g	NC	25
6098264	Total Hexa CDD	2019/05/02					0.297, EDL=0.107	pg/g	NC (1)	25
6098264	Total Hexa CDF	2019/05/02					0.143, EDL=0.113	pg/g	NC	25
6098264	Total Penta CDD	2019/05/02					<0.115, EDL=0.115	pg/g	NC	25
6098264	Total Penta CDF	2019/05/02					0.267, EDL=0.106	pg/g	NC	25
6098264	Total Tetra CDD	2019/05/02					<0.109, EDL=0.109	pg/g	NC	25
6098264	Total Tetra CDF	2019/05/02					0.375, EDL=0.101	pg/g	NC	25
6104533	Acenaphthene	2019/05/05	88	50 - 150	93	60 - 140	0.146, RDL=0.50	ng/g	8.9	50
6104533	Acenaphthylene	2019/05/05	85	50 - 150	83	60 - 140	<0.078	ng/g	NC	50
6104533	Anthracene	2019/05/05	20 (40)	50 - 150	75	60 - 140	<0.049	ng/g	0.087	50
6104533	Benzo(a)anthracene	2019/05/05	71	50 - 150	67	60 - 140	0.046, RDL=0.50	ng/g	NC	50
6104533	Benzo(a)pyrene	2019/05/05	98	50 - 150	113	60 - 140	<0.11	ng/g	NC	50
6104533	Benzo(b/j)fluoranthene	2019/05/05	82	50 - 150	83	60 - 140	<0.068	ng/g	NC	50
6104533	Benzo(g,h,i)perylene	2019/05/05	77	50 - 150	75	60 - 140	<0.069	ng/g	NC	50
6104533	Benzo(k)fluoranthene	2019/05/05	69	50 - 150	68	60 - 140	<0.066	ng/g	NC	50
6104533	Chrysene	2019/05/05	68	50 - 150	70	60 - 140	0.030, RDL=0.50	ng/g	NC	50
6104533	Dibenz(a,h)anthracene	2019/05/05	70	50 - 150	74	60 - 140	<0.029	ng/g	NC	50
6104533	Fluoranthene	2019/05/05	80	50 - 150	83	60 - 140	<0.057	ng/g	2.0	50
6104533	Fluorene	2019/05/05	81	50 - 150	76	60 - 140	0.164, RDL=0.50	ng/g	NC	50
6104533	Indeno(1,2,3-cd)pyrene	2019/05/05	79	50 - 150	80	60 - 140	<0.055	ng/g	NC	50
6104533	Naphthalene	2019/05/05	101	50 - 150	110	60 - 140	0.96, RDL=0.50	ng/g	5.9	50
6104533	Phenanthrene	2019/05/05	73	50 - 150	79	60 - 140	0.201, RDL=0.50	ng/g	5.8	50
6104533	Pyrene	2019/05/05	85	50 - 150	87	60 - 140	<0.055	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6108403	Confirmation 2,3,7,8-Tetra CDF	2019/05/03					<0.056, EDL=0.056	pg/g		
6110763	Confirmation 2,3,7,8-Tetra CDF	2019/05/06					<0.083, EDL=0.083	pg/g	NC	100
6110845	Confirmation 2,3,7,8-Tetra CDF	2019/05/07					<0.13, EDL=0.13	pg/g		
6113141	1,2,3,4,6,7,8-Hepta CDD	2019/05/17	112	70 - 140	112	70 - 140	<0.104, EDL=0.104	pg/g	NC	25
6113141	1,2,3,4,6,7,8-Hepta CDF	2019/05/17	98	82 - 122	100	82 - 122	<0.108, EDL=0.108	pg/g	NC	25
6113141	1,2,3,4,7,8,9-Hepta CDF	2019/05/17	112	78 - 138	102	78 - 138	<0.106, EDL=0.106	pg/g	NC	25
6113141	1,2,3,4,7,8-Hexa CDD	2019/05/17	117	70 - 164	112	70 - 164	<0.117, EDL=0.117	pg/g	NC	25
6113141	1,2,3,4,7,8-Hexa CDF	2019/05/17	112	72 - 134	107	72 - 134	<0.119, EDL=0.119	pg/g	NC	25
6113141	1,2,3,6,7,8-Hexa CDD	2019/05/17	108	76 - 134	110	76 - 134	<0.112, EDL=0.112	pg/g	NC	25
6113141	1,2,3,6,7,8-Hexa CDF	2019/05/17	117	84 - 130	104	84 - 130	<0.116, EDL=0.116	pg/g	NC	25
6113141	1,2,3,7,8,9-Hexa CDD	2019/05/17	107	64 - 162	118	64 - 162	<0.109, EDL=0.109	pg/g	NC	25
6113141	1,2,3,7,8,9-Hexa CDF	2019/05/17	111	78 - 130	115	78 - 130	<0.116, EDL=0.116	pg/g	NC	25
6113141	1,2,3,7,8-Penta CDD	2019/05/17	108	25 - 181	105	25 - 181	<0.117, EDL=0.117	pg/g	NC	25
6113141	1,2,3,7,8-Penta CDF	2019/05/17	119	80 - 134	119	80 - 134	<0.105, EDL=0.105	pg/g	NC	25
6113141	2,3,4,6,7,8-Hexa CDF	2019/05/17	114	70 - 156	111	70 - 156	<0.112, EDL=0.112	pg/g	NC	25
6113141	2,3,4,7,8-Penta CDF	2019/05/17	115	68 - 160	111	68 - 160	<0.0983, EDL=0.0983	pg/g	NC	25
6113141	2,3,7,8-Tetra CDD	2019/05/17	119	67 - 158	118	67 - 158	<0.114, EDL=0.114	pg/g	NC	25
6113141	2,3,7,8-Tetra CDF	2019/05/17	120	75 - 158	123	75 - 158	<0.119, EDL=0.119	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113141	Octa CDD	2019/05/17	113	78 - 144	113	78 - 144	<0.208, EDL=0.208 (1)	pg/g	NC	25
6113141	Octa CDF	2019/05/17	120	63 - 170	118	63 - 170	<0.106, EDL=0.106	pg/g	NC	25
6113141	Total Hepta CDD	2019/05/17					<0.104, EDL=0.104	pg/g	NC	25
6113141	Total Hepta CDF	2019/05/17					<0.107, EDL=0.107	pg/g	NC	25
6113141	Total Hexa CDD	2019/05/17					<0.114, EDL=0.114	pg/g	NC (1)	25
6113141	Total Hexa CDF	2019/05/17					<0.116, EDL=0.116	pg/g	NC	25
6113141	Total Penta CDD	2019/05/17					<0.117, EDL=0.117	pg/g	NC	25
6113141	Total Penta CDF	2019/05/17					<0.102, EDL=0.102	pg/g	NC	25
6113141	Total Tetra CDD	2019/05/17					<0.114, EDL=0.114	pg/g	NC	25
6113141	Total Tetra CDF	2019/05/17					<0.119, EDL=0.119	pg/g	NC	25
6113570	Acenaphthene	2019/05/10	145	50 - 150	100	60 - 140	<0.30	ng/g	NC	50
6113570	Acenaphthylene	2019/05/10	117	50 - 150	84	60 - 140	<0.41	ng/g	NC	50
6113570	Anthracene	2019/05/10	100	50 - 150	67	60 - 140	<0.21	ng/g	NC	50
6113570	Benzo(a)anthracene	2019/05/10	105	50 - 150	65	60 - 140	<0.10	ng/g	NC	50
6113570	Benzo(a)pyrene	2019/05/10	97	50 - 150	58 (44)	60 - 140	<0.15	ng/g	NC	50
6113570	Benzo(b/j)fluoranthene	2019/05/10	102	50 - 150	66	60 - 140	<0.11	ng/g	NC	50
6113570	Benzo(g,h,i)perylene	2019/05/10	102	50 - 150	66	60 - 140	<0.14	ng/g	NC	50
6113570	Benzo(k)fluoranthene	2019/05/10	101	50 - 150	57 (44)	60 - 140	<0.099	ng/g	NC	50
6113570	Chrysene	2019/05/10	110	50 - 150	61	60 - 140	<0.10	ng/g	NC	50
6113570	Dibenz(a,h)anthracene	2019/05/10	108	50 - 150	59 (44)	60 - 140	<0.14	ng/g	NC	50
6113570	Fluoranthene	2019/05/10	106	50 - 150	68	60 - 140	<0.16	ng/g	NC	50
6113570	Fluorene	2019/05/10	89	50 - 150	59 (44)	60 - 140	0.13, RDL=0.50	ng/g	NC	50
6113570	Indeno(1,2,3-cd)pyrene	2019/05/10	108	50 - 150	63	60 - 140	<0.11	ng/g	NC	50
6113570	Naphthalene	2019/05/10	115	50 - 150	106	60 - 140	0.86, RDL=0.50	ng/g	16	50

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113570	Phenanthrene	2019/05/10	108	50 - 150	75	60 - 140	0.25, RDL=0.50	ng/g	NC	50
6113570	Pyrene	2019/05/10	117	50 - 150	75	60 - 140	<0.15	ng/g	NC	50
6113655	2,3-DiCB-(5)	2019/05/10					<0.013	ng/g	NC	30
6113655	2,3'-DiCB-(6)	2019/05/10					<0.013	ng/g	NC	30
6113655	2,4-DiCB-(7)	2019/05/10					<0.013	ng/g	NC	30
6113655	2,4'-DiCB-(8)	2019/05/10					<0.012	ng/g	NC	30
6113655	2,5-DiCB-(9)	2019/05/10					<0.013	ng/g	NC	30
6113655	2,6-DiCB-(10)	2019/05/10					<0.0024	ng/g	NC	30
6113655	22'33'44'55'6-NonaCB-(206)	2019/05/10	118	50 - 150	90	50 - 150	<0.0062	ng/g	NC	30
6113655	22'33'44'55'-OctaCB-(194)	2019/05/10					<0.0045	ng/g	NC	30
6113655	22'33'44'566'-NonaCB-(207)	2019/05/10					<0.0052	ng/g	NC	30
6113655	22'33'44'56-OctaCB-(195)	2019/05/10					<0.0045	ng/g	NC	30
6113655	22'33'44'56'-OctaCB-(196)	2019/05/10					<0.011	ng/g	NC	30
6113655	22'33'44'5-HeptaCB-(170)	2019/05/10	97	50 - 150	104	50 - 150	<0.00064	ng/g	NC	30
6113655	22'33'44'66'OctaCB-(197)	2019/05/10					<0.0063	ng/g	NC	30
6113655	22'33'455'66'-NonaCB-(208)	2019/05/10	101	50 - 150	112	50 - 150	<0.0064	ng/g	NC	30
6113655	22'33'455'-HeptaCB-(172)	2019/05/10					<0.00088	ng/g	NC	30
6113655	22'33'4566'-OctaCB-(200)	2019/05/10					<0.0085	ng/g	NC	30
6113655	22'33'45'66'-OctaCB-(201)	2019/05/10					<0.0074	ng/g	NC	30
6113655	22'33'456'-HeptaCB-(174)	2019/05/10					<0.00076	ng/g	NC	30
6113655	22'33'45'6-HeptaCB-(175)	2019/05/10					<0.0038	ng/g	NC	30
6113655	22'33'45'6'-HeptaCB-(177)	2019/05/10					<0.00086	ng/g	NC	30
6113655	22'33'45'-HexaCB-(130)	2019/05/10					<0.021	ng/g	NC	30
6113655	22'33'466'-HeptaCB-(176)	2019/05/10					<0.0030	ng/g	NC	30
6113655	22'33'46-HexaCB-(131)	2019/05/10					<0.022	ng/g	NC	30
6113655	22'33'46'-HexaCB-(132)	2019/05/10					<0.020	ng/g	NC	30
6113655	22'33'4-PentaCB-(82)	2019/05/10					<0.0090	ng/g	NC	30
6113655	22'33'55'66'-OctaCB-(202)	2019/05/10	98	50 - 150	91	50 - 150	<0.0074	ng/g	NC	30
6113655	22'33'55'6-HeptaCB-(178)	2019/05/10					<0.0041	ng/g	NC	30
6113655	22'33'55'-HexaCB-(133)	2019/05/10					<0.020	ng/g	NC	30
6113655	22'33'566'-HeptaCB-(179)	2019/05/10					<0.0029	ng/g	NC	30
6113655	22'33'66'-HexaCB-(136)	2019/05/10					<0.0020	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	22'33'6-PentaCB-(84)	2019/05/10					<0.0083	ng/g	NC	30
6113655	22'344'55'6-OctaCB-(203)	2019/05/10					<0.0097	ng/g	NC	30
6113655	22'344'566'-OctaCB-(204)	2019/05/10					<0.0076	ng/g	NC	30
6113655	22'344'56-HeptaCB-(181)	2019/05/10					<0.00079	ng/g	NC	30
6113655	22'344'56'-HeptaCB-(182)	2019/05/10	113	50 - 150	121	50 - 150	<0.0038	ng/g	NC	30
6113655	22'344'5'6-HeptaCB-(183)	2019/05/10					<0.00080	ng/g	NC	30
6113655	22'344'5-HexaCB-(137)	2019/05/10					<0.021	ng/g	NC	30
6113655	22'344'66'-HeptaCB-(184)	2019/05/10					<0.0028	ng/g	NC	30
6113655	22'3455'6-HeptaCB-(185)	2019/05/10					<0.00073	ng/g	NC	30
6113655	22'34'55'6-HeptaCB-(187)	2019/05/10	124	50 - 150	120	50 - 150	<0.0037	ng/g	NC	30
6113655	22'3455'-HexaCB-(141)	2019/05/10					<0.017	ng/g	NC	30
6113655	22'34'55'-HexaCB-(146)	2019/05/10					<0.017	ng/g	NC	30
6113655	22'34566'-HeptaCB-(186)	2019/05/10					<0.0030	ng/g	NC	30
6113655	22'34'566'-HeptaCB-(188)	2019/05/10	103	50 - 150	96	50 - 150	<0.0032	ng/g	NC	30
6113655	22'3456-HexaCB-(142)	2019/05/10					<0.020	ng/g	NC	30
6113655	22'345'6-HexaCB-(144)	2019/05/10					<0.0026	ng/g	NC	30
6113655	22'34'56'-HexaCB-(148)	2019/05/10					<0.0026	ng/g	NC	30
6113655	22'3466'-HexaCB-(145)	2019/05/10					<0.0020	ng/g	NC	30
6113655	22'34'66'-HexaCB-(150)	2019/05/10					<0.0020	ng/g	NC	30
6113655	22'346'-PentaCB-(89)	2019/05/10					<0.0083	ng/g	NC	30
6113655	22'34'-TetraCB-(42)	2019/05/10					<0.0069	ng/g	NC	30
6113655	22'355'-PentaCB-(92)	2019/05/10					<0.0078	ng/g	NC	30
6113655	22'3566'-HexaCB-(152)	2019/05/10					<0.0020	ng/g	NC	30
6113655	22'356'-PentaCB-(94)	2019/05/10					<0.0083	ng/g	NC	30
6113655	22'35'6-PentaCB-(95)	2019/05/10					<0.0077	ng/g	NC	30
6113655	22'35-TetraCB-(43)	2019/05/10					<0.0065	ng/g	NC	30
6113655	22'366'-PentaCB-(96)	2019/05/10					<0.0017	ng/g	NC	30
6113655	22'36'-TetraCB-(46)	2019/05/10					<0.0064	ng/g	NC	30
6113655	22'3-TriCB-(16)	2019/05/10					<0.013	ng/g	NC	30
6113655	22'44'56'-HexaCB-(154)	2019/05/10					<0.0022	ng/g	NC	30
6113655	22'44'66'-HexaCB-(155)	2019/05/10	95	50 - 150	95	50 - 150	<0.0015	ng/g	NC	30
6113655	22'45'6-PentaCB-(103)	2019/05/10					<0.0072	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	22'45-TetraCB-(48)	2019/05/10					<0.0053	ng/g	NC	30
6113655	22'466'-PentaCB-(104)	2019/05/10	93	50 - 150	97	50 - 150	<0.0011	ng/g	NC	30
6113655	22'4-TriCB-(17)	2019/05/10					<0.011	ng/g	NC	30
6113655	22'55'-TetraCB-(52)	2019/05/10					<0.0049	ng/g	NC (1)	30
6113655	22'66'-TetraCB-(54)	2019/05/10	99	50 - 150	91	50 - 150	<0.00091	ng/g	NC	30
6113655	22'6-TriCB-(19)	2019/05/10	103	50 - 150	94	50 - 150	<0.0083	ng/g	NC	30
6113655	22'-DiCB-(4)	2019/05/10	105	50 - 150	108	50 - 150	<0.0022	ng/g	NC	30
6113655	233'44'55'6-OctaCB-(205)	2019/05/10	95	50 - 150	100	50 - 150	<0.0043	ng/g	NC	30
6113655	233'44'55'-HeptaCB-(189)	2019/05/10	104	50 - 150	109	50 - 150	<0.0050	ng/g	NC	30
6113655	233'44'56-HeptaCB-(190)	2019/05/10					<0.00065	ng/g	NC	30
6113655	233'44'5'6-HeptaCB-(191)	2019/05/10					<0.00063	ng/g	NC	30
6113655	233'44'6-HexaCB-(158)	2019/05/10					<0.013	ng/g	NC	30
6113655	233'44'-PentaCB-(105)	2019/05/10	103	50 - 150	99	50 - 150	<0.0057	ng/g	NC	30
6113655	233'455'6-HeptaCB-(192)	2019/05/10					<0.00066	ng/g	NC	30
6113655	233'455'-HexaCB-(159)	2019/05/10					<0.0014	ng/g	NC	30
6113655	233'4'55'-HexaCB-(162)	2019/05/10					<0.0014	ng/g	NC	30
6113655	233'456-HexaCB-(160)	2019/05/10					<0.015	ng/g	NC	30
6113655	233'45'6-HexaCB-(161)	2019/05/10					<0.014	ng/g	NC	30
6113655	233'4'5'6-HexaCB-(164)	2019/05/10					<0.013	ng/g	NC	30
6113655	233'45-PentaCB-(106)	2019/05/10					<0.0046	ng/g	NC	30
6113655	233'4'5-PentaCB-(107)	2019/05/10					<0.0045	ng/g	NC	30
6113655	233'4'5'-PentaCB-(122)	2019/05/10					<0.0049	ng/g	NC	30
6113655	233'4'-Tetra CB(56)	2019/05/10					<0.0034	ng/g	NC	30
6113655	233'4-TetraCB-(55)	2019/05/10					<0.0034	ng/g	NC	30
6113655	233'55'6-HexaCB-(165)	2019/05/10					<0.015	ng/g	NC	30
6113655	233'55'-PentaCB-(111)	2019/05/10					<0.0056	ng/g	NC	30
6113655	233'56-PentaCB-(112)	2019/05/10					<0.0055	ng/g	NC	30
6113655	233'5-TetraCB-(57)	2019/05/10					<0.0032	ng/g	NC	30
6113655	233'5'-TetraCB-(58)	2019/05/10					<0.0032	ng/g	NC	30
6113655	23'44'55'-HexaCB-(167)	2019/05/10	111	50 - 150	103	50 - 150	<0.0016	ng/g	NC	30
6113655	2344'5-PentaCB-(114)	2019/05/10	102	50 - 150	100	50 - 150	<0.0055	ng/g	NC	30
6113655	23'44'5-PentaCB-(118)	2019/05/10	104	50 - 150	114	50 - 150	<0.0055	ng/g	19	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	23'44'5'-PentaCB-(123)	2019/05/10	102	50 - 150	101	50 - 150	<0.0060	ng/g	NC	30
6113655	2344'-TetraCB -(60)	2019/05/10					<0.0032	ng/g	NC	30
6113655	23'44'-TetraCB-(66)	2019/05/10					<0.0031	ng/g	NC	30
6113655	23'455'-PentaCB-(120)	2019/05/10					<0.0053	ng/g	NC	30
6113655	23'45'6-PentaCB-(121)	2019/05/10					<0.0055	ng/g	NC	30
6113655	234'5-TetraCB-(63)	2019/05/10					<0.0031	ng/g	NC	30
6113655	23'45-TetraCB-(67)	2019/05/10					<0.0028	ng/g	NC	30
6113655	23'45'-TetraCB-(68)	2019/05/10					<0.0028	ng/g	NC	30
6113655	234'6-TetraCB-(64)	2019/05/10					<0.0044	ng/g	NC	30
6113655	234'-TriCB-(22)	2019/05/10					<0.0036	ng/g	NC	30
6113655	23'4-TriCB-(25)	2019/05/10					<0.0036	ng/g	NC	30
6113655	23'55'-TetraCB-(72)	2019/05/10					<0.0030	ng/g	NC	30
6113655	23'5'6-TetraCB-(73)	2019/05/10					<0.0043	ng/g	NC	30
6113655	235-TriCB-(23)	2019/05/10	89	50 - 150	85	50 - 150	<0.0040	ng/g	NC	30
6113655	23'5'-TriCB-(34)	2019/05/10	82	50 - 150	75	50 - 150	<0.0037	ng/g	NC	30
6113655	236-TriCB-(24)	2019/05/10					<0.0091	ng/g	NC	30
6113655	23'6-TriCB-(27)	2019/05/10					<0.0082	ng/g	NC	30
6113655	24'5-TriCB-(31)	2019/05/10					<0.0034	ng/g	NC	30
6113655	24'6-TriCB-(32)	2019/05/10					<0.0080	ng/g	NC	30
6113655	2-MonoCB-(1)	2019/05/10	103	50 - 150	110	50 - 150	<0.0011	ng/g	NC	30
6113655	3,3'-DiCB-(11)	2019/05/10					<0.013	ng/g	NC	30
6113655	3,5-DiCB-(14)	2019/05/10					<0.013	ng/g	NC	30
6113655	33'44'55'-HexaCB-(169)	2019/05/10	95	50 - 150	93	50 - 150	<0.0017	ng/g	NC	30
6113655	33'44'5-PentaCB-(126)	2019/05/10	97	50 - 150	102	50 - 150	<0.0052	ng/g	NC	30
6113655	33'44'-TetraCB-(77)	2019/05/10	91	50 - 150	105	50 - 150	<0.0041	ng/g	NC	30
6113655	33'455'-PentaCB-(127)	2019/05/10					<0.0047	ng/g	NC	30
6113655	33'45-TetraCB-(78)	2019/05/10					<0.0033	ng/g	NC	30
6113655	33'45'-TetraCB(79)	2019/05/10					<0.0029	ng/g	NC	30
6113655	33'4-TriCB-(35)	2019/05/10					<0.0035	ng/g	NC	30
6113655	33'55'-TetraCB-(80)	2019/05/10					<0.0028	ng/g	NC	30
6113655	33'5-TriCB-(36)	2019/05/10					<0.0032	ng/g	NC	30
6113655	344'5-TetraCB-(81)	2019/05/10	96	50 - 150	101	50 - 150	<0.0040	ng/g	NC	30

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	344'-TriCB-(37)	2019/05/10	93	50 - 150	94	50 - 150	<0.0058	ng/g	NC	30
6113655	345-TriCB-(38)	2019/05/10					<0.0036	ng/g	NC	30
6113655	34'5-TriCB-(39)	2019/05/10					<0.0033	ng/g	NC	30
6113655	3-MonoCB-(2)	2019/05/10					<0.00099	ng/g	NC	30
6113655	4,4'-DiCB-(15)	2019/05/10	105	50 - 150	104	50 - 150	<0.019	ng/g	NC	30
6113655	4-MonoCB-(3)	2019/05/10	94	50 - 150	96	50 - 150	<0.0011	ng/g	NC	30
6113655	DecaCB-(209)	2019/05/10	123	50 - 150	75 (45)	50 - 150	<0.013	ng/g	NC	30
6113655	DiCB-(12)+(13)	2019/05/10					<0.012	ng/g	NC	30
6113655	HeptaCB-(171)+(173)	2019/05/10					<0.00082	ng/g	NC	30
6113655	HeptaCB-(180)+(193)	2019/05/10	74	50 - 150	86	50 - 150	<0.00063	ng/g	3.0	30
6113655	HexaCB-(128)+(166)	2019/05/10	90	N/A	93	N/A	<0.016	ng/g	NC	30
6113655	HexaCB-(129)+(138)+(163)	2019/05/10					<0.018	ng/g	0.85	30
6113655	HexaCB-(134)+(143)	2019/05/10					<0.021	ng/g	NC	30
6113655	HexaCB-(135)+(151)	2019/05/10					<0.0027	ng/g	NC	30
6113655	HexaCB-(139)+(140)	2019/05/10					<0.018	ng/g	NC	30
6113655	HexaCB-(147)+(149)	2019/05/10					<0.017	ng/g	NC	30
6113655	HexaCB-(153)+(168)	2019/05/10					<0.014	ng/g	4.0	30
6113655	HexaCB-(156)+(157)	2019/05/10	100	50 - 150	97	50 - 150	<0.0017	ng/g	NC	30
6113655	OctaCB-(198)+(199)	2019/05/10					<0.011	ng/g	NC	30
6113655	PentaCB-(108)+(124)	2019/05/10					<0.0046	ng/g	NC	30
6113655	PentaCB-(110)+(115)	2019/05/10					<0.0062	ng/g	NC (1)	30
6113655	PentaCB-(83)+(99)	2019/05/10					<0.0079	ng/g	1.0	30
6113655	PentaCB-(85)+(116)+(117)	2019/05/10					<0.0060	ng/g	NC	30
6113655	PentaCB-(86)(87)(97)(109)(119)(125)	2019/05/10					<0.0064	ng/g	NC	30
6113655	PentaCB-(88)+(91)	2019/05/10					<0.0079	ng/g	NC	30
6113655	PentaCB-(90)+(101)+(113)	2019/05/10	103	N/A	99	N/A	<0.0066	ng/g	NC	30
6113655	PentaCB-(93)+(98)+(100)+(102)	2019/05/10					<0.0078	ng/g	NC	30
6113655	TetraCB-(40)+(41)+(71)	2019/05/10					<0.0053	ng/g	NC	30
6113655	TetraCB-(44)+(47)+(65)	2019/05/10					<0.0051	ng/g	NC	30
6113655	TetraCB-(45)+(51)	2019/05/10					<0.0056	ng/g	NC	30
6113655	TetraCB-(49)+TetraCB-(69)	2019/05/10					<0.0050	ng/g	NC	30
6113655	TetraCB-(50)+(53)	2019/05/10					<0.0056	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6113655	TetraCB-(59)+(62)+(75)	2019/05/10					<0.0039	ng/g	NC	30
6113655	TetraCB-(61)+(70)+(74)+(76)	2019/05/10					<0.0031	ng/g	NC	30
6113655	TriCB-(18)+(30)	2019/05/10					<0.0094	ng/g	NC	30
6113655	TriCB-(20) + (28)	2019/05/10					<0.0036	ng/g	NC	30
6113655	TriCB-(21)+(33)	2019/05/10					<0.0036	ng/g	NC	30
6113655	TriCB-(26)+(29)	2019/05/10					<0.0035	ng/g	NC	30
6117615	Acenaphthene	2019/05/13	118	50 - 150	113	60 - 140	<0.38	ng/g	NC	50
6117615	Acenaphthylene	2019/05/13	116	50 - 150	101	60 - 140	<0.23	ng/g	NC	50
6117615	Anthracene	2019/05/13	109	50 - 150	89	60 - 140	<0.18	ng/g	NC	50
6117615	Benzo(a)anthracene	2019/05/13	135	50 - 150	87	60 - 140	0.229, RDL=0.50	ng/g	NC	50
6117615	Benzo(a)pyrene	2019/05/13	123	50 - 150	90	60 - 140	0.36, RDL=0.50	ng/g	NC	50
6117615	Benzo(b/j)fluoranthene	2019/05/13	210 (46)	50 - 150	105	60 - 140	0.53, RDL=0.99	ng/g	NC	50
6117615	Benzo(g,h,i)perylene	2019/05/13	169 (46)	50 - 150	92	60 - 140	0.60, RDL=0.50	ng/g	26	50
6117615	Benzo(k)fluoranthene	2019/05/13	135	50 - 150	85	60 - 140	0.16, RDL=0.50	ng/g	NC	50
6117615	Chrysene	2019/05/13	161 (46)	50 - 150	95	60 - 140	0.285, RDL=0.50	ng/g	NC	50
6117615	Dibenz(a,h)anthracene	2019/05/13	133	50 - 150	92	60 - 140	0.16, RDL=0.50	ng/g	NC	50
6117615	Fluoranthene	2019/05/13	144	50 - 150	89	60 - 140	0.19, RDL=0.50	ng/g	NC	50
6117615	Fluorene	2019/05/13	117	50 - 150	87	60 - 140	<0.16	ng/g	NC	50
6117615	Indeno(1,2,3-cd)pyrene	2019/05/13	157 (46)	50 - 150	91	60 - 140	0.364, RDL=0.50	ng/g	3.4	50
6117615	Naphthalene	2019/05/13	113	50 - 150	124	60 - 140	1.06, RDL=0.50	ng/g	4.3	50
6117615	Phenanthrene	2019/05/13	118	50 - 150	95	60 - 140	0.27, RDL=0.50	ng/g	NC	50
6117615	Pyrene	2019/05/13	139	50 - 150	101	60 - 140	0.24, RDL=0.50	ng/g	NC	50
6117980	Acenaphthene	2019/05/14	100	50 - 150	122	60 - 140	<0.33	ng/g		
6117980	Acenaphthylene	2019/05/14	82	50 - 150	101	60 - 140	<0.28	ng/g		
6117980	Anthracene	2019/05/14	61	50 - 150	91	60 - 140	<0.34	ng/g		
6117980	Benzo(a)anthracene	2019/05/14	56	50 - 150	84	60 - 140	<0.17	ng/g		
6117980	Benzo(a)pyrene	2019/05/14	55	50 - 150	85	60 - 140	<0.19	ng/g		
6117980	Benzo(b/j)fluoranthene	2019/05/14	62	50 - 150	95	60 - 140	<0.15	ng/g		
6117980	Benzo(g,h,i)perylene	2019/05/14	63	50 - 150	84	60 - 140	<0.21	ng/g		
6117980	Benzo(k)fluoranthene	2019/05/14	55	50 - 150	76	60 - 140	<0.13	ng/g		
6117980	Chrysene	2019/05/14	63	50 - 150	97	60 - 140	<0.19	ng/g		
6117980	Dibenz(a,h)anthracene	2019/05/14	60	50 - 150	89	60 - 140	<0.14	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6117980	Fluoranthene	2019/05/14	72	50 - 150	89	60 - 140	<0.17	ng/g		
6117980	Fluorene	2019/05/14	66	50 - 150	86	60 - 140	<0.19	ng/g		
6117980	Indeno(1,2,3-cd)pyrene	2019/05/14	61	50 - 150	91	60 - 140	<0.17	ng/g		
6117980	Naphthalene	2019/05/14	104	50 - 150	121	60 - 140	1.11, RDL=0.50	ng/g		
6117980	Phenanthrene	2019/05/14	77	50 - 150	100	60 - 140	<0.32	ng/g		
6117980	Pyrene	2019/05/14	71	50 - 150	103	60 - 140	<0.16	ng/g		
6118079	Acenaphthene	2019/05/15	114	50 - 150	131	60 - 140	<0.12	ng/g	NC	50
6118079	Acenaphthylene	2019/05/15	105	50 - 150	110	60 - 140	<0.11	ng/g	NC	50
6118079	Anthracene	2019/05/15	75	50 - 150	99	60 - 140	<0.15	ng/g	NC	50
6118079	Benzo(a)anthracene	2019/05/15	84	50 - 150	117	60 - 140	0.183, RDL=0.48	ng/g	17	50
6118079	Benzo(a)pyrene	2019/05/15	76	50 - 150	130	60 - 140	0.38, RDL=0.48	ng/g	19	50
6118079	Benzo(b/j)fluoranthene	2019/05/15	102	50 - 150	156 (3)	60 - 140	0.550, RDL=0.97	ng/g	5.4	50
6118079	Benzo(g,h,i)perylene	2019/05/15	96	50 - 150	143 (3)	60 - 140	0.51, RDL=0.48	ng/g	10	50
6118079	Benzo(k)fluoranthene	2019/05/15	88	50 - 150	115	60 - 140	0.143, RDL=0.48	ng/g	NC	50
6118079	Chrysene	2019/05/15	91	50 - 150	125	60 - 140	0.239, RDL=0.48	ng/g	1.5	50
6118079	Dibenz(a,h)anthracene	2019/05/15	97	50 - 150	106	60 - 140	0.13, RDL=0.48	ng/g	NC	50
6118079	Fluoranthene	2019/05/15	89	50 - 150	123	60 - 140	0.21, RDL=0.48	ng/g	7.2	50
6118079	Fluorene	2019/05/15	81	50 - 150	99	60 - 140	<0.17	ng/g	NC	50
6118079	Indeno(1,2,3-cd)pyrene	2019/05/15	88	50 - 150	137	60 - 140	0.33, RDL=0.48	ng/g	NC	50
6118079	Naphthalene	2019/05/15	106	50 - 150	108	60 - 140	0.50, RDL=0.48	ng/g	36	50
6118079	Phenanthrene	2019/05/15	84	50 - 150	114	60 - 140	0.18, RDL=0.48	ng/g	12	50
6118079	Pyrene	2019/05/15	97	50 - 150	129	60 - 140	0.260, RDL=0.48	ng/g	6.6	50
6119366	1,2,3,4,6,7,8-Hepta CDD	2019/05/13	107	70 - 140	104	70 - 140	<0.276, EDL=0.276 (1)	pg/g	23	25
6119366	1,2,3,4,6,7,8-Hepta CDF	2019/05/13	96	82 - 122	98	82 - 122	<0.174, EDL=0.174	pg/g	NC (1)	25
6119366	1,2,3,4,7,8,9-Hepta CDF	2019/05/13	109	78 - 138	114	78 - 138	<0.168, EDL=0.168	pg/g	NC	25
6119366	1,2,3,4,7,8-Hexa CDD	2019/05/13	111	70 - 164	108	70 - 164	<0.259, EDL=0.259	pg/g	NC	25
6119366	1,2,3,4,7,8-Hexa CDF	2019/05/13	106	72 - 134	107	72 - 134	<0.195, EDL=0.195	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6119366	1,2,3,6,7,8-Hexa CDD	2019/05/13	112	76 - 134	113	76 - 134	<0.253, EDL=0.253	pg/g	NC	25
6119366	1,2,3,6,7,8-Hexa CDF	2019/05/13	107	84 - 130	107	84 - 130	<0.200, EDL=0.200	pg/g	NC	25
6119366	1,2,3,7,8,9-Hexa CDD	2019/05/13	117	64 - 162	113	64 - 162	<0.269, EDL=0.269	pg/g	NC	25
6119366	1,2,3,7,8,9-Hexa CDF	2019/05/13	111	78 - 130	114	78 - 130	<0.197, EDL=0.197	pg/g	NC	25
6119366	1,2,3,7,8-Penta CDD	2019/05/13	103	25 - 181	104	25 - 181	<0.173, EDL=0.173	pg/g	NC (1)	25
6119366	1,2,3,7,8-Penta CDF	2019/05/13	115	80 - 134	115	80 - 134	<0.177, EDL=0.177	pg/g	NC	25
6119366	2,3,4,6,7,8-Hexa CDF	2019/05/13	108	70 - 156	109	70 - 156	<0.185, EDL=0.185	pg/g	NC	25
6119366	2,3,4,7,8-Penta CDF	2019/05/13	107	68 - 160	106	68 - 160	<0.161, EDL=0.161	pg/g	NC	25
6119366	2,3,7,8-Tetra CDD	2019/05/13	106	67 - 158	96	67 - 158	<0.137, EDL=0.137	pg/g	NC	25
6119366	2,3,7,8-Tetra CDF	2019/05/13	106	75 - 158	109	75 - 158	<0.203, EDL=0.203	pg/g	NC	25
6119366	Octa CDD	2019/05/13	105	78 - 144	116	78 - 144	<0.346, EDL=0.346 (1)	pg/g	NC	25
6119366	Octa CDF	2019/05/13	117	63 - 170	123	63 - 170	<0.186, EDL=0.186	pg/g	NC	25
6119366	Total Hepta CDD	2019/05/13					<0.311, EDL=0.311 (1)	pg/g	NC	25
6119366	Total Hepta CDF	2019/05/13					<0.171, EDL=0.171	pg/g	NC	25
6119366	Total Hexa CDD	2019/05/13					<0.316, EDL=0.316 (1)	pg/g	2.6	25
6119366	Total Hexa CDF	2019/05/13					<0.194, EDL=0.194	pg/g	NC	25
6119366	Total Penta CDD	2019/05/13					<0.173, EDL=0.173	pg/g	NC (1)	25
6119366	Total Penta CDF	2019/05/13					<0.169, EDL=0.169	pg/g	NC (1)	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6119366	Total Tetra CDD	2019/05/13					<0.137, EDL=0.137	pg/g	19	25
6119366	Total Tetra CDF	2019/05/13					<0.203, EDL=0.203	pg/g	32 (50)	25
6120687	2,3-DiCB-(5)	2019/05/22					<0.030	ng/g	NC	30
6120687	2,3'-DiCB-(6)	2019/05/22					<0.030	ng/g	NC	30
6120687	2,4-DiCB-(7)	2019/05/22					<0.030	ng/g	NC	30
6120687	2,4'-DiCB-(8)	2019/05/22					<0.032	ng/g	NC (1)	30
6120687	2,5-DiCB-(9)	2019/05/22					<0.031	ng/g	NC	30
6120687	2,6-DiCB-(10)	2019/05/22					<0.015	ng/g	NC	30
6120687	22'33'44'55'6-NonaCB-(206)	2019/05/22	77	50 - 150	77	50 - 150	<0.013	ng/g	NC (1)	30
6120687	22'33'44'55'-OctaCB-(194)	2019/05/22					<0.010	ng/g	0.27	30
6120687	22'33'44'566'-NonaCB-(207)	2019/05/22					<0.011	ng/g	NC	30
6120687	22'33'44'56-OctaCB-(195)	2019/05/22					<0.011	ng/g	11	30
6120687	22'33'44'56'-OctaCB-(196)	2019/05/22					<0.013	ng/g	17	30
6120687	22'33'44'5-HeptaCB-(170)	2019/05/22	92	50 - 150	103	50 - 150	<0.0037	ng/g	7.0	30
6120687	22'33'44'66'OctaCB-(197)	2019/05/22					<0.018	ng/g	5.4	30
6120687	22'33'455'66'-NonaCB-(208)	2019/05/22	90	50 - 150	96	50 - 150	<0.013	ng/g	NC	30
6120687	22'33'455'-HeptaCB-(172)	2019/05/22					<0.0051	ng/g	13	30
6120687	22'33'4566'-OctaCB-(200)	2019/05/22					<0.0054	ng/g	20	30
6120687	22'33'45'66'-OctaCB-(201)	2019/05/22					<0.0083	ng/g	5.9	30
6120687	22'33'456'-HeptaCB-(174)	2019/05/22					<0.0043	ng/g	2.2	30
6120687	22'33'45'6-HeptaCB-(175)	2019/05/22					<0.0044	ng/g	19	30
6120687	22'33'45'6'-HeptaCB-(177)	2019/05/22					<0.0050	ng/g	0.79	30
6120687	22'33'45'-HexaCB-(130)	2019/05/22					<0.0069	ng/g	3.0	30
6120687	22'33'466'-HeptaCB-(176)	2019/05/22					<0.0032	ng/g	6.8	30
6120687	22'33'46-HexaCB-(131)	2019/05/22					<0.0074	ng/g	4.5	30
6120687	22'33'46'-HexaCB-(132)	2019/05/22					<0.0066	ng/g	8.0	30
6120687	22'33'4-PentaCB-(82)	2019/05/22					<0.0046	ng/g	12	30
6120687	22'33'55'66'-OctaCB-(202)	2019/05/22	89	50 - 150	98	50 - 150	<0.0083	ng/g	1.5	30
6120687	22'33'55'6-HeptaCB-(178)	2019/05/22					<0.0046	ng/g	6.1	30
6120687	22'33'55'-HexaCB-(133)	2019/05/22					<0.0064	ng/g	7.2	30
6120687	22'33'566'-HeptaCB-(179)	2019/05/22					<0.0031	ng/g	14	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	22'33'66'-HexaCB-(136)	2019/05/22					<0.0031	ng/g	4.6	30
6120687	22'33'6-PentaCB-(84)	2019/05/22					<0.0045	ng/g	23	30
6120687	22'344'55'6-OctaCB-(203)	2019/05/22					<0.011	ng/g	15	30
6120687	22'344'566'-OctaCB-(204)	2019/05/22					<0.0086	ng/g	NC	30
6120687	22'344'56-HeptaCB-(181)	2019/05/22					<0.0046	ng/g	NC	30
6120687	22'344'56'-HeptaCB-(182)	2019/05/22	84	50 - 150	107	50 - 150	<0.0041	ng/g	NC	30
6120687	22'344'5'6-HeptaCB-(183)	2019/05/22					<0.0032	ng/g	3.8	30
6120687	22'344'5-HexaCB-(137)	2019/05/22					<0.0077	ng/g	0.45	30
6120687	22'344'66'-HeptaCB-(184)	2019/05/22					<0.0030	ng/g	6.9	30
6120687	22'3455'6-HeptaCB-(185)	2019/05/22					<0.0075	ng/g	11	30
6120687	22'34'55'6-HeptaCB-(187)	2019/05/22	85	50 - 150	128	50 - 150	0.0151, RDL=0.0099	ng/g	8.4	30
6120687	22'3455'-HexaCB-(141)	2019/05/22					<0.0061	ng/g	5.0	30
6120687	22'34'55'-HexaCB-(146)	2019/05/22					0.0087, RDL=0.0099	ng/g	8.1	30
6120687	22'34566'-HeptaCB-(186)	2019/05/22					<0.0033	ng/g	NC	30
6120687	22'34'566'-HeptaCB-(188)	2019/05/22	88	50 - 150	91	50 - 150	<0.0033	ng/g	NC	30
6120687	22'3456-HexaCB-(142)	2019/05/22					<0.0067	ng/g	NC	30
6120687	22'345'6-HexaCB-(144)	2019/05/22					<0.0046	ng/g	20	30
6120687	22'34'56'-HexaCB-(148)	2019/05/22					<0.0043	ng/g	11	30
6120687	22'3466'-HexaCB-(145)	2019/05/22					<0.0032	ng/g	NC	30
6120687	22'34'66'-HexaCB-(150)	2019/05/22					<0.0030	ng/g	NC	30
6120687	22'346'-PentaCB-(89)	2019/05/22					<0.0043	ng/g	NC	30
6120687	22'34'-TetraCB-(42)	2019/05/22					<0.0060	ng/g	14	30
6120687	22'355'-PentaCB-(92)	2019/05/22					0.0060, RDL=0.0099	ng/g	24	30
6120687	22'3566'-HexaCB-(152)	2019/05/22					<0.0030	ng/g	NC	30
6120687	22'356'-PentaCB-(94)	2019/05/22					<0.0043	ng/g	1.1	30
6120687	22'35'6-PentaCB-(95)	2019/05/22					0.0086, RDL=0.0099	ng/g	21	30
6120687	22'35-TetraCB-(43)	2019/05/22					<0.0074	ng/g	12	30
6120687	22'366'-PentaCB-(96)	2019/05/22					<0.0037	ng/g	NC	30
6120687	22'36'-TetraCB-(46)	2019/05/22					<0.0060	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	22'3-TriCB-(16)	2019/05/22					<0.024	ng/g	15	30
6120687	22'44'56'-HexaCB-(154)	2019/05/22					<0.0037	ng/g	20	30
6120687	22'44'66'-HexaCB-(155)	2019/05/22	91	50 - 150	92	50 - 150	<0.0026	ng/g	NC	30
6120687	22'45'6-PentaCB-(103)	2019/05/22					<0.0036	ng/g	NC	30
6120687	22'45-TetraCB-(48)	2019/05/22					<0.0051	ng/g	6.3	30
6120687	22'466'-PentaCB-(104)	2019/05/22	93	50 - 150	94	50 - 150	<0.0025	ng/g	NC	30
6120687	22'4-TriCB-(17)	2019/05/22					<0.018	ng/g	11	30
6120687	22'55'-TetraCB-(52)	2019/05/22					0.0164, RDL=0.0099	ng/g	6.8	30
6120687	22'66'-TetraCB-(54)	2019/05/22	89	50 - 150	90	50 - 150	<0.0071	ng/g	NC	30
6120687	22'6-TriCB-(19)	2019/05/22	96	50 - 150	99	50 - 150	<0.013	ng/g	NC	30
6120687	22'-DiCB-(4)	2019/05/22	89	50 - 150	96	50 - 150	<0.015	ng/g	NC	30
6120687	233'44'55'6-OctaCB-(205)	2019/05/22	95	50 - 150	96	50 - 150	<0.0098	ng/g	NC (1)	30
6120687	233'44'55'-HeptaCB-(189)	2019/05/22	95	50 - 150	98	50 - 150	<0.0069	ng/g	7.7	30
6120687	233'44'56-HeptaCB-(190)	2019/05/22					<0.0038	ng/g	0.76	30
6120687	233'44'5'6-HeptaCB-(191)	2019/05/22					<0.0038	ng/g	NC	30
6120687	233'44'6-HexaCB-(158)	2019/05/22					<0.0043	ng/g	2.1	30
6120687	233'44'-PentaCB-(105)	2019/05/22	101	50 - 150	109	50 - 150	0.0121, RDL=0.0099	ng/g	9.6	30
6120687	233'455'6-HeptaCB-(192)	2019/05/22					<0.0040	ng/g	NC	30
6120687	233'455'-HexaCB-(159)	2019/05/22					<0.0030	ng/g	22	30
6120687	233'4'55'-HexaCB-(162)	2019/05/22					<0.0029	ng/g	2.3	30
6120687	233'456-HexaCB-(160)	2019/05/22					<0.0050	ng/g	NC	30
6120687	233'45'6-HexaCB-(161)	2019/05/22					<0.0044	ng/g	NC	30
6120687	233'4'5'6-HexaCB-(164)	2019/05/22					<0.0040	ng/g	0.78	30
6120687	233'45-PentaCB-(106)	2019/05/22					<0.0021	ng/g	NC	30
6120687	233'4'5-PentaCB-(107)	2019/05/22					<0.0019	ng/g	6.0	30
6120687	233'4'5'-PentaCB-(122)	2019/05/22					<0.0024	ng/g	3.4	30
6120687	233'4'-Tetra CB(56)	2019/05/22					<0.0031	ng/g	5.4	30
6120687	233'4-TetraCB-(55)	2019/05/22					<0.0030	ng/g	NC	30
6120687	233'55'6-HexaCB-(165)	2019/05/22					<0.0049	ng/g	NC	30
6120687	233'55'-PentaCB-(111)	2019/05/22					<0.0028	ng/g	NC	30
6120687	233'56-PentaCB-(112)	2019/05/22					<0.0027	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	233'5-TetraCB-(57)	2019/05/22					<0.0030	ng/g	NC	30
6120687	233'5'-TetraCB-(58)	2019/05/22					<0.0028	ng/g	NC	30
6120687	23'44'55'-HexaCB-(167)	2019/05/22	96	50 - 150	95	50 - 150	<0.0034	ng/g	5.0	30
6120687	2344'5-PentaCB-(114)	2019/05/22	95	50 - 150	97	50 - 150	<0.0027	ng/g	9.0	30
6120687	23'44'5-PentaCB-(118)	2019/05/22	121	50 - 150	123	50 - 150	0.0261, RDL=0.0099	ng/g	9.9	30
6120687	23'44'5'-PentaCB-(123)	2019/05/22	99	50 - 150	102	50 - 150	<0.0030	ng/g	20	30
6120687	2344'-TetraCB -(60)	2019/05/22					0.0042, RDL=0.0099	ng/g	6.7	30
6120687	23'44'-TetraCB-(66)	2019/05/22					0.0120, RDL=0.0099	ng/g	5.4	30
6120687	23'455'-PentaCB-(120)	2019/05/22					<0.0029	ng/g	NC	30
6120687	23'45'6-PentaCB-(121)	2019/05/22					<0.0029	ng/g	NC	30
6120687	234'5-TetraCB-(63)	2019/05/22					<0.0029	ng/g	6.6	30
6120687	23'45-TetraCB-(67)	2019/05/22					<0.0027	ng/g	9.4	30
6120687	23'45'-TetraCB-(68)	2019/05/22					<0.0029	ng/g	6.1	30
6120687	234'6-TetraCB-(64)	2019/05/22					0.0047, RDL=0.0099	ng/g	4.5	30
6120687	234'-TriCB-(22)	2019/05/22					<0.0026	ng/g	4.0	30
6120687	23'4-TriCB-(25)	2019/05/22					<0.0025	ng/g	6.1	30
6120687	23'55'-TetraCB-(72)	2019/05/22					<0.0030	ng/g	2.0	30
6120687	23'5'6-TetraCB-(73)	2019/05/22					<0.0035	ng/g	NC	30
6120687	235-TriCB-(23)	2019/05/22	60	50 - 150	71	50 - 150	<0.0027	ng/g	NC	30
6120687	23'5'-TriCB-(34)	2019/05/22	64	50 - 150	71	50 - 150	<0.0026	ng/g	NC	30
6120687	236-TriCB-(24)	2019/05/22					<0.014	ng/g	NC	30
6120687	23'6-TriCB-(27)	2019/05/22					<0.013	ng/g	1.7	30
6120687	24'5-TriCB-(31)	2019/05/22					0.0048, RDL=0.0099	ng/g	5.4	30
6120687	24'6-TriCB-(32)	2019/05/22					<0.013	ng/g	NC	30
6120687	2-MonoCB-(1)	2019/05/22	98	50 - 150	98	50 - 150	<0.0083	ng/g	NC	30
6120687	3,3'-DiCB-(11)	2019/05/22					<0.031	ng/g	NC (1)	30
6120687	3,5-DiCB-(14)	2019/05/22					<0.030	ng/g	NC	30
6120687	33'44'55'-HexaCB-(169)	2019/05/22	94	50 - 150	97	50 - 150	<0.0035	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	33'44'5-PentaCB-(126)	2019/05/22	93	50 - 150	92	50 - 150	<0.0026	ng/g	NC	30
6120687	33'44'-TetraCB-(77)	2019/05/22	101	50 - 150	93	50 - 150	<0.0040	ng/g	4.6	30
6120687	33'455'-PentaCB-(127)	2019/05/22					<0.0022	ng/g	NC (1)	30
6120687	33'45-TetraCB-(78)	2019/05/22					<0.0030	ng/g	NC	30
6120687	33'45'-TetraCB(79)	2019/05/22					<0.0027	ng/g	17	30
6120687	33'4-TriCB-(35)	2019/05/22					<0.0025	ng/g	NC	30
6120687	33'55'-TetraCB-(80)	2019/05/22					<0.0025	ng/g	NC	30
6120687	33'5-TriCB-(36)	2019/05/22					<0.0022	ng/g	NC	30
6120687	344'5-TetraCB-(81)	2019/05/22	95	50 - 150	95	50 - 150	<0.0039	ng/g	NC	30
6120687	344'-TriCB-(37)	2019/05/22	97	50 - 150	93	50 - 150	<0.0042	ng/g	2.2	30
6120687	345-TriCB-(38)	2019/05/22					<0.0025	ng/g	NC	30
6120687	34'5-TriCB-(39)	2019/05/22					<0.0023	ng/g	NC	30
6120687	3-MonoCB-(2)	2019/05/22					<0.0071	ng/g	NC	30
6120687	4,4'-DiCB-(15)	2019/05/22	104	50 - 150	98	50 - 150	<0.052	ng/g	18	30
6120687	4-MonoCB-(3)	2019/05/22	84	50 - 150	96	50 - 150	<0.0081	ng/g	NC	30
6120687	DecaCB-(209)	2019/05/22	83	50 - 150	99	50 - 150	<0.026	ng/g	NC	30
6120687	DiCB-(12)+(13)	2019/05/22					<0.030	ng/g	NC	30
6120687	HeptaCB-(171)+(173)	2019/05/22					<0.0048	ng/g	4.1	30
6120687	HeptaCB-(180)+(193)	2019/05/22	75	50 - 150	86	50 - 150	0.0077, RDL=0.020	ng/g	8.5	30
6120687	HexaCB-(128)+(166)	2019/05/22	81	N/A	97	N/A	<0.0054	ng/g	2.3	30
6120687	HexaCB-(129)+(138)+(163)	2019/05/22					0.0423, RDL=0.030	ng/g	2.4	30
6120687	HexaCB-(134)+(143)	2019/05/22					<0.0069	ng/g	2.0	30
6120687	HexaCB-(135)+(151)	2019/05/22					0.0069, RDL=0.020	ng/g	11	30
6120687	HexaCB-(139)+(140)	2019/05/22					<0.0056	ng/g	5.5	30
6120687	HexaCB-(147)+(149)	2019/05/22					0.0187, RDL=0.020	ng/g	4.2	30
6120687	HexaCB-(153)+(168)	2019/05/22					0.0417, RDL=0.0099	ng/g	4.1	30
6120687	HexaCB-(156)+(157)	2019/05/22	95	50 - 150	99	50 - 150	<0.0035	ng/g	3.9	30
6120687	OctaCB-(198)+(199)	2019/05/22					<0.012	ng/g	19	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6120687	PentaCB-(108)+(124)	2019/05/22					<0.0022	ng/g	5.7	30
6120687	PentaCB-(110)+(115)	2019/05/22					0.0196, RDL=0.020	ng/g	12	30
6120687	PentaCB-(83)+(99)	2019/05/22					0.0253, RDL=0.020	ng/g	22	30
6120687	PentaCB-(85)+(116)+(117)	2019/05/22					0.0067, RDL=0.030	ng/g	18	30
6120687	PentaCB-(86)(87)(97)(109)(119)(125)	2019/05/22					0.0122, RDL=0.060	ng/g	19	30
6120687	PentaCB-(88)+(91)	2019/05/22					<0.0040	ng/g	24	30
6120687	PentaCB-(90)+(101)+(113)	2019/05/22	98	N/A	117	N/A	0.0267, RDL=0.030	ng/g	22	30
6120687	PentaCB-(93)+(98)+(100)+(102)	2019/05/22					<0.0039	ng/g	NC	30
6120687	TetraCB-(40)+(41)+(71)	2019/05/22					<0.0051	ng/g	7.1	30
6120687	TetraCB-(44)+(47)+(65)	2019/05/22					<0.0093 (1)	ng/g	8.7	30
6120687	TetraCB-(45)+(51)	2019/05/22					<0.0052	ng/g	1.8	30
6120687	TetraCB-(49)+TetraCB-(69)	2019/05/22					0.0049, RDL=0.020	ng/g	8.0	30
6120687	TetraCB-(50)+(53)	2019/05/22					<0.0049	ng/g	2.5	30
6120687	TetraCB-(59)+(62)+(75)	2019/05/22					<0.0038	ng/g	13	30
6120687	TetraCB-(61)+(70)+(74)+(76)	2019/05/22					0.0229, RDL=0.040	ng/g	6.7	30
6120687	TriCB-(18)+(30)	2019/05/22					<0.015	ng/g	7.5	30
6120687	TriCB-(20) + (28)	2019/05/22					0.0056, RDL=0.020	ng/g	4.5	30
6120687	TriCB-(21)+(33)	2019/05/22					<0.0025	ng/g	3.3	30
6120687	TriCB-(26)+(29)	2019/05/22					<0.0024	ng/g	2.2	30
6125075	1,2,3,4,6,7,8-Hepta CDD	2019/05/20	122	70 - 140	115	70 - 140	<0.111, EDL=0.111	pg/g	NC	25
6125075	1,2,3,4,6,7,8-Hepta CDF	2019/05/20	104	82 - 122	98	82 - 122	<0.114, EDL=0.114	pg/g	NC	25
6125075	1,2,3,4,7,8,9-Hepta CDF	2019/05/20	113	78 - 138	108	78 - 138	<0.111, EDL=0.111	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6125075	1,2,3,4,7,8-Hexa CDD	2019/05/20	118	70 - 164	111	70 - 164	<0.116, EDL=0.116	pg/g	NC	25
6125075	1,2,3,4,7,8-Hexa CDF	2019/05/20	111	72 - 134	108	72 - 134	<0.105, EDL=0.105	pg/g	NC	25
6125075	1,2,3,6,7,8-Hexa CDD	2019/05/20	117	76 - 134	106	76 - 134	<0.111, EDL=0.111	pg/g	NC	25
6125075	1,2,3,6,7,8-Hexa CDF	2019/05/20	111	84 - 130	121	84 - 130	<0.103, EDL=0.103	pg/g	NC	25
6125075	1,2,3,7,8,9-Hexa CDD	2019/05/20	116	64 - 162	122	64 - 162	<0.109, EDL=0.109	pg/g	NC	25
6125075	1,2,3,7,8,9-Hexa CDF	2019/05/20	112	78 - 130	107	78 - 130	0.127, EDL=0.103	pg/g	NC	25
6125075	1,2,3,7,8-Penta CDD	2019/05/20	113	25 - 181	108	25 - 181	<0.101, EDL=0.101	pg/g	NC	25
6125075	1,2,3,7,8-Penta CDF	2019/05/20	120	80 - 134	119	80 - 134	<0.112, EDL=0.112	pg/g	NC	25
6125075	2,3,4,6,7,8-Hexa CDF	2019/05/20	115	70 - 156	112	70 - 156	<0.0991, EDL=0.0991	pg/g	NC	25
6125075	2,3,4,7,8-Penta CDF	2019/05/20	115	68 - 160	109	68 - 160	<0.104, EDL=0.104	pg/g	NC	25
6125075	2,3,7,8-Tetra CDD	2019/05/20	124	67 - 158	118	67 - 158	<0.112, EDL=0.112	pg/g	NC	25
6125075	2,3,7,8-Tetra CDF	2019/05/20	126	75 - 158	125	75 - 158	<0.108, EDL=0.108	pg/g	NC	25
6125075	Octa CDD	2019/05/20	115	78 - 144	111	78 - 144	0.330, EDL=0.109	pg/g	NC	25
6125075	Octa CDF	2019/05/20	124	63 - 170	117	63 - 170	0.239, EDL=0.113	pg/g	NC	25
6125075	Total Hepta CDD	2019/05/20					<0.111, EDL=0.111	pg/g	NC	25
6125075	Total Hepta CDF	2019/05/20					<0.112, EDL=0.112	pg/g	NC	25
6125075	Total Hexa CDD	2019/05/20					<0.115, EDL=0.115 (1)	pg/g	NC	25
6125075	Total Hexa CDF	2019/05/20					0.127, EDL=0.102	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6125075	Total Penta CDD	2019/05/20					<0.101, EDL=0.101	pg/g	NC	25
6125075	Total Penta CDF	2019/05/20					<0.108, EDL=0.108	pg/g	NC	25
6125075	Total Tetra CDD	2019/05/20					<0.112, EDL=0.112	pg/g	NC	25
6125075	Total Tetra CDF	2019/05/20					<0.108, EDL=0.108	pg/g	NC	25
6126053	2,3-DiCB-(5)	2019/05/16					<0.0020	ng/g	NC	30
6126053	2,3'-DiCB-(6)	2019/05/16					<0.0020	ng/g	NC	30
6126053	2,4-DiCB-(7)	2019/05/16					<0.0019	ng/g	NC	30
6126053	2,4'-DiCB-(8)	2019/05/16					<0.0020	ng/g	NC	30
6126053	2,5-DiCB-(9)	2019/05/16					<0.0020	ng/g	NC	30
6126053	2,6-DiCB-(10)	2019/05/16					<0.0018	ng/g	NC	30
6126053	22'33'44'55'6-NonaCB-(206)	2019/05/16	90	50 - 150	84	50 - 150	<0.00052	ng/g	NC	30
6126053	22'33'44'55'-OctaCB-(194)	2019/05/16					<0.00040	ng/g	NC	30
6126053	22'33'44'566'-NonaCB-(207)	2019/05/16					<0.00044	ng/g	NC	30
6126053	22'33'44'56-OctaCB-(195)	2019/05/16					<0.00041	ng/g	NC	30
6126053	22'33'44'56'-OctaCB-(196)	2019/05/16					<0.00083	ng/g	NC	30
6126053	22'33'44'5-HeptaCB-(170)	2019/05/16	78	50 - 150	94	50 - 150	<0.00095	ng/g	13	30
6126053	22'33'44'66'OctaCB-(197)	2019/05/16					<0.0011	ng/g	NC	30
6126053	22'33'455'66'-NonaCB-(208)	2019/05/16	94	50 - 150	89	50 - 150	<0.00055	ng/g	NC	30
6126053	22'33'455'-HeptaCB-(172)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'33'4566'-OctaCB-(200)	2019/05/16					<0.00039	ng/g	NC	30
6126053	22'33'45'66'-OctaCB-(201)	2019/05/16					<0.00059	ng/g	NC	30
6126053	22'33'456'-HeptaCB-(174)	2019/05/16					<0.0012	ng/g	NC	30
6126053	22'33'45'6-HeptaCB-(175)	2019/05/16					<0.0028	ng/g	NC	30
6126053	22'33'45'6'-HeptaCB-(177)	2019/05/16					<0.0012	ng/g	NC	30
6126053	22'33'45'-HexaCB-(130)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'33'466'-HeptaCB-(176)	2019/05/16					<0.0021	ng/g	NC	30
6126053	22'33'46-HexaCB-(131)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'33'46'-HexaCB-(132)	2019/05/16					<0.0013	ng/g	5.7	30
6126053	22'33'4-PentaCB-(82)	2019/05/16					<0.0013	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	22'33'55'66'-OctaCB-(202)	2019/05/16	84	50 - 150	93	50 - 150	<0.00056	ng/g	NC	30
6126053	22'33'55'6-HeptaCB-(178)	2019/05/16					<0.0030	ng/g	6.4	30
6126053	22'33'55'-HexaCB-(133)	2019/05/16					<0.0012	ng/g	NC (1)	30
6126053	22'33'566'-HeptaCB-(179)	2019/05/16					<0.0021	ng/g	NC (1)	30
6126053	22'33'66'-HexaCB-(136)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'33'6-PentaCB-(84)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'344'55'6-OctaCB-(203)	2019/05/16					<0.00075	ng/g	NC	30
6126053	22'344'566'-OctaCB-(204)	2019/05/16					<0.00059	ng/g	NC	30
6126053	22'344'56-HeptaCB-(181)	2019/05/16					<0.0012	ng/g	NC	30
6126053	22'344'56'-HeptaCB-(182)	2019/05/16	85	50 - 150			<0.0027	ng/g	NC	30
6126053	22'344'5'6-HeptaCB-(183)	2019/05/16					<0.00085	ng/g	9.3	30
6126053	22'344'5-HexaCB-(137)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'344'66'-HeptaCB-(184)	2019/05/16					<0.0019	ng/g	NC	30
6126053	22'3455'6-HeptaCB-(185)	2019/05/16					<0.0016	ng/g	NC	30
6126053	22'34'55'6-HeptaCB-(187)	2019/05/16	66	50 - 150			<0.0026	ng/g	6.5	30
6126053	22'3455'-HexaCB-(141)	2019/05/16					<0.0011	ng/g	NC	30
6126053	22'34'55'-HexaCB-(146)	2019/05/16					<0.0011	ng/g	1.1	30
6126053	22'34566'-HeptaCB-(186)	2019/05/16					<0.0021	ng/g	NC	30
6126053	22'34'566'-HeptaCB-(188)	2019/05/16	89	50 - 150	90	50 - 150	<0.0021	ng/g	NC	30
6126053	22'3456-HexaCB-(142)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'345'6-HexaCB-(144)	2019/05/16					<0.0019	ng/g	NC	30
6126053	22'34'56'-HexaCB-(148)	2019/05/16					<0.0018	ng/g	NC	30
6126053	22'3466'-HexaCB-(145)	2019/05/16					<0.0014	ng/g	NC	30
6126053	22'34'66'-HexaCB-(150)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'346'-PentaCB-(89)	2019/05/16					<0.0013	ng/g	NC	30
6126053	22'34'-TetraCB-(42)	2019/05/16					<0.0018	ng/g	NC	30
6126053	22'355'-PentaCB-(92)	2019/05/16					<0.0012	ng/g	2.5	30
6126053	22'3566'-HexaCB-(152)	2019/05/16					<0.0014	ng/g	NC	30
6126053	22'356'-PentaCB-(94)	2019/05/16					<0.0012	ng/g	NC	30
6126053	22'35'6-PentaCB-(95)	2019/05/16					<0.0011	ng/g	4.1	30
6126053	22'35-TetraCB-(43)	2019/05/16					<0.0022	ng/g	NC	30
6126053	22'366'-PentaCB-(96)	2019/05/16					<0.00024	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	22'36'-TetraCB-(46)	2019/05/16					<0.0018	ng/g	NC	30
6126053	22'3-TriCB-(16)	2019/05/16					<0.0035	ng/g	NC	30
6126053	22'44'56'-HexaCB-(154)	2019/05/16					<0.0016	ng/g	NC	30
6126053	22'44'66'-HexaCB-(155)	2019/05/16	98	50 - 150	89	50 - 150	<0.0010	ng/g	NC	30
6126053	22'45'6-PentaCB-(103)	2019/05/16					<0.0011	ng/g	NC	30
6126053	22'45-TetraCB-(48)	2019/05/16					<0.0016	ng/g	NC	30
6126053	22'466'-PentaCB-(104)	2019/05/16	89	50 - 150	89	50 - 150	<0.00016	ng/g	NC	30
6126053	22'4-TriCB-(17)	2019/05/16					<0.0024	ng/g	NC	30
6126053	22'55'-TetraCB-(52)	2019/05/16					<0.0017	ng/g	4.4	30
6126053	22'66'-TetraCB-(54)	2019/05/16	90	50 - 150	83	50 - 150	<0.00053	ng/g	NC	30
6126053	22'6-TriCB-(19)	2019/05/16	89	50 - 150	92	50 - 150	<0.0017	ng/g	NC	30
6126053	22'-DiCB-(4)	2019/05/16	96	50 - 150	94	50 - 150	<0.0016	ng/g	NC	30
6126053	233'44'55'6-OctaCB-(205)	2019/05/16	94	50 - 150	91	50 - 150	<0.00040	ng/g	NC	30
6126053	233'44'55'-HeptaCB-(189)	2019/05/16	94	50 - 150	89	50 - 150	<0.00037	ng/g	NC	30
6126053	233'44'56-HeptaCB-(190)	2019/05/16					<0.00098	ng/g	NC	30
6126053	233'44'5'6-HeptaCB-(191)	2019/05/16					<0.00094	ng/g	NC	30
6126053	233'44'6-HexaCB-(158)	2019/05/16					<0.00082	ng/g	5.6	30
6126053	233'44'-PentaCB-(105)	2019/05/16	85	50 - 150	87	50 - 150	<0.00064	ng/g	4.1	30
6126053	233'455'6-HeptaCB-(192)	2019/05/16					<0.00098	ng/g	NC	30
6126053	233'455'-HexaCB-(159)	2019/05/16					<0.00096	ng/g	NC	30
6126053	233'4'55'-HexaCB-(162)	2019/05/16					<0.00092	ng/g	NC	30
6126053	233'456-HexaCB-(160)	2019/05/16					<0.00087	ng/g	NC	30
6126053	233'45'6-HexaCB-(161)	2019/05/16					<0.00084	ng/g	NC	30
6126053	233'4'5'6-HexaCB-(164)	2019/05/16					<0.00081	ng/g	NC (1)	30
6126053	233'45-PentaCB-(106)	2019/05/16					<0.00055	ng/g	NC	30
6126053	233'4'5-PentaCB-(107)	2019/05/16					<0.00046	ng/g	2.2	30
6126053	233'4'5'-PentaCB-(122)	2019/05/16					<0.00056	ng/g	NC	30
6126053	233'4'-Tetra CB(56)	2019/05/16					<0.00080	ng/g	NC	30
6126053	233'4-TetraCB-(55)	2019/05/16					<0.00084	ng/g	NC	30
6126053	233'55'6-HexaCB-(165)	2019/05/16					<0.00095	ng/g	NC	30
6126053	233'55'-PentaCB-(111)	2019/05/16					<0.00082	ng/g	NC	30
6126053	233'56-PentaCB-(112)	2019/05/16					<0.00078	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	233'5-TetraCB-(57)	2019/05/16					<0.00077	ng/g	NC	30
6126053	233'5'-TetraCB-(58)	2019/05/16					<0.00080	ng/g	NC	30
6126053	23'44'55'-HexaCB-(167)	2019/05/16	85	50 - 150	87	50 - 150	<0.0011	ng/g	14	30
6126053	2344'5-PentaCB-(114)	2019/05/16	103	50 - 150	90	50 - 150	<0.00062	ng/g	NC (1)	30
6126053	23'44'5-PentaCB-(118)	2019/05/16	68	50 - 150	90	50 - 150	0.00154, RDL=0.010	ng/g	0.13	30
6126053	23'44'5'-PentaCB-(123)	2019/05/16	92	50 - 150	88	50 - 150	<0.00068	ng/g	NC	30
6126053	2344'-TetraCB -(60)	2019/05/16					<0.00078	ng/g	4.1	30
6126053	23'44'-TetraCB-(66)	2019/05/16					<0.00073	ng/g	8.7	30
6126053	23'455'-PentaCB-(120)	2019/05/16					<0.00082	ng/g	NC	30
6126053	23'45'6-PentaCB-(121)	2019/05/16					<0.00084	ng/g	NC	30
6126053	234'5-TetraCB-(63)	2019/05/16					<0.00075	ng/g	NC	30
6126053	23'45-TetraCB-(67)	2019/05/16					<0.00068	ng/g	NC	30
6126053	23'45'-TetraCB-(68)	2019/05/16					<0.00075	ng/g	NC	30
6126053	234'6-TetraCB-(64)	2019/05/16					<0.0012	ng/g	6.4	30
6126053	234'-TriCB-(22)	2019/05/16					<0.00049	ng/g	NC	30
6126053	23'4-TriCB-(25)	2019/05/16					<0.00048	ng/g	NC	30
6126053	23'55'-TetraCB-(72)	2019/05/16					<0.00079	ng/g	NC	30
6126053	23'5'6-TetraCB-(73)	2019/05/16					<0.0011	ng/g	NC	30
6126053	235-TriCB-(23)	2019/05/16	70	50 - 150			<0.00049	ng/g	NC	30
6126053	23'5'-TriCB-(34)	2019/05/16	83	50 - 150			<0.00049	ng/g	NC	30
6126053	236-TriCB-(24)	2019/05/16					<0.0016	ng/g	NC	30
6126053	23'6-TriCB-(27)	2019/05/16					<0.0019	ng/g	NC	30
6126053	24'5-TriCB-(31)	2019/05/16					0.00067, RDL=0.010	ng/g	NC	30
6126053	24'6-TriCB-(32)	2019/05/16					<0.0016	ng/g	NC	30
6126053	2-MonoCB-(1)	2019/05/16	91	50 - 150	94	50 - 150	<0.0011	ng/g	NC	30
6126053	3,3'-DiCB-(11)	2019/05/16					0.0047, RDL=0.010	ng/g	NC	30
6126053	3,5-DiCB-(14)	2019/05/16					<0.0020	ng/g	NC	30
6126053	33'44'55'-HexaCB-(169)	2019/05/16	87	50 - 150	88	50 - 150	<0.0011	ng/g	NC	30
6126053	33'44'5-PentaCB-(126)	2019/05/16	87	50 - 150	86	50 - 150	<0.00060	ng/g	NC	30
6126053	33'44'-TetraCB-(77)	2019/05/16	89	50 - 150	89	50 - 150	<0.0010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	33'455'-PentaCB-(127)	2019/05/16					<0.00052	ng/g	NC	30
6126053	33'45-TetraCB-(78)	2019/05/16					<0.00078	ng/g	NC	30
6126053	33'45'-TetraCB(79)	2019/05/16					<0.00068	ng/g	NC	30
6126053	33'4-TriCB-(35)	2019/05/16					<0.00049	ng/g	NC	30
6126053	33'55'-TetraCB-(80)	2019/05/16					<0.00067	ng/g	NC	30
6126053	33'5-TriCB-(36)	2019/05/16					<0.00042	ng/g	NC	30
6126053	344'5-TetraCB-(81)	2019/05/16	89	50 - 150	87	50 - 150	<0.00099	ng/g	NC	30
6126053	344'-TriCB-(37)	2019/05/16	91	50 - 150	84	50 - 150	<0.00078	ng/g	NC	30
6126053	345-TriCB-(38)	2019/05/16					<0.00048	ng/g	NC	30
6126053	34'5-TriCB-(39)	2019/05/16					<0.00045	ng/g	NC	30
6126053	3-MonoCB-(2)	2019/05/16					<0.00097	ng/g	NC	30
6126053	4,4'-DiCB-(15)	2019/05/16	96	50 - 150	90	50 - 150	<0.0032	ng/g	NC	30
6126053	4-MonoCB-(3)	2019/05/16	85	50 - 150	92	50 - 150	<0.0010	ng/g	NC	30
6126053	DecaCB-(209)	2019/05/16	90	50 - 150	89	50 - 150	<0.0020	ng/g	NC	30
6126053	DiCB-(12)+(13)	2019/05/16					<0.0020	ng/g	NC	30
6126053	HeptaCB-(171)+(173)	2019/05/16					<0.0012	ng/g	NC	30
6126053	HeptaCB-(180)+(193)	2019/05/16	58	50 - 150	81	50 - 150	<0.0012 (1)	ng/g	1.6	30
6126053	HexaCB-(128)+(166)	2019/05/16	71	N/A			<0.0010	ng/g	22	30
6126053	HexaCB-(129)+(138)+(163)	2019/05/16					<0.0032 (1)	ng/g	0.70	30
6126053	HexaCB-(134)+(143)	2019/05/16					<0.0015	ng/g	NC	30
6126053	HexaCB-(135)+(151)	2019/05/16					<0.0019	ng/g	1.0	30
6126053	HexaCB-(139)+(140)	2019/05/16					<0.0011	ng/g	NC	30
6126053	HexaCB-(147)+(149)	2019/05/16					0.0020, RDL=0.020	ng/g	5.3	30
6126053	HexaCB-(153)+(168)	2019/05/16					0.00429, RDL=0.010	ng/g	5.3	30
6126053	HexaCB-(156)+(157)	2019/05/16	84	50 - 150	89	50 - 150	<0.0011	ng/g	3.6	30
6126053	OctaCB-(198)+(199)	2019/05/16					<0.00082	ng/g	NC	30
6126053	PentaCB-(108)+(124)	2019/05/16					<0.00051	ng/g	NC	30
6126053	PentaCB-(110)+(115)	2019/05/16					0.00139, RDL=0.020	ng/g	1.1	30
6126053	PentaCB-(83)+(99)	2019/05/16					<0.0013 (1)	ng/g	0.028	30
6126053	PentaCB-(85)+(116)+(117)	2019/05/16					<0.00091	ng/g	6.8	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6126053	PentaCB-(86)(87)(97)(109)(119)(125)	2019/05/16					<0.00096	ng/g	NC	30
6126053	PentaCB-(88)+(91)	2019/05/16					<0.0012	ng/g	NC	30
6126053	PentaCB-(90)+(101)+(113)	2019/05/16	44	N/A			0.00161, RDL=0.030	ng/g	3.4	30
6126053	PentaCB-(93)+(98)+(100)+(102)	2019/05/16					<0.0012	ng/g	NC	30
6126053	TetraCB-(40)+(41)+(71)	2019/05/16					<0.0015	ng/g	NC	30
6126053	TetraCB-(44)+(47)+(65)	2019/05/16					0.0035, RDL=0.030	ng/g	NC	30
6126053	TetraCB-(45)+(51)	2019/05/16					<0.0016	ng/g	NC	30
6126053	TetraCB-(49)+TetraCB-(69)	2019/05/16					<0.0014	ng/g	NC	30
6126053	TetraCB-(50)+(53)	2019/05/16					<0.0015	ng/g	NC	30
6126053	TetraCB-(59)+(62)+(75)	2019/05/16					<0.0011	ng/g	NC	30
6126053	TetraCB-(61)+(70)+(74)+(76)	2019/05/16					0.00096, RDL=0.040	ng/g	7.5	30
6126053	TriCB-(18)+(30)	2019/05/16					<0.0020	ng/g	NC	30
6126053	TriCB-(20) + (28)	2019/05/16					<0.00065 (1)	ng/g	NC	30
6126053	TriCB-(21)+(33)	2019/05/16					<0.00048	ng/g	NC	30
6126053	TriCB-(26)+(29)	2019/05/16					<0.00048	ng/g	NC	30
6127502	Acenaphthene	2019/05/23	92	50 - 150	123	60 - 140	0.36, RDL=0.50	ng/g	10	50
6127502	Acenaphthylene	2019/05/23	110	50 - 150	124	60 - 140	<0.26	ng/g	NC	50
6127502	Anthracene	2019/05/23	99	50 - 150	106	60 - 140	<0.28	ng/g	8.2	50
6127502	Benzo(a)anthracene	2019/05/23	90	50 - 150	101	60 - 140	<0.12	ng/g	NC	50
6127502	Benzo(a)pyrene	2019/05/23	107	50 - 150	94	60 - 140	<0.26	ng/g	NC	50
6127502	Benzo(b/j)fluoranthene	2019/05/23	91	50 - 150	105	60 - 140	<0.18	ng/g	NC	50
6127502	Benzo(g,h,i)perylene	2019/05/23	85	50 - 150	110	60 - 140	<0.27	ng/g	NC	50
6127502	Benzo(k)fluoranthene	2019/05/23	78	50 - 150	89	60 - 140	<0.18	ng/g	NC	50
6127502	Chrysene	2019/05/23	95	50 - 150	92	60 - 140	<0.13	ng/g	NC	50
6127502	Dibenz(a,h)anthracene	2019/05/23	105	50 - 150	119	60 - 140	<0.36	ng/g	NC	50
6127502	Fluoranthene	2019/05/23	91	50 - 150	100	60 - 140	<0.17	ng/g	NC	50
6127502	Fluorene	2019/05/23	90	50 - 150	119	60 - 140	<0.18	ng/g	5.3	50
6127502	Indeno(1,2,3-cd)pyrene	2019/05/23	90	50 - 150	95	60 - 140	<0.27	ng/g	NC	50
6127502	Naphthalene	2019/05/23	80	50 - 150	101	60 - 140	0.40, RDL=0.50	ng/g	31	50
6127502	Phenanthrene	2019/05/23	107	50 - 150	126	60 - 140	<0.26	ng/g	14	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6127502	Pyrene	2019/05/23	90	50 - 150	101	60 - 140	<0.17	ng/g	NC	50
6127825	Confirmation 2,3,7,8-Tetra CDF	2019/05/15					<0.057, EDL=0.057	pg/g	30	100
6133366	1,2,3,4,6,7,8-Hepta CDD	2019/05/23	105	70 - 140	114	70 - 140	<0.108, EDL=0.108	pg/g	NC	25
6133366	1,2,3,4,6,7,8-Hepta CDF	2019/05/23	93	82 - 122	95	82 - 122	<0.117, EDL=0.117	pg/g	NC	25
6133366	1,2,3,4,7,8,9-Hepta CDF	2019/05/23	101	78 - 138	107	78 - 138	<0.114, EDL=0.114	pg/g	NC	25
6133366	1,2,3,4,7,8-Hexa CDD	2019/05/23	107	70 - 164	111	70 - 164	<0.115, EDL=0.115	pg/g	NC (1)	25
6133366	1,2,3,4,7,8-Hexa CDF	2019/05/23	101	72 - 134	104	72 - 134	<0.110, EDL=0.110	pg/g	NC	25
6133366	1,2,3,6,7,8-Hexa CDD	2019/05/23	94	76 - 134	103	76 - 134	<0.111, EDL=0.111	pg/g	NC	25
6133366	1,2,3,6,7,8-Hexa CDF	2019/05/23	98	84 - 130	101	84 - 130	<0.108, EDL=0.108	pg/g	NC (1)	25
6133366	1,2,3,7,8,9-Hexa CDD	2019/05/23	99	64 - 162	116	64 - 162	<0.108, EDL=0.108	pg/g	NC	25
6133366	1,2,3,7,8,9-Hexa CDF	2019/05/23	100	78 - 130	106	78 - 130	<0.108, EDL=0.108	pg/g	NC	25
6133366	1,2,3,7,8-Penta CDD	2019/05/23	100	25 - 181	101	25 - 181	<0.112, EDL=0.112	pg/g	NC (1)	25
6133366	1,2,3,7,8-Penta CDF	2019/05/23	114	80 - 134	113	80 - 134	<0.113, EDL=0.113	pg/g	NC	25
6133366	2,3,4,6,7,8-Hexa CDF	2019/05/23	94	70 - 156	106	70 - 156	<0.104, EDL=0.104	pg/g	NC	25
6133366	2,3,4,7,8-Penta CDF	2019/05/23	99	68 - 160	105	68 - 160	<0.106, EDL=0.106	pg/g	NC	25
6133366	2,3,7,8-Tetra CDD	2019/05/23	104	67 - 158	104	67 - 158	<0.119, EDL=0.119	pg/g	NC	25
6133366	2,3,7,8-Tetra CDF	2019/05/23	105	75 - 158	114	75 - 158	<0.118, EDL=0.118	pg/g	NC	25
6133366	Octa CDD	2019/05/23	104	78 - 144	109	78 - 144	0.445, EDL=0.107	pg/g	NC	25

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6133366	Octa CDF	2019/05/23	110	63 - 170	113	63 - 170	0.145, EDL=0.113	pg/g	NC	25
6133366	Total Hepta CDD	2019/05/23					<0.108, EDL=0.108	pg/g	NC	25
6133366	Total Hepta CDF	2019/05/23					<0.116, EDL=0.116	pg/g	NC	25
6133366	Total Hexa CDD	2019/05/23					<0.146, EDL=0.146 (1)	pg/g	NC	25
6133366	Total Hexa CDF	2019/05/23					<0.107, EDL=0.107	pg/g	NC	25
6133366	Total Penta CDD	2019/05/23					<0.112, EDL=0.112	pg/g	NC (1)	25
6133366	Total Penta CDF	2019/05/23					<0.109, EDL=0.109	pg/g	NC	25
6133366	Total Tetra CDD	2019/05/23					<0.119, EDL=0.119	pg/g	NC	25
6133366	Total Tetra CDF	2019/05/23					<0.118, EDL=0.118	pg/g	NC	25
6144881	Acenaphthene	2019/05/31	119	50 - 150	115	60 - 140	<0.25	ng/g	NC	50
6144881	Acenaphthylene	2019/05/31	129	50 - 150	123	60 - 140	<0.25	ng/g	NC	50
6144881	Anthracene	2019/05/31	99	50 - 150	93	60 - 140	<0.14	ng/g	NC	50
6144881	Benzo(a)anthracene	2019/05/31	109	50 - 150	85	60 - 140	<0.20	ng/g	NC	50
6144881	Benzo(a)pyrene	2019/05/31	101	50 - 150	79	60 - 140	<0.34	ng/g	NC	50
6144881	Benzo(b/j)fluoranthene	2019/05/31	130	50 - 150	106	60 - 140	<0.25	ng/g	NC	50
6144881	Benzo(g,h,i)perylene	2019/05/31	98	50 - 150	98	60 - 140	<0.29	ng/g	NC	50
6144881	Benzo(k)fluoranthene	2019/05/31	91	50 - 150	99	60 - 140	<0.26	ng/g	NC	50
6144881	Chrysene	2019/05/31	105	50 - 150	103	60 - 140	<0.22	ng/g	NC	50
6144881	Dibenz(a,h)anthracene	2019/05/31	118	50 - 150	95	60 - 140	<0.35	ng/g	NC	50
6144881	Fluoranthene	2019/05/31	120	50 - 150	103	60 - 140	0.35, RDL=0.50	ng/g	28	50
6144881	Fluorene	2019/05/31	112	50 - 150	157 (59)	60 - 140	0.19, RDL=0.50	ng/g	171 (60)	50
6144881	Indeno(1,2,3-cd)pyrene	2019/05/31	113	50 - 150	110	60 - 140	<0.40	ng/g	NC	50
6144881	Naphthalene	2019/05/31	122	50 - 150	154 (59)	60 - 140	1.55, RDL=0.50	ng/g	29	50
6144881	Phenanthrene	2019/05/31	101	50 - 150	101	60 - 140	0.45, RDL=0.50	ng/g	5.8	50
6144881	Pyrene	2019/05/31	125	50 - 150	120	60 - 140	0.29, RDL=0.50	ng/g	21	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6148063	Acenaphthene	2019/05/30	123	50 - 150	90	60 - 140	<0.20	ng/g	NC	50
6148063	Acenaphthylene	2019/05/30	108	50 - 150	105	60 - 140	<0.27	ng/g	NC	50
6148063	Anthracene	2019/05/30	113	50 - 150	99	60 - 140	<0.19	ng/g	NC	50
6148063	Benzo(a)anthracene	2019/05/30	112	50 - 150	80	60 - 140	<0.19	ng/g	NC	50
6148063	Benzo(a)pyrene	2019/05/30	105	50 - 150	79	60 - 140	<0.31	ng/g	NC	50
6148063	Benzo(b/j)fluoranthene	2019/05/30	98	50 - 150	93	60 - 140	<0.22	ng/g	NC	50
6148063	Benzo(g,h,i)perylene	2019/05/30	85	50 - 150	76	60 - 140	<0.61	ng/g	NC	50
6148063	Benzo(k)fluoranthene	2019/05/30	79	50 - 150	77	60 - 140	<0.26	ng/g	NC	50
6148063	Chrysene	2019/05/30	110	50 - 150	87	60 - 140	<0.20	ng/g	NC	50
6148063	Dibenz(a,h)anthracene	2019/05/30	126	50 - 150	94	60 - 140	<0.52	ng/g	NC	50
6148063	Fluoranthene	2019/05/30	82	50 - 150	88	60 - 140	0.36, RDL=0.50	ng/g	NC	50
6148063	Fluorene	2019/05/30	118	50 - 150	122	60 - 140	2.98, RDL=0.50	ng/g	27	50
6148063	Indeno(1,2,3-cd)pyrene	2019/05/30	92	50 - 150	94	60 - 140	<0.59	ng/g	NC	50
6148063	Naphthalene	2019/05/30	50	50 - 150	138	60 - 140	3.52, RDL=0.50	ng/g	6.0	50
6148063	Phenanthrene	2019/05/30	77	50 - 150	98	60 - 140	0.75, RDL=0.50	ng/g	25	50
6148063	Pyrene	2019/05/30	96	50 - 150	93	60 - 140	<0.26	ng/g	NC	50

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / IAR - Peak detected meets S/N ratio but does not meet the ion abundance ratio.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(4) Recovery exceeds method criteria

(5) Recovery meets method criteria

(6) 13c=17%

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits

(7) Recovery is outside method limits.

(8) 13c= 25%.

(9) 13c=51%

(10) 13c=59%

(11) 13c=39%

(12) internal recovery does not meet method criteria, due to possible matrix interferences

(13) Results obtained from 5x dilution

(14) Internal standard recovery meets method limits.

(15) 13c=60%

(16) 13c=73%

(17) 13c=76%

(18) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(19) 13c=88%

(20) 13c=86%

(21) Recovery outside method acceptance criteria.Minimal impact on data

(22) Appears to be double spiked

(23) Recovery exceeds method criteria, possibly due to sample heterogeneity

(24) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit

(25) Recovery outside method acceptance criteria due to matrix effects

(26) Internal standard recovery is below method limits.

(27) Native recovery is outside method limits.

(28) 13c

(29) Recovery is outside method limits. Internal standard recovery is below method limits. Matrix spike recovery meets method limiits.

(30) Recovery outside method acceptance criteria due to matrix effects.Minimal impact on data

(31) ** Outside acceptable limits **

(32) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(33) High IS recovery,possibly due to matrix effects

(34) 13C-naphthalene used.

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits

(35) internal recovery are not within the acceptance criteria, possibly due to matrix effects

(36) internal recovery are not within the acceptance criteria, possibly due to matrix effects

(37) Native recovery are not within the acceptance criteria, possibly due to matrix effects

(38) Native recovery is above method criteria, possibly due to matrix effects

(39) 13c used.

(40) Recovery is below method limits, possibly due to sample heterogeneity

(41) Internal standard recovery meets method limits.13C used.

(42) Internal standard recovery is below method limits. Native recovery meets method limits.

(43) Internal standard recovery is below method limits. Native recovery meets method limits.13C used.

(44) Native recovery meets method limits.

(45) EMPC / Ratio - Isotopic ratio adjusted to meet theoretical

(46) Recovery is outside method limits, possibly due to sample homogeneity.

(47) C13 used.Internal standard recovery meets method limits.

(48) 13C used.Internal standard recovery meets method limits.

(49) 13C used.

(50) Duplicate results outside limits due to heterogeneity

(51) Recovery outside method acceptance criteria due to matrix effects.

(52) Recovery outside method acceptance criteria .

(53) Recovery outside method acceptance criteria.

(54) Recovery outside method acceptance criteriaMinimal impact on data

(55) 13C6

(56) Recovery meets method acceptance criteria

(57) Recovery meets method acceptance criteria

(58) 13C6Recovery meets method acceptance criteria

(59) Recovery outside method acceptance criteria

(60) Duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity.

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BV Labs Job #: B901006
Report Date: 2019/07/31

Bureau Veritas Laboratories
Client Project #: 123220082.843.203
Site Location: KITIMAT HARBOUR

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Team Leader, VOC Air

<Original signed by>

Branko Vrzic, A.SC.T., Senior Analyst, HRMS Services

<Original signed by>

Cathy Xu, Scientific Specialist, Ultra Trace Analysis, HRMS

<Original signed by>

Owen Cosby, BSc.C.Chem, Supervisor, HRMS Services

<Original signed by>

Rodney Major, Senior Operations Manager, Organics Department.

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APPENDIX 9. CERTIFIED LABORATORY RESULTS (AUGUST 2019, POST-DREDGE)

Your Project #: 123220082-1007.118
Your C.O.C. #: UNKNOWN

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2020/01/20
Report #: R2835241
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B965964
Received: 2019/08/12, 09:00

Sample Matrix: Tissue
Samples Received: 225

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS - Tissue Plug Wet Wt	29	2019/09/10	2019/09/23	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	31	2019/09/10	2019/09/24	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	75	2019/09/10	2019/09/25	BBY WI-00033	Auto Calc
Moisture in Tissue - Freeze Drying	205	2019/08/28	2019/09/26	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2019/08/28	2019/09/27	BBY7SOP-00021	BCMOE BCLM Aug 2014

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Your Project #: 123220082-1007.118
Your C.O.C. #: UNKNOWN

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2020/01/20
Report #: R2835241
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B965964
Received: 2019/08/12, 09:00

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Nahed Amer, Project Manager
Email: Nahed.AMER@bvlabs.com
Phone# (604) 734 7276
==========

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7286	WG7286	WG7287	WG7288			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-01	19B-LNG-CRAB-01 Lab-Dup	19B-LNG-CRAB-02	19B-LNG-CRAB-03	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	4.05	3.54	0.72	1.85	0.50	N/A	9582422
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582422
Total (Wet Wt) Arsenic (As)	mg/kg	1.53	1.61	1.35	1.63	0.0050	0.0056	9582422
Total (Wet Wt) Barium (Ba)	mg/kg	0.060	0.061	0.030	0.039	0.010	0.018	9582422
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582422
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	<0.0013	<0.0013	0.0014	0.0013	0.0015	9582422
Total (Wet Wt) Boron (B)	mg/kg	0.80	0.82	0.76	0.58	0.20	N/A	9582422
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0076	0.0082	0.0028	0.0051	0.0013	0.00075	9582422
Total (Wet Wt) Calcium (Ca)	mg/kg	1260	1230	748	854	4.0	2.9	9582422
Total (Wet Wt) Chromium (Cr)	mg/kg	0.030	0.048	<0.025	<0.025	0.025	0.043	9582422
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0258	0.0272	0.0252	0.0292	0.0013	0.0017	9582422
Total (Wet Wt) Copper (Cu)	mg/kg	3.11	3.28	2.31	3.54	0.013	0.013	9582422
Total (Wet Wt) Iron (Fe)	mg/kg	8.68	9.47	3.81	5.20	0.25	0.40	9582422
Total (Wet Wt) Lead (Pb)	mg/kg	0.0032	0.0028	0.0023	0.0024	0.0013	N/A	9582422
Total (Wet Wt) Magnesium (Mg)	mg/kg	401	445	391	394	0.40	0.61	9582422
Total (Wet Wt) Manganese (Mn)	mg/kg	0.166	0.174	0.109	0.141	0.010	0.0090	9582422
Total (Wet Wt) Mercury (Hg)	mg/kg	0.027	0.026	0.027	0.038	0.013	0.0063	9582422
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0139	0.0154	0.0101	0.0121	0.0080	0.0068	9582422
Total (Wet Wt) Nickel (Ni)	mg/kg	0.024	0.037	0.026	0.057	0.010	0.010	9582422
Total (Wet Wt) Phosphorus (P)	mg/kg	1160	1300	1340	1700	2.0	1.1	9582422
Total (Wet Wt) Potassium (K)	mg/kg	1980	2010	1750	2400	2.5	2.1	9582422
Total (Wet Wt) Selenium (Se)	mg/kg	0.298	0.305	0.256	0.323	0.010	0.0079	9582422
Total (Wet Wt) Silver (Ag)	mg/kg	0.0300	0.0325	0.0212	0.0292	0.0013	0.00079	9582422
Total (Wet Wt) Sodium (Na)	mg/kg	5180	5320	4920	4690	2.5	2.1	9582422
Total (Wet Wt) Strontium (Sr)	mg/kg	21.1	22.0	12.2	14.0	0.013	0.0066	9582422
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582422
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582422
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.22	<0.13	0.21	0.13	0.14	9582422
Total (Wet Wt) Uranium (U)	mg/kg	0.00116	0.00117	<0.00040	<0.00040	0.00040	0.00025	9582422
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582422
Total (Wet Wt) Zinc (Zn)	mg/kg	25.0	26.2	23.2	27.3	0.20	0.33	9582422

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7289	WG7290	WG7291	WG7292			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	19B-LNG-CRAB-07	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.59	1.68	2.53	1.58	0.50	N/A	9582422
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0023	0.0032	0.0020	0.0020	0.0027	9582422
Total (Wet Wt) Arsenic (As)	mg/kg	1.46	4.11	3.70	1.88	0.0050	0.0056	9582422
Total (Wet Wt) Barium (Ba)	mg/kg	0.061	0.069	0.040	0.091	0.010	0.018	9582422
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582422
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	0.0018	0.0018	0.0013	0.0013	0.0015	9582422
Total (Wet Wt) Boron (B)	mg/kg	0.45	0.96	0.95	0.82	0.20	N/A	9582422
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0017	<0.0013	0.0021	0.0026	0.0013	0.00075	9582422
Total (Wet Wt) Calcium (Ca)	mg/kg	948	419	572	871	4.0	2.9	9582422
Total (Wet Wt) Chromium (Cr)	mg/kg	0.030	0.099	0.059	0.035	0.025	0.043	9582422
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0313	0.0220	0.0297	0.0342	0.0013	0.0017	9582422
Total (Wet Wt) Copper (Cu)	mg/kg	3.33	3.74	3.96	3.52	0.013	0.013	9582422
Total (Wet Wt) Iron (Fe)	mg/kg	7.55	7.91	6.15	4.35	0.25	0.40	9582422
Total (Wet Wt) Lead (Pb)	mg/kg	0.0048	0.0064	0.0030	0.0089	0.0013	N/A	9582422
Total (Wet Wt) Magnesium (Mg)	mg/kg	364	351	359	408	0.40	0.61	9582422
Total (Wet Wt) Manganese (Mn)	mg/kg	0.159	0.151	0.144	0.121	0.010	0.0090	9582422
Total (Wet Wt) Mercury (Hg)	mg/kg	0.032	0.082	0.039	0.031	0.013	0.0063	9582422
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0120	0.0152	0.0131	0.0097	0.0080	0.0068	9582422
Total (Wet Wt) Nickel (Ni)	mg/kg	0.020	0.047	0.035	0.020	0.010	0.010	9582422
Total (Wet Wt) Phosphorus (P)	mg/kg	1310	2770	2040	1630	2.0	1.1	9582422
Total (Wet Wt) Potassium (K)	mg/kg	1660	3750	2970	2410	2.5	2.1	9582422
Total (Wet Wt) Selenium (Se)	mg/kg	0.293	0.436	0.361	0.303	0.010	0.0079	9582422
Total (Wet Wt) Silver (Ag)	mg/kg	0.0287	0.0242	0.0464	0.0328	0.0013	0.00079	9582422
Total (Wet Wt) Sodium (Na)	mg/kg	4900	1870	2860	4000	2.5	2.1	9582422
Total (Wet Wt) Strontium (Sr)	mg/kg	15.5	5.75	7.81	13.8	0.013	0.0066	9582422
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582422
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582422
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.26	0.24	0.18	0.13	0.14	9582422
Total (Wet Wt) Uranium (U)	mg/kg	0.00051	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582422
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582422
Total (Wet Wt) Zinc (Zn)	mg/kg	23.7	33.6	31.4	30.1	0.20	0.33	9582422

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7293	WG7294	WG7295	WG7296			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	19B-LNG-CRAB-11	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.46	1.12	0.77	2.69	0.50	N/A	9582422
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0034	0.0023	0.0022	<0.0020	0.0020	0.0027	9582422
Total (Wet Wt) Arsenic (As)	mg/kg	6.02	2.99	2.76	1.31	0.0050	0.0056	9582422
Total (Wet Wt) Barium (Ba)	mg/kg	0.085	0.094	0.030	0.070	0.010	0.018	9582422
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582422
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0042	0.0015	0.0021	<0.0013	0.0013	0.0015	9582422
Total (Wet Wt) Boron (B)	mg/kg	2.41	1.95	1.15	0.87	0.20	N/A	9582422
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0120	0.0027	0.0027	0.0066	0.0013	0.00075	9582422
Total (Wet Wt) Calcium (Ca)	mg/kg	607	420	483	1080	4.0	2.9	9582422
Total (Wet Wt) Chromium (Cr)	mg/kg	0.039	0.049	0.068	0.034	0.025	0.043	9582422
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0333	0.0227	0.0224	0.0201	0.0013	0.0017	9582422
Total (Wet Wt) Copper (Cu)	mg/kg	4.20	3.30	4.36	3.23	0.013	0.013	9582422
Total (Wet Wt) Iron (Fe)	mg/kg	7.42	5.31	3.63	5.19	0.25	0.40	9582422
Total (Wet Wt) Lead (Pb)	mg/kg	0.0084	0.0094	0.0019	0.0042	0.0013	N/A	9582422
Total (Wet Wt) Magnesium (Mg)	mg/kg	392	364	322	447	0.40	0.61	9582422
Total (Wet Wt) Manganese (Mn)	mg/kg	0.148	0.113	0.114	0.146	0.010	0.0090	9582422
Total (Wet Wt) Mercury (Hg)	mg/kg	0.122	0.067	0.040	0.030	0.013	0.0063	9582422
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0133	0.0126	0.0137	0.0114	0.0080	0.0068	9582422
Total (Wet Wt) Nickel (Ni)	mg/kg	0.021	0.031	0.037	0.024	0.010	0.010	9582422
Total (Wet Wt) Phosphorus (P)	mg/kg	2140	2130	2180	1200	2.0	1.1	9582422
Total (Wet Wt) Potassium (K)	mg/kg	3030	3110	3050	2060	2.5	2.1	9582422
Total (Wet Wt) Selenium (Se)	mg/kg	0.348	0.347	0.380	0.290	0.010	0.0079	9582422
Total (Wet Wt) Silver (Ag)	mg/kg	0.0334	0.0528	0.0333	0.0257	0.0013	0.00079	9582422
Total (Wet Wt) Sodium (Na)	mg/kg	2690	2840	2990	4990	2.5	2.1	9582422
Total (Wet Wt) Strontium (Sr)	mg/kg	8.87	5.50	7.37	19.3	0.013	0.0066	9582422
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582422
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582422
Total (Wet Wt) Titanium (Ti)	mg/kg	0.22	0.19	0.18	0.19	0.13	0.14	9582422
Total (Wet Wt) Uranium (U)	mg/kg	0.00241	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582422
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582422
Total (Wet Wt) Zinc (Zn)	mg/kg	40.8	35.7	34.9	27.8	0.20	0.33	9582422

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7297	WG7298	WG7299	WG7300			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	19B-LNG-CRAB-15	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.86	0.82	1.78	2.51	0.50	N/A	9582422
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582422
Total (Wet Wt) Arsenic (As)	mg/kg	1.09	1.70	1.04	1.70	0.0050	0.0056	9582422
Total (Wet Wt) Barium (Ba)	mg/kg	0.071	0.052	0.063	0.061	0.010	0.018	9582422
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582422
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	<0.0013	0.0034	0.0019	0.0013	0.0015	9582422
Total (Wet Wt) Boron (B)	mg/kg	0.79	0.84	0.77	1.11	0.20	N/A	9582422
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0106	0.0025	0.0083	0.0013	0.00075	9582422
Total (Wet Wt) Calcium (Ca)	mg/kg	1500	1160	1380	1640	4.0	2.9	9582422
Total (Wet Wt) Chromium (Cr)	mg/kg	0.061	0.028	<0.025	0.109	0.025	0.043	9582422
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0229	0.0269	0.0307	0.0297	0.0013	0.0017	9582422
Total (Wet Wt) Copper (Cu)	mg/kg	3.54	3.84	3.43	4.99	0.013	0.013	9582422
Total (Wet Wt) Iron (Fe)	mg/kg	5.90	3.26	10.2	6.69	0.25	0.40	9582422
Total (Wet Wt) Lead (Pb)	mg/kg	0.0030	0.0030	0.0019	0.0060	0.0013	N/A	9582422
Total (Wet Wt) Magnesium (Mg)	mg/kg	467	419	430	501	0.40	0.61	9582422
Total (Wet Wt) Manganese (Mn)	mg/kg	0.151	0.123	0.222	0.187	0.010	0.0090	9582422
Total (Wet Wt) Mercury (Hg)	mg/kg	0.028	0.036	0.023	0.047	0.013	0.0063	9582422
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0143	0.0122	0.0104	0.0129	0.0080	0.0068	9582422
Total (Wet Wt) Nickel (Ni)	mg/kg	0.041	0.023	0.019	0.999	0.010	0.010	9582422
Total (Wet Wt) Phosphorus (P)	mg/kg	1130	1250	995	1200	2.0	1.1	9582422
Total (Wet Wt) Potassium (K)	mg/kg	1360	2020	1270	1840	2.5	2.1	9582422
Total (Wet Wt) Selenium (Se)	mg/kg	0.293	0.261	0.258	0.336	0.010	0.0079	9582422
Total (Wet Wt) Silver (Ag)	mg/kg	0.0316	0.0300	0.0435	0.0380	0.0013	0.00079	9582422
Total (Wet Wt) Sodium (Na)	mg/kg	5940	4960	5400	5830	2.5	2.1	9582422
Total (Wet Wt) Strontium (Sr)	mg/kg	25.2	20.4	23.0	27.0	0.013	0.0066	9582422
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582422
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.023	0.020	0.088	9582422
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	<0.13	0.14	0.19	0.13	0.14	9582422
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00041	<0.00040	0.00054	0.00040	0.00025	9582422
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582422
Total (Wet Wt) Zinc (Zn)	mg/kg	24.3	24.1	21.2	22.5	0.20	0.33	9582422

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7316	WG7316	WG7317	WG7318			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB21	19B-VIL-CRAB21 Lab-Dup	19B-VIL-CRAB-27	19B-VIL-CRAB-28	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.12	0.79	0.88	0.78	0.50	N/A	9582443
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	0.0029	0.0028	0.0020	0.0027	9582443
Total (Wet Wt) Arsenic (As)	mg/kg	3.59	3.68	5.21	4.99	0.0050	0.0056	9582443
Total (Wet Wt) Barium (Ba)	mg/kg	0.022	0.024	0.048	0.055	0.010	0.018	9582443
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582443
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0023	0.0024	0.0042	0.0038	0.0013	0.0015	9582443
Total (Wet Wt) Boron (B)	mg/kg	1.60	1.59	3.25	3.11	0.20	N/A	9582443
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0020	0.0023	0.0080	0.0078	0.0013	0.00075	9582443
Total (Wet Wt) Calcium (Ca)	mg/kg	639	666	885	895	4.0	2.9	9582443
Total (Wet Wt) Chromium (Cr)	mg/kg	0.066	0.115	0.078	0.101	0.025	0.043	9582443
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0276	0.0280	0.0337	0.0342	0.0013	0.0017	9582443
Total (Wet Wt) Copper (Cu)	mg/kg	5.54	5.56	5.42	5.61	0.013	0.013	9582443
Total (Wet Wt) Iron (Fe)	mg/kg	4.00	4.75	7.47	8.63	0.25	0.40	9582443
Total (Wet Wt) Lead (Pb)	mg/kg	0.0027	0.0026	0.0016	0.0016	0.0013	N/A	9582443
Total (Wet Wt) Magnesium (Mg)	mg/kg	419	458	518	545	0.40	0.61	9582443
Total (Wet Wt) Manganese (Mn)	mg/kg	0.115	0.127	0.155	0.173	0.010	0.0090	9582443
Total (Wet Wt) Mercury (Hg)	mg/kg	0.063	0.066	0.126	0.118	0.013	0.0063	9582443
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0139	0.0188	0.0196	0.0212	0.0080	0.0068	9582443
Total (Wet Wt) Nickel (Ni)	mg/kg	0.047 (1)	0.073 (2)	0.046	0.056	0.010	0.010	9582443
Total (Wet Wt) Phosphorus (P)	mg/kg	2340	2480	2040	2020	2.0	1.1	9582443
Total (Wet Wt) Potassium (K)	mg/kg	3370	3480	2840	2690	2.5	2.1	9582443
Total (Wet Wt) Selenium (Se)	mg/kg	0.400	0.411	0.374	0.350	0.010	0.0079	9582443
Total (Wet Wt) Silver (Ag)	mg/kg	0.0372	0.0382	0.0379	0.0371	0.0013	0.00079	9582443
Total (Wet Wt) Sodium (Na)	mg/kg	3160	3300	4230	4160	2.5	2.1	9582443
Total (Wet Wt) Strontium (Sr)	mg/kg	9.56	10.4	14.6	14.8	0.013	0.0066	9582443
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582443
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.022	0.022	0.020	0.088	9582443
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.20	0.19	0.17	0.13	0.14	9582443
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00065	0.00074	0.00040	0.00025	9582443

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Duplicate RPD for Ni above control limit - Non-homogenous sample. Re-analysis yields similar results.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7316	WG7316	WG7317	WG7318			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	**19B-VIL-CRAB21**	**19B-VIL-CRAB21 Lab-Dup**	**19B-VIL-CRAB-27**	**19B-VIL-CRAB-28**	**RDL**	**MDL**	**QC Batch**
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582443
Total (Wet Wt) Zinc (Zn)	mg/kg	37.3	38.4	34.0	32.6	0.20	0.33	9582443

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7319	WG7320	WG7321	WG7322			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-51	19B-VIL-CRAB-40	19B-VIL-CRAB-41	19B-VIL-CRAB-42	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.92	1.29	2.00	1.31	0.50	N/A	9582443
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0025	0.0034	0.0024	0.0025	0.0020	0.0027	9582443
Total (Wet Wt) Arsenic (As)	mg/kg	3.55	3.52	2.72	2.94	0.0050	0.0056	9582443
Total (Wet Wt) Barium (Ba)	mg/kg	0.016	0.024	0.034	0.026	0.010	0.018	9582443
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582443
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0018	<0.0013	<0.0013	0.0023	0.0013	0.0015	9582443
Total (Wet Wt) Boron (B)	mg/kg	1.04	1.81	0.87	1.68	0.20	N/A	9582443
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0058	0.0018	0.0017	0.0013	0.00075	9582443
Total (Wet Wt) Calcium (Ca)	mg/kg	207	451	320	467	4.0	2.9	9582443
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.075	<0.025	0.086	0.025	0.043	9582443
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0220	0.0315	0.0228	0.0298	0.0013	0.0017	9582443
Total (Wet Wt) Copper (Cu)	mg/kg	3.22	5.55	4.42	3.85	0.013	0.013	9582443
Total (Wet Wt) Iron (Fe)	mg/kg	2.43	5.91	9.49	5.37	0.25	0.40	9582443
Total (Wet Wt) Lead (Pb)	mg/kg	0.0023	0.0017	0.0034	0.0028	0.0013	N/A	9582443
Total (Wet Wt) Magnesium (Mg)	mg/kg	346	391	359	447	0.40	0.61	9582443
Total (Wet Wt) Manganese (Mn)	mg/kg	0.106	0.121	0.162	0.132	0.010	0.0090	9582443
Total (Wet Wt) Mercury (Hg)	mg/kg	0.086	0.052	0.083	0.065	0.013	0.0063	9582443
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0149	<0.0080	0.0189	0.0080	0.0068	9582443
Total (Wet Wt) Nickel (Ni)	mg/kg	0.012	0.036	0.013	0.069	0.010	0.010	9582443
Total (Wet Wt) Phosphorus (P)	mg/kg	3030	2480	3050	2760	2.0	1.1	9582443
Total (Wet Wt) Potassium (K)	mg/kg	4260	3420	4220	3720	2.5	2.1	9582443
Total (Wet Wt) Selenium (Se)	mg/kg	0.389	0.371	0.375	0.379	0.010	0.0079	9582443
Total (Wet Wt) Silver (Ag)	mg/kg	0.0259	0.0482	0.0310	0.0230	0.0013	0.00079	9582443
Total (Wet Wt) Sodium (Na)	mg/kg	1790	3260	1940	2940	2.5	2.1	9582443
Total (Wet Wt) Strontium (Sr)	mg/kg	3.02	6.88	4.44	6.73	0.013	0.0066	9582443
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582443
Total (Wet Wt) Tin (Sn)	mg/kg	0.024	<0.020	<0.020	<0.020	0.020	0.088	9582443
Total (Wet Wt) Titanium (Ti)	mg/kg	0.24	0.22	0.28	0.26	0.13	0.14	9582443
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00062	<0.00040	<0.00040	0.00040	0.00025	9582443
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582443
Total (Wet Wt) Zinc (Zn)	mg/kg	38.5	38.5	43.2	43.0	0.20	0.33	9582443

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7323	WG7324	WG7325	WG7326			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	19B-VIL-CRAB-46	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.99	2.44	2.35	1.02	0.50	N/A	9582443
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0025	0.0022	0.0047	0.0030	0.0020	0.0027	9582443
Total (Wet Wt) Arsenic (As)	mg/kg	2.99	3.31	5.94	3.23	0.0050	0.0056	9582443
Total (Wet Wt) Barium (Ba)	mg/kg	0.038	0.031	0.087	0.020	0.010	0.018	9582443
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582443
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0019	0.0025	0.0034	0.0019	0.0013	0.0015	9582443
Total (Wet Wt) Boron (B)	mg/kg	1.11	1.05	1.76	1.82	0.20	N/A	9582443
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0017	0.0015	0.0049	0.0020	0.0013	0.00075	9582443
Total (Wet Wt) Calcium (Ca)	mg/kg	333	381	649	798	4.0	2.9	9582443
Total (Wet Wt) Chromium (Cr)	mg/kg	0.208	0.049	0.028	<0.025	0.025	0.043	9582443
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0165	0.0224	0.0271	0.0290	0.0013	0.0017	9582443
Total (Wet Wt) Copper (Cu)	mg/kg	2.98	3.39	4.69	4.74	0.013	0.013	9582443
Total (Wet Wt) Iron (Fe)	mg/kg	6.22	7.59	10.2	3.98	0.25	0.40	9582443
Total (Wet Wt) Lead (Pb)	mg/kg	0.0036	0.0018	0.0027	<0.0013	0.0013	N/A	9582443
Total (Wet Wt) Magnesium (Mg)	mg/kg	379	327	377	446	0.40	0.61	9582443
Total (Wet Wt) Manganese (Mn)	mg/kg	0.177	0.168	0.223	0.141	0.010	0.0090	9582443
Total (Wet Wt) Mercury (Hg)	mg/kg	0.034	0.092	0.130	0.064	0.013	0.0063	9582443
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0286	0.0134	0.0105	0.0096	0.0080	0.0068	9582443
Total (Wet Wt) Nickel (Ni)	mg/kg	0.121	0.026	0.018	0.012	0.010	0.010	9582443
Total (Wet Wt) Phosphorus (P)	mg/kg	3190	2600	2970	2400	2.0	1.1	9582443
Total (Wet Wt) Potassium (K)	mg/kg	4310	3610	4110	3300	2.5	2.1	9582443
Total (Wet Wt) Selenium (Se)	mg/kg	0.430	0.291	0.456	0.361	0.010	0.0079	9582443
Total (Wet Wt) Silver (Ag)	mg/kg	0.0216	0.0270	0.0286	0.0318	0.0013	0.00079	9582443
Total (Wet Wt) Sodium (Na)	mg/kg	1840	2530	1920	3230	2.5	2.1	9582443
Total (Wet Wt) Strontium (Sr)	mg/kg	5.18	5.90	11.1	12.1	0.013	0.0066	9582443
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582443
Total (Wet Wt) Tin (Sn)	mg/kg	0.032	<0.020	<0.020	<0.020	0.020	0.088	9582443
Total (Wet Wt) Titanium (Ti)	mg/kg	0.31	0.28	0.34	0.24	0.13	0.14	9582443
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582443
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582443
Total (Wet Wt) Zinc (Zn)	mg/kg	42.5	26.4	39.0	37.7	0.20	0.33	9582443

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7327	WG7328	WG7329	WG7330			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	19B-VIL-CRAB-50	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	0.72	<0.50	<0.50	0.50	N/A	9582443
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0032	0.0029	0.0020	<0.0020	0.0020	0.0027	9582443
Total (Wet Wt) Arsenic (As)	mg/kg	3.37	2.85	0.992	1.24	0.0050	0.0056	9582443
Total (Wet Wt) Barium (Ba)	mg/kg	0.021	0.026	0.020	0.037	0.010	0.018	9582443
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582443
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	0.0018	<0.0013	<0.0013	0.0013	0.0015	9582443
Total (Wet Wt) Boron (B)	mg/kg	1.55	2.44	0.75	1.00	0.20	N/A	9582443
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0052	0.0037	0.0050	0.0029	0.0013	0.00075	9582443
Total (Wet Wt) Calcium (Ca)	mg/kg	1050	717	1080	1920	4.0	2.9	9582443
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.033	<0.025	0.031	0.025	0.043	9582443
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0321	0.0182	0.0208	0.0245	0.0013	0.0017	9582443
Total (Wet Wt) Copper (Cu)	mg/kg	5.64	4.46	2.83	3.36	0.013	0.013	9582443
Total (Wet Wt) Iron (Fe)	mg/kg	2.84	4.42	1.64	2.45	0.25	0.40	9582443
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0015	0.0018	0.0013	N/A	9582443
Total (Wet Wt) Magnesium (Mg)	mg/kg	455	374	367	502	0.40	0.61	9582443
Total (Wet Wt) Manganese (Mn)	mg/kg	0.132	0.128	0.098	0.134	0.010	0.0090	9582443
Total (Wet Wt) Mercury (Hg)	mg/kg	0.049	0.050	0.013	0.026	0.013	0.0063	9582443
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0094	0.0112	0.0093	0.0094	0.0080	0.0068	9582443
Total (Wet Wt) Nickel (Ni)	mg/kg	0.012	0.017	0.015	0.021	0.010	0.010	9582443
Total (Wet Wt) Phosphorus (P)	mg/kg	2450	2020	1160	1370	2.0	1.1	9582443
Total (Wet Wt) Potassium (K)	mg/kg	3360	3040	1620	2050	2.5	2.1	9582443
Total (Wet Wt) Selenium (Se)	mg/kg	0.311	0.271	0.231	0.264	0.010	0.0079	9582443
Total (Wet Wt) Silver (Ag)	mg/kg	0.0426	0.0408	0.0311	0.0352	0.0013	0.00079	9582443
Total (Wet Wt) Sodium (Na)	mg/kg	3520	3690	5630	5670	2.5	2.1	9582443
Total (Wet Wt) Strontium (Sr)	mg/kg	16.2	10.8	17.7	31.0	0.013	0.0066	9582443
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582443
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.028	<0.020	<0.020	0.020	0.088	9582443
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.19	<0.13	0.13	0.13	0.14	9582443
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582443
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582443
Total (Wet Wt) Zinc (Zn)	mg/kg	38.0	31.3	23.4	25.0	0.20	0.33	9582443

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7331	WG7331	WG7332			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-01	19B-ARM-CRAB-01 Lab-Dup	19B-ARM-CRAB-02	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	0.54	0.59	2.03	0.50	N/A	9582510
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	0.0045	0.0020	0.0027	9582510
Total (Wet Wt) Arsenic (As)	mg/kg	2.09	2.12	21.3	0.0050	0.0056	9582510
Total (Wet Wt) Barium (Ba)	mg/kg	0.027	0.024	0.057	0.010	0.018	9582510
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582510
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0094	0.0096	0.0063	0.0013	0.0015	9582510
Total (Wet Wt) Boron (B)	mg/kg	0.77	0.80	0.82	0.20	N/A	9582510
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0023	0.0026	0.0015	0.0013	0.00075	9582510
Total (Wet Wt) Calcium (Ca)	mg/kg	797	788	347	4.0	2.9	9582510
Total (Wet Wt) Chromium (Cr)	mg/kg	0.073	0.063	0.042	0.025	0.043	9582510
Total (Wet Wt) Cobalt (Co)	mg/kg	0.123	0.136	0.0623	0.0013	0.0017	9582510
Total (Wet Wt) Copper (Cu)	mg/kg	7.87	8.42	7.92	0.013	0.013	9582510
Total (Wet Wt) Iron (Fe)	mg/kg	7.02	7.00	18.6	0.25	0.40	9582510
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0042	0.0013	N/A	9582510
Total (Wet Wt) Magnesium (Mg)	mg/kg	416	437	334	0.40	0.61	9582510
Total (Wet Wt) Manganese (Mn)	mg/kg	0.128	0.144	0.162	0.010	0.0090	9582510
Total (Wet Wt) Mercury (Hg)	mg/kg	0.046	0.046	0.171	0.013	0.0063	9582510
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0193	0.0188	0.0108	0.0080	0.0068	9582510
Total (Wet Wt) Nickel (Ni)	mg/kg	0.047	0.039	0.035	0.010	0.010	9582510
Total (Wet Wt) Phosphorus (P)	mg/kg	1490	1530	2920	2.0	1.1	9582510
Total (Wet Wt) Potassium (K)	mg/kg	1970	2070	4150	2.5	2.1	9582510
Total (Wet Wt) Selenium (Se)	mg/kg	0.394	0.403	0.924	0.010	0.0079	9582510
Total (Wet Wt) Silver (Ag)	mg/kg	0.0690	0.0699	0.0646	0.0013	0.00079	9582510
Total (Wet Wt) Sodium (Na)	mg/kg	4950	4990	1570	2.5	2.1	9582510
Total (Wet Wt) Strontium (Sr)	mg/kg	12.6	12.6	4.99	0.013	0.0066	9582510
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582510
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.020	0.088	9582510
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.13	0.38	0.13	0.14	9582510
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582510
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	0.028	0.020	0.053	9582510
Total (Wet Wt) Zinc (Zn)	mg/kg	28.2	29.2	36.7	0.20	0.33	9582510

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7333	WG7334	WG7335			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	0.68	1.12	2.61	0.50	N/A	9582510
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0034	0.0049	0.0031	0.0020	0.0027	9582510
Total (Wet Wt) Arsenic (As)	mg/kg	11.2	21.0	8.06	0.0050	0.0056	9582510
Total (Wet Wt) Barium (Ba)	mg/kg	0.035	0.042	0.043	0.010	0.018	9582510
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582510
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0076	0.0080	0.0044	0.0013	0.0015	9582510
Total (Wet Wt) Boron (B)	mg/kg	0.89	1.57	0.69	0.20	N/A	9582510
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0021	0.0078	0.0019	0.0013	0.00075	9582510
Total (Wet Wt) Calcium (Ca)	mg/kg	201	246	340	4.0	2.9	9582510
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	0.056	0.091	0.025	0.043	9582510
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0433	0.0491	0.0571	0.0013	0.0017	9582510
Total (Wet Wt) Copper (Cu)	mg/kg	7.57	5.43	7.15	0.013	0.013	9582510
Total (Wet Wt) Iron (Fe)	mg/kg	5.83	11.4	9.69	0.25	0.40	9582510
Total (Wet Wt) Lead (Pb)	mg/kg	0.0039	0.0032	0.0014	0.0013	N/A	9582510
Total (Wet Wt) Magnesium (Mg)	mg/kg	338	339	303	0.40	0.61	9582510
Total (Wet Wt) Manganese (Mn)	mg/kg	0.117	0.385	0.180	0.010	0.0090	9582510
Total (Wet Wt) Mercury (Hg)	mg/kg	0.150	0.273	0.108	0.013	0.0063	9582510
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0090	0.0146	0.0144	0.0080	0.0068	9582510
Total (Wet Wt) Nickel (Ni)	mg/kg	0.030	0.042	0.057	0.010	0.010	9582510
Total (Wet Wt) Phosphorus (P)	mg/kg	3060	2360	2100	2.0	1.1	9582510
Total (Wet Wt) Potassium (K)	mg/kg	4430	3610	3160	2.5	2.1	9582510
Total (Wet Wt) Selenium (Se)	mg/kg	0.432	0.454	0.415	0.010	0.0079	9582510
Total (Wet Wt) Silver (Ag)	mg/kg	0.0588	0.0558	0.0651	0.0013	0.00079	9582510
Total (Wet Wt) Sodium (Na)	mg/kg	1450	2120	2650	2.5	2.1	9582510
Total (Wet Wt) Strontium (Sr)	mg/kg	2.66	3.73	5.31	0.013	0.0066	9582510
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582510
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.023	0.020	0.088	9582510
Total (Wet Wt) Titanium (Ti)	mg/kg	0.27	0.27	0.36	0.13	0.14	9582510
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582510
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582510
Total (Wet Wt) Zinc (Zn)	mg/kg	37.4	32.5	32.9	0.20	0.33	9582510

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7336	WG7337	WG7338			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	0.86	0.53	1.98	0.50	N/A	9582510
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0036	0.0033	0.0041	0.0020	0.0027	9582510
Total (Wet Wt) Arsenic (As)	mg/kg	7.58	2.10	7.96	0.0050	0.0056	9582510
Total (Wet Wt) Barium (Ba)	mg/kg	0.047	0.043	0.089	0.010	0.018	9582510
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582510
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0079	0.0056	0.0133	0.0013	0.0015	9582510
Total (Wet Wt) Boron (B)	mg/kg	1.52	0.77	1.62	0.20	N/A	9582510
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0028	0.0014	0.0036	0.0013	0.00075	9582510
Total (Wet Wt) Calcium (Ca)	mg/kg	586	660	387	4.0	2.9	9582510
Total (Wet Wt) Chromium (Cr)	mg/kg	0.026	0.064	0.039	0.025	0.043	9582510
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0740	0.0624	0.102	0.0013	0.0017	9582510
Total (Wet Wt) Copper (Cu)	mg/kg	10.4	6.22	13.5	0.013	0.013	9582510
Total (Wet Wt) Iron (Fe)	mg/kg	8.19	3.86	13.7	0.25	0.40	9582510
Total (Wet Wt) Lead (Pb)	mg/kg	0.0024	0.0036	0.0070	0.0013	N/A	9582510
Total (Wet Wt) Magnesium (Mg)	mg/kg	377	351	381	0.40	0.61	9582510
Total (Wet Wt) Manganese (Mn)	mg/kg	0.167	0.148	0.181	0.010	0.0090	9582510
Total (Wet Wt) Mercury (Hg)	mg/kg	0.117	0.038	0.109	0.013	0.0063	9582510
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0109	0.0153	0.0110	0.0080	0.0068	9582510
Total (Wet Wt) Nickel (Ni)	mg/kg	0.024	0.092	0.038	0.010	0.010	9582510
Total (Wet Wt) Phosphorus (P)	mg/kg	2400	2220	3340	2.0	1.1	9582510
Total (Wet Wt) Potassium (K)	mg/kg	3470	3190	4520	2.5	2.1	9582510
Total (Wet Wt) Selenium (Se)	mg/kg	0.498	0.463	0.466	0.010	0.0079	9582510
Total (Wet Wt) Silver (Ag)	mg/kg	0.101	0.0538	0.0824	0.0013	0.00079	9582510
Total (Wet Wt) Sodium (Na)	mg/kg	2870	2900	2100	2.5	2.1	9582510
Total (Wet Wt) Strontium (Sr)	mg/kg	8.36	8.95	5.84	0.013	0.0066	9582510
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582510
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.028	0.020	0.088	9582510
Total (Wet Wt) Titanium (Ti)	mg/kg	0.24	0.23	0.42	0.13	0.14	9582510
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00043	0.00040	0.00025	9582510
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582510
Total (Wet Wt) Zinc (Zn)	mg/kg	36.9	42.2	45.8	0.20	0.33	9582510

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7339	WG7340	WG7341			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-09	19B-ARM-CRAB-10	19B-ARM-CRAB-11	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	0.84	1.01	2.20	0.50	N/A	9582510
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0030	0.0030	0.0034	0.0020	0.0027	9582510
Total (Wet Wt) Arsenic (As)	mg/kg	4.58	4.31	10.5	0.0050	0.0056	9582510
Total (Wet Wt) Barium (Ba)	mg/kg	0.046	0.032	0.053	0.010	0.018	9582510
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582510
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0126	0.0071	0.0057	0.0013	0.0015	9582510
Total (Wet Wt) Boron (B)	mg/kg	1.49	1.16	0.79	0.20	N/A	9582510
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0021	0.0016	0.0019	0.0013	0.00075	9582510
Total (Wet Wt) Calcium (Ca)	mg/kg	418	431	442	4.0	2.9	9582510
Total (Wet Wt) Chromium (Cr)	mg/kg	0.051	0.122	0.125	0.025	0.043	9582510
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0758	0.0505	0.0513	0.0013	0.0017	9582510
Total (Wet Wt) Copper (Cu)	mg/kg	7.04	7.47	8.12	0.013	0.013	9582510
Total (Wet Wt) Iron (Fe)	mg/kg	6.75	13.2	13.2	0.25	0.40	9582510
Total (Wet Wt) Lead (Pb)	mg/kg	0.0030	0.0019	0.0034	0.0013	N/A	9582510
Total (Wet Wt) Magnesium (Mg)	mg/kg	366	346	314	0.40	0.61	9582510
Total (Wet Wt) Manganese (Mn)	mg/kg	0.135	0.142	0.181	0.010	0.0090	9582510
Total (Wet Wt) Mercury (Hg)	mg/kg	0.114	0.076	0.068	0.013	0.0063	9582510
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0108	0.0216	0.0206	0.0080	0.0068	9582510
Total (Wet Wt) Nickel (Ni)	mg/kg	0.031	0.094	0.085	0.010	0.010	9582510
Total (Wet Wt) Phosphorus (P)	mg/kg	2750	2600	2630	2.0	1.1	9582510
Total (Wet Wt) Potassium (K)	mg/kg	3780	3670	3760	2.5	2.1	9582510
Total (Wet Wt) Selenium (Se)	mg/kg	0.407	0.418	0.416	0.010	0.0079	9582510
Total (Wet Wt) Silver (Ag)	mg/kg	0.0681	0.0649	0.0545	0.0013	0.00079	9582510
Total (Wet Wt) Sodium (Na)	mg/kg	2460	2200	2190	2.5	2.1	9582510
Total (Wet Wt) Strontium (Sr)	mg/kg	6.43	6.05	6.56	0.013	0.0066	9582510
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582510
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.020	0.088	9582510
Total (Wet Wt) Titanium (Ti)	mg/kg	0.25	0.25	0.35	0.13	0.14	9582510
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582510
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582510
Total (Wet Wt) Zinc (Zn)	mg/kg	39.5	37.5	34.0	0.20	0.33	9582510

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7342	WG7343	WG7344			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-12	19B-ARM-CRAB-13	19B-ARM-CRAB-14	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	1.62	0.63	0.50	N/A	9582510
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0037	0.0029	0.0032	0.0020	0.0027	9582510
Total (Wet Wt) Arsenic (As)	mg/kg	13.0	5.81	8.35	0.0050	0.0056	9582510
Total (Wet Wt) Barium (Ba)	mg/kg	0.045	0.038	0.024	0.010	0.018	9582510
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582510
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0085	0.0054	0.0115	0.0013	0.0015	9582510
Total (Wet Wt) Boron (B)	mg/kg	1.52	0.73	1.50	0.20	N/A	9582510
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0059	0.0027	0.0020	0.0013	0.00075	9582510
Total (Wet Wt) Calcium (Ca)	mg/kg	429	681	255	4.0	2.9	9582510
Total (Wet Wt) Chromium (Cr)	mg/kg	0.052	0.044	<0.025	0.025	0.043	9582510
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0465	0.0525	0.0399	0.0013	0.0017	9582510
Total (Wet Wt) Copper (Cu)	mg/kg	7.16	4.53	4.42	0.013	0.013	9582510
Total (Wet Wt) Iron (Fe)	mg/kg	6.65	10.8	5.63	0.25	0.40	9582510
Total (Wet Wt) Lead (Pb)	mg/kg	0.0027	0.0025	0.0028	0.0013	N/A	9582510
Total (Wet Wt) Magnesium (Mg)	mg/kg	365	372	387	0.40	0.61	9582510
Total (Wet Wt) Manganese (Mn)	mg/kg	0.129	0.189	0.119	0.010	0.0090	9582510
Total (Wet Wt) Mercury (Hg)	mg/kg	0.178	0.061	0.176	0.013	0.0063	9582510
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0128	0.0171	0.0085	0.0080	0.0068	9582510
Total (Wet Wt) Nickel (Ni)	mg/kg	0.039	0.037	0.024	0.010	0.010	9582510
Total (Wet Wt) Phosphorus (P)	mg/kg	2930	2080	2860	2.0	1.1	9582510
Total (Wet Wt) Potassium (K)	mg/kg	3800	2900	3950	2.5	2.1	9582510
Total (Wet Wt) Selenium (Se)	mg/kg	0.416	0.471	0.378	0.010	0.0079	9582510
Total (Wet Wt) Silver (Ag)	mg/kg	0.0492	0.0424	0.0369	0.0013	0.00079	9582510
Total (Wet Wt) Sodium (Na)	mg/kg	2310	3620	1820	2.5	2.1	9582510
Total (Wet Wt) Strontium (Sr)	mg/kg	6.16	10.3	3.86	0.013	0.0066	9582510
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582510
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.020	0.088	9582510
Total (Wet Wt) Titanium (Ti)	mg/kg	0.21	0.35	0.24	0.13	0.14	9582510
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582510
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582510
Total (Wet Wt) Zinc (Zn)	mg/kg	33.4	31.8	38.4	0.20	0.33	9582510

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7345		WG7346	WG7346			
Sampling Date								
COC Number		UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-15	QC Batch	19B-LNG-HEP-01	19B-LNG-HEP-01 Lab-Dup	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.47	9582510	1.80	1.75	0.50	N/A	9582008
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0032	9582510	0.0045	0.0045	0.0020	0.0027	9582008
Total (Wet Wt) Arsenic (As)	mg/kg	7.30	9582510	2.78	2.79	0.0050	0.0056	9582008
Total (Wet Wt) Barium (Ba)	mg/kg	0.061	9582510	0.136	0.115	0.010	0.018	9582008
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	9582510	<0.0020	<0.0020	0.0020	0.00069	9582008
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0078	9582510	0.0024	0.0024	0.0013	0.0015	9582008
Total (Wet Wt) Boron (B)	mg/kg	1.30	9582510	0.91	0.93	0.20	N/A	9582008
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0054	9582510	0.481	0.491	0.0013	0.00075	9582008
Total (Wet Wt) Calcium (Ca)	mg/kg	425	9582510	695	701	4.0	2.9	9582008
Total (Wet Wt) Chromium (Cr)	mg/kg	0.097	9582510	0.046	0.046	0.025	0.043	9582008
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0829	9582510	0.278	0.284	0.0013	0.0017	9582008
Total (Wet Wt) Copper (Cu)	mg/kg	9.41	9582510	14.4	14.7	0.013	0.013	9582008
Total (Wet Wt) Iron (Fe)	mg/kg	16.4	9582510	66.9	67.6	0.25	0.40	9582008
Total (Wet Wt) Lead (Pb)	mg/kg	0.0025	9582510	0.0171	0.0144	0.0013	N/A	9582008
Total (Wet Wt) Magnesium (Mg)	mg/kg	351	9582510	454	463	0.40	0.61	9582008
Total (Wet Wt) Manganese (Mn)	mg/kg	0.330	9582510	0.837	0.860	0.010	0.0090	9582008
Total (Wet Wt) Mercury (Hg)	mg/kg	0.110	9582510	0.018	0.019	0.013	0.0063	9582008
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0260	9582510	0.238	0.244	0.0080	0.0068	9582008
Total (Wet Wt) Nickel (Ni)	mg/kg	0.069	9582510	0.313	0.324	0.010	0.010	9582008
Total (Wet Wt) Phosphorus (P)	mg/kg	2710	9582510	1000	1030	2.0	1.1	9582008
Total (Wet Wt) Potassium (K)	mg/kg	3890	9582510	1330	1360	2.5	2.1	9582008
Total (Wet Wt) Selenium (Se)	mg/kg	0.449	9582510	0.983	1.00	0.010	0.0079	9582008
Total (Wet Wt) Silver (Ag)	mg/kg	0.0975	9582510	0.114	0.114	0.0013	0.00079	9582008
Total (Wet Wt) Sodium (Na)	mg/kg	1790	9582510	5840	5940	2.5	2.1	9582008
Total (Wet Wt) Strontium (Sr)	mg/kg	6.23	9582510	16.3	16.2	0.013	0.0066	9582008
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	9582510	0.00055	0.00052	0.00040	0.00037	9582008
Total (Wet Wt) Tin (Sn)	mg/kg	0.043	9582510	0.028	0.029	0.020	0.088	9582008
Total (Wet Wt) Titanium (Ti)	mg/kg	0.30	9582510	0.17	0.19	0.13	0.14	9582008
Total (Wet Wt) Uranium (U)	mg/kg	0.00047	9582510	0.0678	0.0679	0.00040	0.00025	9582008
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	9582510	0.146	0.145	0.020	0.053	9582008
Total (Wet Wt) Zinc (Zn)	mg/kg	37.7	9582510	13.0	13.2	0.20	0.33	9582008

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7347	WG7348	WG7349	WG7350			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-02	19B-LNG-HEP-03	19B-LNG-HEP-04	19B-LNG-HEP-05	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.71	0.77	1.70	1.38	0.50	N/A	9582008
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0056	0.0046	0.0057	0.0041	0.0020	0.0027	9582008
Total (Wet Wt) Arsenic (As)	mg/kg	2.87	1.98	3.01	4.83	0.0050	0.0056	9582008
Total (Wet Wt) Barium (Ba)	mg/kg	0.165	0.148	0.126	0.173	0.010	0.018	9582008
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582008
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	0.0013	<0.0013	0.0035	0.0013	0.0015	9582008
Total (Wet Wt) Boron (B)	mg/kg	0.91	0.68	0.59	1.19	0.20	N/A	9582008
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.756	0.489	0.314	0.405	0.0013	0.00075	9582008
Total (Wet Wt) Calcium (Ca)	mg/kg	549	576	583	1120	4.0	2.9	9582008
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.033	0.038	0.033	0.025	0.043	9582008
Total (Wet Wt) Cobalt (Co)	mg/kg	0.131	0.145	0.124	0.293	0.0013	0.0017	9582008
Total (Wet Wt) Copper (Cu)	mg/kg	14.8	10.6	7.31	7.86	0.013	0.013	9582008
Total (Wet Wt) Iron (Fe)	mg/kg	32.2	43.5	36.6	47.1	0.25	0.40	9582008
Total (Wet Wt) Lead (Pb)	mg/kg	0.0057	0.0064	0.0078	0.0103	0.0013	N/A	9582008
Total (Wet Wt) Magnesium (Mg)	mg/kg	332	418	285	363	0.40	0.61	9582008
Total (Wet Wt) Manganese (Mn)	mg/kg	0.791	0.896	0.871	1.27	0.010	0.0090	9582008
Total (Wet Wt) Mercury (Hg)	mg/kg	0.020	0.015	0.018	0.034	0.013	0.0063	9582008
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.134	0.163	0.141	0.267	0.0080	0.0068	9582008
Total (Wet Wt) Nickel (Ni)	mg/kg	0.133	0.240	0.177	0.211	0.010	0.010	9582008
Total (Wet Wt) Phosphorus (P)	mg/kg	1190	947	1220	2610	2.0	1.1	9582008
Total (Wet Wt) Potassium (K)	mg/kg	1270	1240	1310	1800	2.5	2.1	9582008
Total (Wet Wt) Selenium (Se)	mg/kg	1.09	0.959	1.03	1.37	0.010	0.0079	9582008
Total (Wet Wt) Silver (Ag)	mg/kg	0.0723	0.0741	0.0466	0.0668	0.0013	0.00079	9582008
Total (Wet Wt) Sodium (Na)	mg/kg	5010	6020	4730	3820	2.5	2.1	9582008
Total (Wet Wt) Strontium (Sr)	mg/kg	14.3	14.3	10.2	25.4	0.013	0.0066	9582008
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00058	0.00040	0.00037	9582008
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.025	<0.020	0.020	0.088	9582008
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.16	0.22	0.33	0.13	0.14	9582008
Total (Wet Wt) Uranium (U)	mg/kg	0.0302	0.0190	0.0320	0.0379	0.00040	0.00025	9582008
Total (Wet Wt) Vanadium (V)	mg/kg	0.077	0.126	0.088	0.139	0.020	0.053	9582008
Total (Wet Wt) Zinc (Zn)	mg/kg	11.3	9.53	11.0	20.8	0.20	0.33	9582008

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7351	WG7352	WG7353	WG7354			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-06	19B-LNG-HEP-07	19B-LNG-HEP-08	19B-LNG-HEP-09	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.79	1.77	0.93	1.06	0.50	N/A	9582008
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0057	0.0063	0.0082	0.0068	0.0020	0.0027	9582008
Total (Wet Wt) Arsenic (As)	mg/kg	3.47	3.21	5.14	3.18	0.0050	0.0056	9582008
Total (Wet Wt) Barium (Ba)	mg/kg	0.167	0.113	0.237	0.238	0.010	0.018	9582008
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582008
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0027	0.0028	0.0026	<0.0013	0.0013	0.0015	9582008
Total (Wet Wt) Boron (B)	mg/kg	1.25	0.92	4.27	3.88	0.20	N/A	9582008
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.367	0.947	0.405	0.537	0.0013	0.00075	9582008
Total (Wet Wt) Calcium (Ca)	mg/kg	1220	458	1790	1700	4.0	2.9	9582008
Total (Wet Wt) Chromium (Cr)	mg/kg	0.053	0.142	0.029	<0.025	0.025	0.043	9582008
Total (Wet Wt) Cobalt (Co)	mg/kg	0.236	0.330	0.205	0.116	0.0013	0.0017	9582008
Total (Wet Wt) Copper (Cu)	mg/kg	9.87	4.72	46.5	11.4	0.013	0.013	9582008
Total (Wet Wt) Iron (Fe)	mg/kg	42.3	58.5	58.2	34.6	0.25	0.40	9582008
Total (Wet Wt) Lead (Pb)	mg/kg	0.0066	0.0094	0.0074	0.0073	0.0013	N/A	9582008
Total (Wet Wt) Magnesium (Mg)	mg/kg	332	352	369	442	0.40	0.61	9582008
Total (Wet Wt) Manganese (Mn)	mg/kg	1.69	1.03	1.15	1.04	0.010	0.0090	9582008
Total (Wet Wt) Mercury (Hg)	mg/kg	0.031	0.032	0.066	0.054	0.013	0.0063	9582008
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.201	0.262	0.193	0.212	0.0080	0.0068	9582008
Total (Wet Wt) Nickel (Ni)	mg/kg	0.223	0.530	0.146	0.056	0.010	0.010	9582008
Total (Wet Wt) Phosphorus (P)	mg/kg	2170	1310	2150	2080	2.0	1.1	9582008
Total (Wet Wt) Potassium (K)	mg/kg	1830	1740	1550	1920	2.5	2.1	9582008
Total (Wet Wt) Selenium (Se)	mg/kg	1.38	1.39	0.984	0.866	0.010	0.0079	9582008
Total (Wet Wt) Silver (Ag)	mg/kg	0.135	0.0567	0.358	0.196	0.0013	0.00079	9582008
Total (Wet Wt) Sodium (Na)	mg/kg	4340	4540	4300	4640	2.5	2.1	9582008
Total (Wet Wt) Strontium (Sr)	mg/kg	31.9	9.39	48.8	52.3	0.013	0.0066	9582008
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00102	0.00043	0.00051	0.00058	0.00040	0.00037	9582008
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.029	<0.020	0.020	0.088	9582008
Total (Wet Wt) Titanium (Ti)	mg/kg	0.23	0.19	0.21	0.20	0.13	0.14	9582008
Total (Wet Wt) Uranium (U)	mg/kg	0.0203	0.0452	0.0418	0.0369	0.00040	0.00025	9582008
Total (Wet Wt) Vanadium (V)	mg/kg	0.085	0.442	0.079	0.052	0.020	0.053	9582008
Total (Wet Wt) Zinc (Zn)	mg/kg	13.5	16.9	16.7	13.0	0.20	0.33	9582008

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7355	WG7356	WG7357	WG7358			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-10	19B-LNG-HEP-11	19B-LNG-HEP-12	19B-LNG-HEP-13	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.84	1.61	0.74	1.35	0.50	N/A	9582008
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0049	0.0032	0.0063	0.0033	0.0020	0.0027	9582008
Total (Wet Wt) Arsenic (As)	mg/kg	2.43	2.05	1.96	2.02	0.0050	0.0056	9582008
Total (Wet Wt) Barium (Ba)	mg/kg	0.214	0.099	0.356	0.067	0.010	0.018	9582008
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582008
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0021	0.0016	<0.0013	0.0015	0.0013	0.0015	9582008
Total (Wet Wt) Boron (B)	mg/kg	2.31	0.79	1.78	0.76	0.20	N/A	9582008
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.633	0.728	0.335	0.728	0.0013	0.00075	9582008
Total (Wet Wt) Calcium (Ca)	mg/kg	804	837	1180	785	4.0	2.9	9582008
Total (Wet Wt) Chromium (Cr)	mg/kg	0.026	0.060	<0.025	0.060	0.025	0.043	9582008
Total (Wet Wt) Cobalt (Co)	mg/kg	0.164	0.135	0.0940	0.136	0.0013	0.0017	9582008
Total (Wet Wt) Copper (Cu)	mg/kg	8.74	9.87	21.7	9.80	0.013	0.013	9582008
Total (Wet Wt) Iron (Fe)	mg/kg	35.1	33.0	36.2	32.9	0.25	0.40	9582008
Total (Wet Wt) Lead (Pb)	mg/kg	0.0064	0.0120	0.0063	0.0089	0.0013	N/A	9582008
Total (Wet Wt) Magnesium (Mg)	mg/kg	344	394	562	380	0.40	0.61	9582008
Total (Wet Wt) Manganese (Mn)	mg/kg	1.16	0.969	1.06	0.915	0.010	0.0090	9582008
Total (Wet Wt) Mercury (Hg)	mg/kg	0.045	0.028	0.025	0.027	0.013	0.0063	9582008
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.199	0.132	0.0995	0.129	0.0080	0.0068	9582008
Total (Wet Wt) Nickel (Ni)	mg/kg	0.174	0.231	0.077	0.219	0.010	0.010	9582008
Total (Wet Wt) Phosphorus (P)	mg/kg	1570	1000	3330	967	2.0	1.1	9582008
Total (Wet Wt) Potassium (K)	mg/kg	1760	1370	3110	1330	2.5	2.1	9582008
Total (Wet Wt) Selenium (Se)	mg/kg	1.09	0.838	1.02	0.826	0.010	0.0079	9582008
Total (Wet Wt) Silver (Ag)	mg/kg	0.0991	0.0746	0.0718	0.0733	0.0013	0.00079	9582008
Total (Wet Wt) Sodium (Na)	mg/kg	4940	5820	4820	5880	2.5	2.1	9582008
Total (Wet Wt) Strontium (Sr)	mg/kg	27.3	12.1	44.3	11.7	0.013	0.0066	9582008
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	0.00040	0.00101	0.00040	0.00040	0.00037	9582008
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.026	<0.020	<0.020	0.020	0.088	9582008
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.16	0.24	0.15	0.13	0.14	9582008
Total (Wet Wt) Uranium (U)	mg/kg	0.0231	0.0185	0.0251	0.0176	0.00040	0.00025	9582008
Total (Wet Wt) Vanadium (V)	mg/kg	0.090	0.094	0.070	0.096	0.020	0.053	9582008
Total (Wet Wt) Zinc (Zn)	mg/kg	10.9	13.3	10.7	12.9	0.20	0.33	9582008

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7359	WG7360		WG7436			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN		UNKNOWN			
	UNITS	19B-LNG-HEP-14	19B-LNG-HEP-15	QC Batch	19B-VIL-HEP-01	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.85	0.82	9582008	1.41	0.50	N/A	9582514
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0085	0.0044	9582008	0.0101	0.0020	0.0027	9582514
Total (Wet Wt) Arsenic (As)	mg/kg	5.11	3.53	9582008	6.80	0.0050	0.0056	9582514
Total (Wet Wt) Barium (Ba)	mg/kg	0.231	0.245	9582008	0.602	0.010	0.018	9582514
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	9582008	<0.0020	0.0020	0.00069	9582514
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0045	0.0027	9582008	0.0024	0.0013	0.0015	9582514
Total (Wet Wt) Boron (B)	mg/kg	1.99	1.45	9582008	23.0	0.20	N/A	9582514
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.714	0.985	9582008	0.271	0.0013	0.00075	9582514
Total (Wet Wt) Calcium (Ca)	mg/kg	930	1330	9582008	29700	4.0	2.9	9582514
Total (Wet Wt) Chromium (Cr)	mg/kg	0.077	0.062	9582008	<0.025	0.025	0.043	9582514
Total (Wet Wt) Cobalt (Co)	mg/kg	0.308	0.166	9582008	0.129	0.0013	0.0017	9582514
Total (Wet Wt) Copper (Cu)	mg/kg	21.1	7.91	9582008	59.6	0.013	0.013	9582514
Total (Wet Wt) Iron (Fe)	mg/kg	71.7	34.1	9582008	20.3	0.25	0.40	9582514
Total (Wet Wt) Lead (Pb)	mg/kg	0.0071	0.0101	9582008	0.0110	0.0013	N/A	9582514
Total (Wet Wt) Magnesium (Mg)	mg/kg	555	478	9582008	2140	0.40	0.61	9582514
Total (Wet Wt) Manganese (Mn)	mg/kg	1.00	2.15	9582008	6.12	0.010	0.0090	9582514
Total (Wet Wt) Mercury (Hg)	mg/kg	0.032	0.045	9582008	0.071	0.013	0.0063	9582514
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.242	0.145	9582008	0.225	0.0080	0.0068	9582514
Total (Wet Wt) Nickel (Ni)	mg/kg	0.909	0.328	9582008	0.087	0.010	0.010	9582514
Total (Wet Wt) Phosphorus (P)	mg/kg	1760	1600	9582008	23100	2.0	1.1	9582514
Total (Wet Wt) Potassium (K)	mg/kg	1970	1960	9582008	3640	2.5	2.1	9582514
Total (Wet Wt) Selenium (Se)	mg/kg	1.92	1.35	9582008	1.36	0.010	0.0079	9582514
Total (Wet Wt) Silver (Ag)	mg/kg	0.0996	0.0787	9582008	0.676	0.0013	0.00079	9582514
Total (Wet Wt) Sodium (Na)	mg/kg	5430	5450	9582008	4170	2.5	2.1	9582514
Total (Wet Wt) Strontium (Sr)	mg/kg	26.6	32.2	9582008	420	0.013	0.0066	9582514
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00068	<0.00040	9582008	0.00308	0.00040	0.00037	9582514
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	9582008	0.025	0.020	0.088	9582514
Total (Wet Wt) Titanium (Ti)	mg/kg	0.26	0.16	9582008	1.68	0.13	0.14	9582514
Total (Wet Wt) Uranium (U)	mg/kg	0.0769	0.0415	9582008	0.0255	0.00040	0.00025	9582514
Total (Wet Wt) Vanadium (V)	mg/kg	0.232	0.100	9582008	0.075	0.020	0.053	9582514
Total (Wet Wt) Zinc (Zn)	mg/kg	16.2	14.8	9582008	12.3	0.20	0.33	9582514

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7436	WG7437	WG7438	WG7439			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-01 Lab-Dup	19B-VIL-HEP-02	19B-VIL-HEP-03	19B-VIL-HEP-04	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.09	0.61	<0.50	0.99	0.50	N/A	9582514
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0113	0.0105	0.0047	0.0044	0.0020	0.0027	9582514
Total (Wet Wt) Arsenic (As)	mg/kg	7.49	6.99	4.30	3.79	0.0050	0.0056	9582514
Total (Wet Wt) Barium (Ba)	mg/kg	0.662	0.110	0.193	0.101	0.010	0.018	9582514
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582514
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0027	0.0021	0.0014	0.0025	0.0013	0.0015	9582514
Total (Wet Wt) Boron (B)	mg/kg	22.4	1.70	3.37	1.62	0.20	N/A	9582514
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.299	0.285	0.730	1.05	0.0013	0.00075	9582514
Total (Wet Wt) Calcium (Ca)	mg/kg	33000	614	1830	597	4.0	2.9	9582514
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.029	<0.025	0.026	0.025	0.043	9582514
Total (Wet Wt) Cobalt (Co)	mg/kg	0.150	0.218	0.0642	0.148	0.0013	0.0017	9582514
Total (Wet Wt) Copper (Cu)	mg/kg	69.1	34.1	6.10	8.76	0.013	0.013	9582514
Total (Wet Wt) Iron (Fe)	mg/kg	22.1	30.1	37.6	37.8	0.25	0.40	9582514
Total (Wet Wt) Lead (Pb)	mg/kg	0.0125	0.0076	0.0380	0.0051	0.0013	N/A	9582514
Total (Wet Wt) Magnesium (Mg)	mg/kg	2180	415	458	388	0.40	0.61	9582514
Total (Wet Wt) Manganese (Mn)	mg/kg	7.01	1.04	1.64	1.03	0.010	0.0090	9582514
Total (Wet Wt) Mercury (Hg)	mg/kg	0.074	0.093	0.074	0.048	0.013	0.0063	9582514
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.245	0.388	0.190	0.143	0.0080	0.0068	9582514
Total (Wet Wt) Nickel (Ni)	mg/kg	0.098	0.323	0.036	0.130	0.010	0.010	9582514
Total (Wet Wt) Phosphorus (P)	mg/kg	24400	1810	2970	2030	2.0	1.1	9582514
Total (Wet Wt) Potassium (K)	mg/kg	3990	1460	2920	2090	2.5	2.1	9582514
Total (Wet Wt) Selenium (Se)	mg/kg	1.51	1.51	1.05	1.02	0.010	0.0079	9582514
Total (Wet Wt) Silver (Ag)	mg/kg	0.733	0.488	0.0540	0.103	0.0013	0.00079	9582514
Total (Wet Wt) Sodium (Na)	mg/kg	4260	4420	4010	3730	2.5	2.1	9582514
Total (Wet Wt) Strontium (Sr)	mg/kg	462	18.8	43.4	15.8	0.013	0.0066	9582514
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00331	0.00056	0.00051	0.00081	0.00040	0.00037	9582514
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582514
Total (Wet Wt) Titanium (Ti)	mg/kg	1.76	0.20	0.23	0.21	0.13	0.14	9582514
Total (Wet Wt) Uranium (U)	mg/kg	0.0290	0.0467	0.0154	0.0208	0.00040	0.00025	9582514
Total (Wet Wt) Vanadium (V)	mg/kg	0.091	0.127	0.032	0.054	0.020	0.053	9582514
Total (Wet Wt) Zinc (Zn)	mg/kg	14.2	10.6	12.4	14.1	0.20	0.33	9582514

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7440	WG7441	WG7442	WG7443			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-05	19B-VIL-HEP-06	19B-VIL-HEP-07	19B-VIL-HEP-08	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.56	1.28	1.39	0.71	0.50	N/A	9582514
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0086	0.0098	0.0100	0.0062	0.0020	0.0027	9582514
Total (Wet Wt) Arsenic (As)	mg/kg	2.87	5.20	4.42	5.13	0.0050	0.0056	9582514
Total (Wet Wt) Barium (Ba)	mg/kg	0.092	0.212	0.195	0.212	0.010	0.018	9582514
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582514
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0014	0.0024	0.0044	0.0039	0.0013	0.0015	9582514
Total (Wet Wt) Boron (B)	mg/kg	0.96	4.45	1.98	1.94	0.20	N/A	9582514
Total (Wet Wt) Cadmium (Cd)	mg/kg	1.92	0.419	1.70	1.30	0.0013	0.00075	9582514
Total (Wet Wt) Calcium (Ca)	mg/kg	473	1300	991	1150	4.0	2.9	9582514
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.030	0.049	<0.025	0.025	0.043	9582514
Total (Wet Wt) Cobalt (Co)	mg/kg	0.150	0.150	0.286	0.199	0.0013	0.0017	9582514
Total (Wet Wt) Copper (Cu)	mg/kg	6.37	8.28	13.9	11.3	0.013	0.013	9582514
Total (Wet Wt) Iron (Fe)	mg/kg	10.3	37.9	54.7	24.8	0.25	0.40	9582514
Total (Wet Wt) Lead (Pb)	mg/kg	0.0045	0.0073	0.0102	0.0080	0.0013	N/A	9582514
Total (Wet Wt) Magnesium (Mg)	mg/kg	552	750	539	441	0.40	0.61	9582514
Total (Wet Wt) Manganese (Mn)	mg/kg	1.37	1.38	1.82	1.95	0.010	0.0090	9582514
Total (Wet Wt) Mercury (Hg)	mg/kg	0.044	0.078	0.072	0.093	0.013	0.0063	9582514
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.177	0.345	0.396	0.245	0.0080	0.0068	9582514
Total (Wet Wt) Nickel (Ni)	mg/kg	0.201	0.160	0.312	0.229	0.010	0.010	9582514
Total (Wet Wt) Phosphorus (P)	mg/kg	1690	2490	2710	2500	2.0	1.1	9582514
Total (Wet Wt) Potassium (K)	mg/kg	1500	1810	2140	2350	2.5	2.1	9582514
Total (Wet Wt) Selenium (Se)	mg/kg	1.43	1.56	1.69	1.98	0.010	0.0079	9582514
Total (Wet Wt) Silver (Ag)	mg/kg	0.0495	0.109	0.145	0.112	0.0013	0.00079	9582514
Total (Wet Wt) Sodium (Na)	mg/kg	6090	4650	4790	3220	2.5	2.1	9582514
Total (Wet Wt) Strontium (Sr)	mg/kg	12.7	44.2	31.3	36.7	0.013	0.0066	9582514
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00046	0.00081	0.00074	0.00095	0.00040	0.00037	9582514
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582514
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.27	0.27	0.21	0.13	0.14	9582514
Total (Wet Wt) Uranium (U)	mg/kg	0.0168	0.0797	0.0478	0.0218	0.00040	0.00025	9582514
Total (Wet Wt) Vanadium (V)	mg/kg	0.060	0.123	0.241	0.186	0.020	0.053	9582514
Total (Wet Wt) Zinc (Zn)	mg/kg	15.0	15.4	19.9	21.0	0.20	0.33	9582514

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7444	WG7445	WG7446	WG7447			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-09	19B-VIL-HEP-10	19B-VIL-HEP-11	19B-VIL-HEP-12	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	2.43	0.80	0.70	0.50	N/A	9582514
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0067	0.0070	0.0079	0.0086	0.0020	0.0027	9582514
Total (Wet Wt) Arsenic (As)	mg/kg	4.09	10.8	4.83	4.42	0.0050	0.0056	9582514
Total (Wet Wt) Barium (Ba)	mg/kg	0.113	0.130	0.178	0.180	0.010	0.018	9582514
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582514
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	0.0032	0.0045	0.0018	0.0013	0.0015	9582514
Total (Wet Wt) Boron (B)	mg/kg	1.60	1.77	1.95	1.66	0.20	N/A	9582514
Total (Wet Wt) Cadmium (Cd)	mg/kg	1.60	0.558	0.382	1.08	0.0013	0.00075	9582514
Total (Wet Wt) Calcium (Ca)	mg/kg	667	702	1060	705	4.0	2.9	9582514
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	<0.025	0.032	0.155	0.025	0.043	9582514
Total (Wet Wt) Cobalt (Co)	mg/kg	0.161	0.109	0.340	0.213	0.0013	0.0017	9582514
Total (Wet Wt) Copper (Cu)	mg/kg	18.6	9.43	47.1	17.5	0.013	0.013	9582514
Total (Wet Wt) Iron (Fe)	mg/kg	31.8	34.0	57.2	58.8	0.25	0.40	9582514
Total (Wet Wt) Lead (Pb)	mg/kg	0.0189	0.0200	0.0085	0.0051	0.0013	N/A	9582514
Total (Wet Wt) Magnesium (Mg)	mg/kg	538	306	411	467	0.40	0.61	9582514
Total (Wet Wt) Manganese (Mn)	mg/kg	1.55	1.28	1.49	1.76	0.010	0.0090	9582514
Total (Wet Wt) Mercury (Hg)	mg/kg	0.050	0.140	0.086	0.045	0.013	0.0063	9582514
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.256	0.185	0.231	0.351	0.0080	0.0068	9582514
Total (Wet Wt) Nickel (Ni)	mg/kg	0.156	0.099	0.222	0.285	0.010	0.010	9582514
Total (Wet Wt) Phosphorus (P)	mg/kg	2070	2180	2140	2190	2.0	1.1	9582514
Total (Wet Wt) Potassium (K)	mg/kg	2430	1940	1450	1770	2.5	2.1	9582514
Total (Wet Wt) Selenium (Se)	mg/kg	1.26	1.03	1.44	1.62	0.010	0.0079	9582514
Total (Wet Wt) Silver (Ag)	mg/kg	0.125	0.107	0.787	0.190	0.0013	0.00079	9582514
Total (Wet Wt) Sodium (Na)	mg/kg	4170	4120	5680	4770	2.5	2.1	9582514
Total (Wet Wt) Strontium (Sr)	mg/kg	20.1	17.9	38.4	21.1	0.013	0.0066	9582514
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00065	0.00069	0.00059	0.00100	0.00040	0.00037	9582514
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582514
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	0.27	0.22	0.20	0.13	0.14	9582514
Total (Wet Wt) Uranium (U)	mg/kg	0.0135	0.0380	0.0624	0.0375	0.00040	0.00025	9582514
Total (Wet Wt) Vanadium (V)	mg/kg	0.069	0.066	0.137	0.128	0.020	0.053	9582514
Total (Wet Wt) Zinc (Zn)	mg/kg	17.1	12.3	14.4	25.6	0.20	0.33	9582514

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7448	WG7449	WG7450			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-13	19B-VIL-HEP-14	19B-VIL-HEP-15	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	1.60	0.87	0.67	0.50	N/A	9582514
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0054	0.0069	0.0076	0.0020	0.0027	9582514
Total (Wet Wt) Arsenic (As)	mg/kg	6.90	9.55	3.84	0.0050	0.0056	9582514
Total (Wet Wt) Barium (Ba)	mg/kg	0.073	0.118	0.206	0.010	0.018	9582514
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582514
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0022	0.0038	0.0016	0.0013	0.0015	9582514
Total (Wet Wt) Boron (B)	mg/kg	1.89	2.06	2.30	0.20	N/A	9582514
Total (Wet Wt) Cadmium (Cd)	mg/kg	7.08	0.792	0.677	0.0013	0.00075	9582514
Total (Wet Wt) Calcium (Ca)	mg/kg	354	815	1600	4.0	2.9	9582514
Total (Wet Wt) Chromium (Cr)	mg/kg	0.045	<0.025	0.036	0.025	0.043	9582514
Total (Wet Wt) Cobalt (Co)	mg/kg	0.161	0.179	0.140	0.0013	0.0017	9582514
Total (Wet Wt) Copper (Cu)	mg/kg	104	17.3	6.37	0.013	0.013	9582514
Total (Wet Wt) Iron (Fe)	mg/kg	47.1	57.7	57.8	0.25	0.40	9582514
Total (Wet Wt) Lead (Pb)	mg/kg	0.0050	0.0214	0.0082	0.0013	N/A	9582514
Total (Wet Wt) Magnesium (Mg)	mg/kg	382	422	643	0.40	0.61	9582514
Total (Wet Wt) Manganese (Mn)	mg/kg	1.25	1.25	1.49	0.010	0.0090	9582514
Total (Wet Wt) Mercury (Hg)	mg/kg	0.102	0.129	0.049	0.013	0.0063	9582514
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.293	0.203	0.235	0.0080	0.0068	9582514
Total (Wet Wt) Nickel (Ni)	mg/kg	0.143	0.106	0.196	0.010	0.010	9582514
Total (Wet Wt) Phosphorus (P)	mg/kg	1720	2370	2460	2.0	1.1	9582514
Total (Wet Wt) Potassium (K)	mg/kg	1550	1800	2190	2.5	2.1	9582514
Total (Wet Wt) Selenium (Se)	mg/kg	1.45	1.22	1.26	0.010	0.0079	9582514
Total (Wet Wt) Silver (Ag)	mg/kg	0.981	0.190	0.0532	0.0013	0.00079	9582514
Total (Wet Wt) Sodium (Na)	mg/kg	5730	4850	4350	2.5	2.1	9582514
Total (Wet Wt) Strontium (Sr)	mg/kg	7.69	23.0	44.1	0.013	0.0066	9582514
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00053	0.00059	0.00054	0.00040	0.00037	9582514
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.020	0.088	9582514
Total (Wet Wt) Titanium (Ti)	mg/kg	0.21	0.22	0.22	0.13	0.14	9582514
Total (Wet Wt) Uranium (U)	mg/kg	0.0417	0.0250	0.0413	0.00040	0.00025	9582514
Total (Wet Wt) Vanadium (V)	mg/kg	0.081	0.059	0.067	0.020	0.053	9582514
Total (Wet Wt) Zinc (Zn)	mg/kg	15.6	14.9	13.4	0.20	0.33	9582514

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7481	WG7481	WG7482	WG7483			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-01	19B-ARM-HEP-01 Lab-Dup	19B-ARM-HEP-02	19B-ARM-HEP-03	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.38	1.42	1.43	0.77	0.50	N/A	9582517
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0061	0.0066	0.0091	0.0051	0.0020	0.0027	9582517
Total (Wet Wt) Arsenic (As)	mg/kg	5.39	5.54	12.5	9.22	0.0050	0.0056	9582517
Total (Wet Wt) Barium (Ba)	mg/kg	0.099	0.100	0.100	0.086	0.010	0.018	9582517
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582517
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0089	0.0089	0.0047	0.0074	0.0013	0.0015	9582517
Total (Wet Wt) Boron (B)	mg/kg	0.95	0.97	1.07	1.25	0.20	N/A	9582517
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.149	0.152	0.378	0.194	0.0013	0.00075	9582517
Total (Wet Wt) Calcium (Ca)	mg/kg	393	395	349	592	4.0	2.9	9582517
Total (Wet Wt) Chromium (Cr)	mg/kg	0.038	0.040	0.212	<0.025	0.025	0.043	9582517
Total (Wet Wt) Cobalt (Co)	mg/kg	0.558	0.590	0.260	0.164	0.0013	0.0017	9582517
Total (Wet Wt) Copper (Cu)	mg/kg	56.6	59.0	24.4	13.3	0.013	0.013	9582517
Total (Wet Wt) Iron (Fe)	mg/kg	37.4	38.6	97.0	28.8	0.25	0.40	9582517
Total (Wet Wt) Lead (Pb)	mg/kg	0.0036	0.0038	0.0035	0.0019	0.0013	N/A	9582517
Total (Wet Wt) Magnesium (Mg)	mg/kg	507	514	284	232	0.40	0.61	9582517
Total (Wet Wt) Manganese (Mn)	mg/kg	0.974	1.03	1.05	0.744	0.010	0.0090	9582517
Total (Wet Wt) Mercury (Hg)	mg/kg	0.043	0.045	0.126	0.104	0.013	0.0063	9582517
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.319	0.335	0.292	0.200	0.0080	0.0068	9582517
Total (Wet Wt) Nickel (Ni)	mg/kg	0.623	0.658	0.197	0.099	0.010	0.010	9582517
Total (Wet Wt) Phosphorus (P)	mg/kg	1520	1580	1790	2070	2.0	1.1	9582517
Total (Wet Wt) Potassium (K)	mg/kg	1660	1700	1930	1690	2.5	2.1	9582517
Total (Wet Wt) Selenium (Se)	mg/kg	2.70	2.81	2.08	1.25	0.010	0.0079	9582517
Total (Wet Wt) Silver (Ag)	mg/kg	0.482	0.486	1.16	0.203	0.0013	0.00079	9582517
Total (Wet Wt) Sodium (Na)	mg/kg	4680	4930	3340	3000	2.5	2.1	9582517
Total (Wet Wt) Strontium (Sr)	mg/kg	9.53	9.87	7.81	15.0	0.013	0.0066	9582517
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00081	0.00089	0.00103	0.00081	0.00040	0.00037	9582517
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582517
Total (Wet Wt) Titanium (Ti)	mg/kg	0.21	0.26	0.22	0.19	0.13	0.14	9582517
Total (Wet Wt) Uranium (U)	mg/kg	0.0507	0.0531	0.0461	0.0222	0.00040	0.00025	9582517
Total (Wet Wt) Vanadium (V)	mg/kg	0.264	0.270	0.111	0.066	0.020	0.053	9582517
Total (Wet Wt) Zinc (Zn)	mg/kg	17.4	17.9	14.9	13.8	0.20	0.33	9582517

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7484	WG7485	WG7486	WG7487			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-04	19B-ARM-HEP-05	19B-ARM-HEP-06	19B-ARM-HEP-07	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.73	0.95	1.07	1.47	0.50	N/A	9582517
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0051	0.0046	0.0063	0.0060	0.0020	0.0027	9582517
Total (Wet Wt) Arsenic (As)	mg/kg	25.3	6.37	7.14	4.09	0.0050	0.0056	9582517
Total (Wet Wt) Barium (Ba)	mg/kg	0.101	0.061	0.139	0.177	0.010	0.018	9582517
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582517
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0049	0.0069	0.0067	0.0077	0.0013	0.0015	9582517
Total (Wet Wt) Boron (B)	mg/kg	1.86	0.98	2.97	1.66	0.20	N/A	9582517
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.564	0.342	0.519	0.168	0.0013	0.00075	9582517
Total (Wet Wt) Calcium (Ca)	mg/kg	406	352	3490	4410	4.0	2.9	9582517
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.051	0.036	0.025	0.043	9582517
Total (Wet Wt) Cobalt (Co)	mg/kg	0.419	0.264	0.216	0.202	0.0013	0.0017	9582517
Total (Wet Wt) Copper (Cu)	mg/kg	119	9.73	7.39	4.77	0.013	0.013	9582517
Total (Wet Wt) Iron (Fe)	mg/kg	67.2	21.6	45.1	55.4	0.25	0.40	9582517
Total (Wet Wt) Lead (Pb)	mg/kg	0.0025	0.0020	0.0023	0.0060	0.0013	N/A	9582517
Total (Wet Wt) Magnesium (Mg)	mg/kg	292	308	407	520	0.40	0.61	9582517
Total (Wet Wt) Manganese (Mn)	mg/kg	0.886	0.979	1.25	1.06	0.010	0.0090	9582517
Total (Wet Wt) Mercury (Hg)	mg/kg	0.108	0.104	0.048	0.054	0.013	0.0063	9582517
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.225	0.189	0.236	0.256	0.0080	0.0068	9582517
Total (Wet Wt) Nickel (Ni)	mg/kg	0.132	0.237	0.282	0.251	0.010	0.010	9582517
Total (Wet Wt) Phosphorus (P)	mg/kg	1410	1670	4170	4630	2.0	1.1	9582517
Total (Wet Wt) Potassium (K)	mg/kg	1330	2380	1820	2190	2.5	2.1	9582517
Total (Wet Wt) Selenium (Se)	mg/kg	1.56	1.80	1.36	1.61	0.010	0.0079	9582517
Total (Wet Wt) Silver (Ag)	mg/kg	2.35	0.135	0.112	0.0663	0.0013	0.00079	9582517
Total (Wet Wt) Sodium (Na)	mg/kg	3810	3340	3100	3470	2.5	2.1	9582517
Total (Wet Wt) Strontium (Sr)	mg/kg	13.8	7.16	52.8	64.7	0.013	0.0066	9582517
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00076	0.00057	0.00190	0.00183	0.00040	0.00037	9582517
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582517
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.16	0.36	0.42	0.13	0.14	9582517
Total (Wet Wt) Uranium (U)	mg/kg	0.0300	0.0218	0.0335	0.0411	0.00040	0.00025	9582517
Total (Wet Wt) Vanadium (V)	mg/kg	0.078	0.092	0.101	0.121	0.020	0.053	9582517
Total (Wet Wt) Zinc (Zn)	mg/kg	12.1	11.6	15.8	13.7	0.20	0.33	9582517

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7488	WG7489	WG7490	WG7491			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-08	19B-ARM-HEP-09	19B-ARM-HEP-10	19B-ARM-HEP-11	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.93	2.74	1.12	1.30	0.50	N/A	9582517
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0058	0.0044	0.0049	0.0057	0.0020	0.0027	9582517
Total (Wet Wt) Arsenic (As)	mg/kg	8.45	4.98	5.27	7.35	0.0050	0.0056	9582517
Total (Wet Wt) Barium (Ba)	mg/kg	0.621	0.166	0.126	0.094	0.010	0.018	9582517
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582517
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0048	0.0088	0.0063	0.0072	0.0013	0.0015	9582517
Total (Wet Wt) Boron (B)	mg/kg	10.3	2.53	1.75	0.89	0.20	N/A	9582517
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.192	0.179	0.170	0.350	0.0013	0.00075	9582517
Total (Wet Wt) Calcium (Ca)	mg/kg	34900	1120	961	495	4.0	2.9	9582517
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.025	0.043	9582517
Total (Wet Wt) Cobalt (Co)	mg/kg	0.124	0.245	0.209	0.321	0.0013	0.0017	9582517
Total (Wet Wt) Copper (Cu)	mg/kg	14.5	11.5	13.3	42.8	0.013	0.013	9582517
Total (Wet Wt) Iron (Fe)	mg/kg	17.8	48.8	29.9	57.1	0.25	0.40	9582517
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0049	<0.0013	0.0035	0.0013	N/A	9582517
Total (Wet Wt) Magnesium (Mg)	mg/kg	2720	360	257	353	0.40	0.61	9582517
Total (Wet Wt) Manganese (Mn)	mg/kg	6.12	0.964	0.825	1.04	0.010	0.0090	9582517
Total (Wet Wt) Mercury (Hg)	mg/kg	0.038	0.067	0.046	0.040	0.013	0.0063	9582517
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.165	0.179	0.193	0.235	0.0080	0.0068	9582517
Total (Wet Wt) Nickel (Ni)	mg/kg	0.031	0.103	0.187	0.215	0.010	0.010	9582517
Total (Wet Wt) Phosphorus (P)	mg/kg	25800	2290	2130	1660	2.0	1.1	9582517
Total (Wet Wt) Potassium (K)	mg/kg	3110	1660	1560	1780	2.5	2.1	9582517
Total (Wet Wt) Selenium (Se)	mg/kg	0.961	1.11	1.18	1.55	0.010	0.0079	9582517
Total (Wet Wt) Silver (Ag)	mg/kg	0.246	0.152	0.185	0.592	0.0013	0.00079	9582517
Total (Wet Wt) Sodium (Na)	mg/kg	3580	4350	3490	4250	2.5	2.1	9582517
Total (Wet Wt) Strontium (Sr)	mg/kg	419	32.9	28.9	11.7	0.013	0.0066	9582517
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00315	0.00081	0.00074	0.00046	0.00040	0.00037	9582517
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.037	<0.020	<0.020	0.020	0.088	9582517
Total (Wet Wt) Titanium (Ti)	mg/kg	1.76	0.21	0.22	0.22	0.13	0.14	9582517
Total (Wet Wt) Uranium (U)	mg/kg	0.00390	0.0284	0.0318	0.0401	0.00040	0.00025	9582517
Total (Wet Wt) Vanadium (V)	mg/kg	0.025	0.056	0.084	0.097	0.020	0.053	9582517
Total (Wet Wt) Zinc (Zn)	mg/kg	9.67	10.9	13.7	11.0	0.20	0.33	9582517

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7492	WG7493	WG7494	WG7495			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-12	19B-ARM-HEP-13	19B-ARM-HEP-14	19B-ARM-HEP-15	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.26	1.08	1.24	0.78	0.50	N/A	9582517
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0078	0.0062	0.0065	0.0054	0.0020	0.0027	9582517
Total (Wet Wt) Arsenic (As)	mg/kg	10.7	4.72	5.70	6.75	0.0050	0.0056	9582517
Total (Wet Wt) Barium (Ba)	mg/kg	0.278	0.046	0.160	0.171	0.010	0.018	9582517
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582517
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0040	0.0044	0.0049	0.0040	0.0013	0.0015	9582517
Total (Wet Wt) Boron (B)	mg/kg	7.05	0.75	3.52	2.93	0.20	N/A	9582517
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.175	0.385	0.221	0.383	0.0013	0.00075	9582517
Total (Wet Wt) Calcium (Ca)	mg/kg	16100	515	1410	1570	4.0	2.9	9582517
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.444	<0.025	<0.025	0.025	0.043	9582517
Total (Wet Wt) Cobalt (Co)	mg/kg	0.212	0.301	0.161	0.237	0.0013	0.0017	9582517
Total (Wet Wt) Copper (Cu)	mg/kg	58.2	8.78	24.6	12.3	0.013	0.013	9582517
Total (Wet Wt) Iron (Fe)	mg/kg	23.1	43.2	48.9	36.2	0.25	0.40	9582517
Total (Wet Wt) Lead (Pb)	mg/kg	0.0015	0.0054	0.0029	0.0025	0.0013	N/A	9582517
Total (Wet Wt) Magnesium (Mg)	mg/kg	1160	359	556	471	0.40	0.61	9582517
Total (Wet Wt) Manganese (Mn)	mg/kg	3.75	0.817	1.19	1.11	0.010	0.0090	9582517
Total (Wet Wt) Mercury (Hg)	mg/kg	0.091	0.029	0.057	0.049	0.013	0.0063	9582517
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.157	0.354	0.183	0.242	0.0080	0.0068	9582517
Total (Wet Wt) Nickel (Ni)	mg/kg	0.122	0.408	0.107	0.150	0.010	0.010	9582517
Total (Wet Wt) Phosphorus (P)	mg/kg	12900	1120	2200	2280	2.0	1.1	9582517
Total (Wet Wt) Potassium (K)	mg/kg	2010	1500	1210	1510	2.5	2.1	9582517
Total (Wet Wt) Selenium (Se)	mg/kg	1.66	1.94	1.13	1.11	0.010	0.0079	9582517
Total (Wet Wt) Silver (Ag)	mg/kg	0.983	0.149	0.512	0.161	0.0013	0.00079	9582517
Total (Wet Wt) Sodium (Na)	mg/kg	3700	4890	4830	4020	2.5	2.1	9582517
Total (Wet Wt) Strontium (Sr)	mg/kg	216	9.12	41.6	40.9	0.013	0.0066	9582517
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00170	0.00264	0.00044	0.00058	0.00040	0.00037	9582517
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.088	9582517
Total (Wet Wt) Titanium (Ti)	mg/kg	0.91	0.17	0.23	0.20	0.13	0.14	9582517
Total (Wet Wt) Uranium (U)	mg/kg	0.0191	0.0213	0.0359	0.0390	0.00040	0.00025	9582517
Total (Wet Wt) Vanadium (V)	mg/kg	0.049	0.131	0.076	0.074	0.020	0.053	9582517
Total (Wet Wt) Zinc (Zn)	mg/kg	11.4	10.3	12.3	11.2	0.20	0.33	9582517

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7526	WG7526	WG7527	WG7528			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-01	19B-LNG-SOLE-01 Lab-Dup	19B-LNG-SOLE-02	19B-LNG-SOLE-03	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	N/A	9582519
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582519
Total (Wet Wt) Arsenic (As)	mg/kg	2.24	2.22	3.19	4.13	0.0050	0.0056	9582519
Total (Wet Wt) Barium (Ba)	mg/kg	0.028	0.013	0.038	0.039	0.010	0.018	9582519
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582519
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0018	0.0017	0.0018	0.0023	0.0013	0.0015	9582519
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	N/A	9582519
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0014	<0.0013	0.0013	0.00075	9582519
Total (Wet Wt) Calcium (Ca)	mg/kg	245	137	657	107	4.0	2.9	9582519
Total (Wet Wt) Chromium (Cr)	mg/kg	0.027	<0.025	<0.025	<0.025	0.025	0.043	9582519
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0034	0.0031	0.0033	0.0023	0.0013	0.0017	9582519
Total (Wet Wt) Copper (Cu)	mg/kg	0.111	0.102	0.105	0.108	0.013	0.013	9582519
Total (Wet Wt) Iron (Fe)	mg/kg	0.99	0.89	0.90	1.04	0.25	0.40	9582519
Total (Wet Wt) Lead (Pb)	mg/kg	0.0026	<0.0013	0.0024	0.0036	0.0013	N/A	9582519
Total (Wet Wt) Magnesium (Mg)	mg/kg	258	250	265	248	0.40	0.61	9582519
Total (Wet Wt) Manganese (Mn)	mg/kg	0.120	0.100	0.144	0.070	0.010	0.0090	9582519
Total (Wet Wt) Mercury (Hg)	mg/kg	0.082	0.076	0.129	0.177	0.013	0.0063	9582519
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582519
Total (Wet Wt) Nickel (Ni)	mg/kg	0.012	<0.010	<0.010	<0.010	0.010	0.010	9582519
Total (Wet Wt) Phosphorus (P)	mg/kg	2090	2020	2220	2020	2.0	1.1	9582519
Total (Wet Wt) Potassium (K)	mg/kg	4340	4270	4100	3870	2.5	2.1	9582519
Total (Wet Wt) Selenium (Se)	mg/kg	0.358	0.351	0.262	0.413	0.010	0.0079	9582519
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582519
Total (Wet Wt) Sodium (Na)	mg/kg	661	656	570	661	2.5	2.1	9582519
Total (Wet Wt) Strontium (Sr)	mg/kg	1.13 (1)	0.548 (2)	4.52	0.511	0.013	0.0066	9582519
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582519
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.031	0.051	0.041	0.020	0.088	9582519
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.14	0.15	<0.13	0.13	0.14	9582519
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00151	<0.00040	0.00040	0.00025	9582519

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Duplicate RPD for Sr above control limit - Non-homogenous sample. Re-analysis yields similar results.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7526	WG7526	WG7527	WG7528			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	**19B-LNG-SOLE-01**	**19B-LNG-SOLE-01 Lab-Dup**	**19B-LNG-SOLE-02**	**19B-LNG-SOLE-03**	**RDL**	**MDL**	**QC Batch**
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582519
Total (Wet Wt) Zinc (Zn)	mg/kg	3.72	3.50	4.26	3.30	0.20	0.33	9582519

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7529	WG7530	WG7531	WG7532			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-04	19B-LNG-SOLE-05	19B-LNG-SOLE-06	19B-LNG-SOLE-07	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	N/A	9582519
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582519
Total (Wet Wt) Arsenic (As)	mg/kg	2.64	2.16	12.2	2.10	0.0050	0.0056	9582519
Total (Wet Wt) Barium (Ba)	mg/kg	0.016	0.022	0.014	0.017	0.010	0.018	9582519
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582519
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0019	0.0014	<0.0013	0.0015	0.0013	0.0015	9582519
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	N/A	9582519
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582519
Total (Wet Wt) Calcium (Ca)	mg/kg	111	110	128	152	4.0	2.9	9582519
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	0.043	9582519
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0034	0.0023	0.0020	0.0021	0.0013	0.0017	9582519
Total (Wet Wt) Copper (Cu)	mg/kg	0.715	0.106	0.112	0.133	0.013	0.013	9582519
Total (Wet Wt) Iron (Fe)	mg/kg	0.85	0.90	1.21	1.14	0.25	0.40	9582519
Total (Wet Wt) Lead (Pb)	mg/kg	0.0429	0.0028	<0.0013	0.0025	0.0013	N/A	9582519
Total (Wet Wt) Magnesium (Mg)	mg/kg	250	278	252	282	0.40	0.61	9582519
Total (Wet Wt) Manganese (Mn)	mg/kg	0.111	0.099	0.061	0.136	0.010	0.0090	9582519
Total (Wet Wt) Mercury (Hg)	mg/kg	0.074	0.082	0.032	0.051	0.013	0.0063	9582519
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582519
Total (Wet Wt) Nickel (Ni)	mg/kg	0.097	<0.010	<0.010	<0.010	0.010	0.010	9582519
Total (Wet Wt) Phosphorus (P)	mg/kg	1950	2060	2050	2140	2.0	1.1	9582519
Total (Wet Wt) Potassium (K)	mg/kg	4020	4320	4290	4400	2.5	2.1	9582519
Total (Wet Wt) Selenium (Se)	mg/kg	0.263	0.266	1.26	0.333	0.010	0.0079	9582519
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582519
Total (Wet Wt) Sodium (Na)	mg/kg	704	527	564	556	2.5	2.1	9582519
Total (Wet Wt) Strontium (Sr)	mg/kg	0.383	0.293	0.477	0.446	0.013	0.0066	9582519
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582519
Total (Wet Wt) Tin (Sn)	mg/kg	0.042	0.021	0.049	0.023	0.020	0.088	9582519
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.15	0.16	0.16	0.13	0.14	9582519
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582519
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582519
Total (Wet Wt) Zinc (Zn)	mg/kg	4.05	3.25	3.35	3.77	0.20	0.33	9582519

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7533	WG7534	WG7535	WG7536			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-08	19B-LNG-SOLE-09	19B-LNG-SOLE-10	19B-LNG-SOLE-11	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	N/A	9582519
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582519
Total (Wet Wt) Arsenic (As)	mg/kg	1.27	3.79	3.07	2.57	0.0050	0.0056	9582519
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	0.023	0.027	0.014	0.010	0.018	9582519
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582519
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0013	0.0021	0.0024	0.0016	0.0013	0.0015	9582519
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	N/A	9582519
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582519
Total (Wet Wt) Calcium (Ca)	mg/kg	96.7	126	217	197	4.0	2.9	9582519
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	0.043	9582519
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0022	0.0029	0.0036	0.0039	0.0013	0.0017	9582519
Total (Wet Wt) Copper (Cu)	mg/kg	0.092	0.105	0.121	0.080	0.013	0.013	9582519
Total (Wet Wt) Iron (Fe)	mg/kg	0.80	0.80	0.96	1.02	0.25	0.40	9582519
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	0.0029	0.0022	0.0013	0.0013	N/A	9582519
Total (Wet Wt) Magnesium (Mg)	mg/kg	244	277	278	261	0.40	0.61	9582519
Total (Wet Wt) Manganese (Mn)	mg/kg	0.065	0.085	0.104	0.072	0.010	0.0090	9582519
Total (Wet Wt) Mercury (Hg)	mg/kg	0.047	0.104	0.155	0.106	0.013	0.0063	9582519
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582519
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	0.010	9582519
Total (Wet Wt) Phosphorus (P)	mg/kg	1800	2100	2090	2010	2.0	1.1	9582519
Total (Wet Wt) Potassium (K)	mg/kg	3940	4390	4190	4040	2.5	2.1	9582519
Total (Wet Wt) Selenium (Se)	mg/kg	0.268	0.357	0.396	0.468	0.010	0.0079	9582519
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582519
Total (Wet Wt) Sodium (Na)	mg/kg	702	521	592	648	2.5	2.1	9582519
Total (Wet Wt) Strontium (Sr)	mg/kg	0.267	0.448	1.10	0.916	0.013	0.0066	9582519
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582519
Total (Wet Wt) Tin (Sn)	mg/kg	0.022	0.035	0.034	0.048	0.020	0.088	9582519
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	0.14	0.14	0.14	0.13	0.14	9582519
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582519
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582519
Total (Wet Wt) Zinc (Zn)	mg/kg	2.93	3.19	3.39	3.14	0.20	0.33	9582519

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7537	WG7538	WG7539	WG7540			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-12	19B-LNG-SOLE-13	19B-LNG-SOLE-14	19B-LNG-SOLE-15	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	N/A	9582519
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582519
Total (Wet Wt) Arsenic (As)	mg/kg	2.41	2.61	3.39	3.23	0.0050	0.0056	9582519
Total (Wet Wt) Barium (Ba)	mg/kg	0.029	0.018	0.040	0.031	0.010	0.018	9582519
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582519
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0021	0.0016	<0.0013	0.0019	0.0013	0.0015	9582519
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	N/A	9582519
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582519
Total (Wet Wt) Calcium (Ca)	mg/kg	513	201	163	258	4.0	2.9	9582519
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	0.043	9582519
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0029	0.0037	0.0035	0.0039	0.0013	0.0017	9582519
Total (Wet Wt) Copper (Cu)	mg/kg	0.119	0.120	0.179	0.142	0.013	0.013	9582519
Total (Wet Wt) Iron (Fe)	mg/kg	0.84	1.23	0.77	1.04	0.25	0.40	9582519
Total (Wet Wt) Lead (Pb)	mg/kg	0.0023	0.0017	0.0088	0.0040	0.0013	N/A	9582519
Total (Wet Wt) Magnesium (Mg)	mg/kg	271	274	278	295	0.40	0.61	9582519
Total (Wet Wt) Manganese (Mn)	mg/kg	0.123	0.102	0.094	0.095	0.010	0.0090	9582519
Total (Wet Wt) Mercury (Hg)	mg/kg	0.105	0.069	0.058	0.109	0.013	0.0063	9582519
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582519
Total (Wet Wt) Nickel (Ni)	mg/kg	0.014	0.019	0.020	<0.010	0.010	0.010	9582519
Total (Wet Wt) Phosphorus (P)	mg/kg	2120	2080	2120	2220	2.0	1.1	9582519
Total (Wet Wt) Potassium (K)	mg/kg	4060	4220	4460	4400	2.5	2.1	9582519
Total (Wet Wt) Selenium (Se)	mg/kg	0.322	0.279	0.359	0.333	0.010	0.0079	9582519
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582519
Total (Wet Wt) Sodium (Na)	mg/kg	573	486	457	567	2.5	2.1	9582519
Total (Wet Wt) Strontium (Sr)	mg/kg	2.32	0.847	0.540	1.47	0.013	0.0066	9582519
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582519
Total (Wet Wt) Tin (Sn)	mg/kg	0.028	0.032	0.046	0.037	0.020	0.088	9582519
Total (Wet Wt) Titanium (Ti)	mg/kg	0.15	0.15	0.16	0.14	0.13	0.14	9582519
Total (Wet Wt) Uranium (U)	mg/kg	0.00044	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582519
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582519
Total (Wet Wt) Zinc (Zn)	mg/kg	3.94	3.75	3.39	3.53	0.20	0.33	9582519

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7586	WG7586	WG7589	WG7591			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-01	19B-VIL-SOLE-01 Lab-Dup	19B-VIL-SOLE-04	19B-VIL-SOLE-06	RDL	MDL	QC Batch
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	N/A	9582522
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582522
Total (Wet Wt) Arsenic (As)	mg/kg	5.78	5.39	4.30	1.08	0.0050	0.0056	9582522
Total (Wet Wt) Barium (Ba)	mg/kg	0.032	0.020	0.011	0.021	0.010	0.018	9582522
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582522
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0028	0.0028	0.0024	<0.0013	0.0013	0.0015	9582522
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	N/A	9582522
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582522
Total (Wet Wt) Calcium (Ca)	mg/kg	501 (1)	195 (2)	81.0	80.4	4.0	2.9	9582522
Total (Wet Wt) Chromium (Cr)	mg/kg	0.034	0.026	<0.025	<0.025	0.025	0.043	9582522
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0033	0.0027	0.0024	<0.0013	0.0013	0.0017	9582522
Total (Wet Wt) Copper (Cu)	mg/kg	0.168	0.159	0.134	0.102	0.013	0.013	9582522
Total (Wet Wt) Iron (Fe)	mg/kg	0.88	0.83	0.85	1.07	0.25	0.40	9582522
Total (Wet Wt) Lead (Pb)	mg/kg	0.0030	0.0019	<0.0013	0.0020	0.0013	N/A	9582522
Total (Wet Wt) Magnesium (Mg)	mg/kg	293	269	261	241	0.40	0.61	9582522
Total (Wet Wt) Manganese (Mn)	mg/kg	0.195 (3)	0.122 (2)	0.099	0.133	0.010	0.0090	9582522
Total (Wet Wt) Mercury (Hg)	mg/kg	0.191	0.180	0.232	<0.013	0.013	0.0063	9582522
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582522
Total (Wet Wt) Nickel (Ni)	mg/kg	0.019	0.017	<0.010	0.011	0.010	0.010	9582522
Total (Wet Wt) Phosphorus (P)	mg/kg	2450	2220	2020	2000	2.0	1.1	9582522
Total (Wet Wt) Potassium (K)	mg/kg	4160	4000	3820	4340	2.5	2.1	9582522
Total (Wet Wt) Selenium (Se)	mg/kg	0.398	0.369	0.459	0.164	0.010	0.0079	9582522
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582522
Total (Wet Wt) Sodium (Na)	mg/kg	558	516	474	376	2.5	2.1	9582522
Total (Wet Wt) Strontium (Sr)	mg/kg	2.82 (4)	0.950 (2)	0.372	0.156	0.013	0.0066	9582522
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582522
Total (Wet Wt) Tin (Sn)	mg/kg	0.029	0.020	0.025	0.031	0.020	0.088	9582522

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Duplicate RPD for Ca above control limit - Non-homogenous sample. Re-analysis yields similar results.
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(3) Duplicate RPD for Mn above control limit - Non-homogenous sample. Re-analysis yields similar results.
(4) Duplicate RPD for Sr above control limit - Non-homogenous sample. Re-analysis yields similar results.

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7586	WG7586	WG7589	WG7591			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-01	19B-VIL-SOLE-01 Lab-Dup	19B-VIL-SOLE-04	19B-VIL-SOLE-06	RDL	MDL	QC Batch
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	0.15	0.16	0.15	0.13	0.14	9582522
Total (Wet Wt) Uranium (U)	mg/kg	0.00088	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582522
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	0.053	9582522
Total (Wet Wt) Zinc (Zn)	mg/kg	4.88	4.48	4.00	3.39	0.20	0.33	9582522

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7592	WG7593	WG7594			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-07 + 10	19B-VIL-SOLE-08	19B-VIL-SOLE-09	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582522
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582522
Total (Wet Wt) Arsenic (As)	mg/kg	3.97	1.73	3.05	0.0050	0.0056	9582522
Total (Wet Wt) Barium (Ba)	mg/kg	0.021	0.028	0.018	0.010	0.018	9582522
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582522
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0024	0.0015	0.0023	0.0013	0.0015	9582522
Total (Wet Wt) Boron (B)	mg/kg	<0.20	0.23	<0.20	0.20	N/A	9582522
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582522
Total (Wet Wt) Calcium (Ca)	mg/kg	423	230	65.0	4.0	2.9	9582522
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582522
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0031	0.0025	0.0016	0.0013	0.0017	9582522
Total (Wet Wt) Copper (Cu)	mg/kg	0.131	0.102	0.100	0.013	0.013	9582522
Total (Wet Wt) Iron (Fe)	mg/kg	0.91	1.05	0.58	0.25	0.40	9582522
Total (Wet Wt) Lead (Pb)	mg/kg	0.0015	0.0026	<0.0013	0.0013	N/A	9582522
Total (Wet Wt) Magnesium (Mg)	mg/kg	258	251	277	0.40	0.61	9582522
Total (Wet Wt) Manganese (Mn)	mg/kg	0.272	0.083	0.067	0.010	0.0090	9582522
Total (Wet Wt) Mercury (Hg)	mg/kg	0.158	0.153	0.220	0.013	0.0063	9582522
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582522
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.011	0.012	0.010	0.010	9582522
Total (Wet Wt) Phosphorus (P)	mg/kg	2160	2140	1980	2.0	1.1	9582522
Total (Wet Wt) Potassium (K)	mg/kg	4110	4060	3770	2.5	2.1	9582522
Total (Wet Wt) Selenium (Se)	mg/kg	0.348	0.368	0.442	0.010	0.0079	9582522
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582522
Total (Wet Wt) Sodium (Na)	mg/kg	497	446	389	2.5	2.1	9582522
Total (Wet Wt) Strontium (Sr)	mg/kg	1.69	1.20	0.192	0.013	0.0066	9582522
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582522
Total (Wet Wt) Tin (Sn)	mg/kg	0.036	0.031	<0.020	0.020	0.088	9582522
Total (Wet Wt) Titanium (Ti)	mg/kg	0.17	0.15	0.15	0.13	0.14	9582522
Total (Wet Wt) Uranium (U)	mg/kg	0.00041	<0.00040	<0.00040	0.00040	0.00025	9582522
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582522
Total (Wet Wt) Zinc (Zn)	mg/kg	3.58	3.30	3.54	0.20	0.33	9582522

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7596	WG7597	WG7598			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-11 +14	19B-VIL-SOLE-12	19B-VIL-SOLE-13	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582522
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582522
Total (Wet Wt) Arsenic (As)	mg/kg	7.75	5.43	2.79	0.0050	0.0056	9582522
Total (Wet Wt) Barium (Ba)	mg/kg	0.017	0.015	0.012	0.010	0.018	9582522
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582522
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0022	0.0032	0.0026	0.0013	0.0015	9582522
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582522
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582522
Total (Wet Wt) Calcium (Ca)	mg/kg	93.9	106	93.0	4.0	2.9	9582522
Total (Wet Wt) Chromium (Cr)	mg/kg	0.033	<0.025	<0.025	0.025	0.043	9582522
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0028	0.0020	0.0020	0.0013	0.0017	9582522
Total (Wet Wt) Copper (Cu)	mg/kg	0.135	0.110	0.112	0.013	0.013	9582522
Total (Wet Wt) Iron (Fe)	mg/kg	1.45	1.09	0.74	0.25	0.40	9582522
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0015	0.0020	0.0013	N/A	9582522
Total (Wet Wt) Magnesium (Mg)	mg/kg	258	232	280	0.40	0.61	9582522
Total (Wet Wt) Manganese (Mn)	mg/kg	0.088	0.083	0.085	0.010	0.0090	9582522
Total (Wet Wt) Mercury (Hg)	mg/kg	0.234	0.319	0.111	0.013	0.0063	9582522
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582522
Total (Wet Wt) Nickel (Ni)	mg/kg	0.025	0.012	0.020	0.010	0.010	9582522
Total (Wet Wt) Phosphorus (P)	mg/kg	2150	1900	2100	2.0	1.1	9582522
Total (Wet Wt) Potassium (K)	mg/kg	4180	3930	4240	2.5	2.1	9582522
Total (Wet Wt) Selenium (Se)	mg/kg	0.477	0.456	0.373	0.010	0.0079	9582522
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582522
Total (Wet Wt) Sodium (Na)	mg/kg	422	464	327	2.5	2.1	9582522
Total (Wet Wt) Strontium (Sr)	mg/kg	0.327	0.554	0.202	0.013	0.0066	9582522
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582522
Total (Wet Wt) Tin (Sn)	mg/kg	0.054	<0.020	0.031	0.020	0.088	9582522
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	0.14	0.16	0.13	0.14	9582522
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582522
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582522
Total (Wet Wt) Zinc (Zn)	mg/kg	3.79	2.91	3.68	0.20	0.33	9582522

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7600	WG7602	WG7603			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-15 + 16	19B-VIL-SOLE-17	19B-VIL-SOLE-18 + 19	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582522
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582522
Total (Wet Wt) Arsenic (As)	mg/kg	2.56	3.35	1.55	0.0050	0.0056	9582522
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	0.011	0.013	0.010	0.018	9582522
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582522
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	0.0024	0.0027	0.0013	0.0015	9582522
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582522
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0024	0.0013	0.00075	9582522
Total (Wet Wt) Calcium (Ca)	mg/kg	63.7	60.2	81.2	4.0	2.9	9582522
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582522
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0024	<0.0013	0.0046	0.0013	0.0017	9582522
Total (Wet Wt) Copper (Cu)	mg/kg	0.085	0.107	0.185	0.013	0.013	9582522
Total (Wet Wt) Iron (Fe)	mg/kg	0.74	0.98	2.48	0.25	0.40	9582522
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0042	0.0013	N/A	9582522
Total (Wet Wt) Magnesium (Mg)	mg/kg	222	234	268	0.40	0.61	9582522
Total (Wet Wt) Manganese (Mn)	mg/kg	0.070	0.073	0.094	0.010	0.0090	9582522
Total (Wet Wt) Mercury (Hg)	mg/kg	0.154	0.204	0.111	0.013	0.0063	9582522
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582522
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	0.010	0.010	0.010	9582522
Total (Wet Wt) Phosphorus (P)	mg/kg	1720	1900	2020	2.0	1.1	9582522
Total (Wet Wt) Potassium (K)	mg/kg	3590	3970	4060	2.5	2.1	9582522
Total (Wet Wt) Selenium (Se)	mg/kg	0.313	0.351	0.348	0.010	0.0079	9582522
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582522
Total (Wet Wt) Sodium (Na)	mg/kg	731	489	448	2.5	2.1	9582522
Total (Wet Wt) Strontium (Sr)	mg/kg	0.253	0.195	0.199	0.013	0.0066	9582522
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582522
Total (Wet Wt) Tin (Sn)	mg/kg	0.022	<0.020	0.022	0.020	0.088	9582522
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	0.14	0.18	0.13	0.14	9582522
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582522
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582522
Total (Wet Wt) Zinc (Zn)	mg/kg	2.76	3.34	3.85	0.20	0.33	9582522

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7605	WG7608	WG7612			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582522
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582522
Total (Wet Wt) Arsenic (As)	mg/kg	4.28	1.16	2.47	0.0050	0.0056	9582522
Total (Wet Wt) Barium (Ba)	mg/kg	0.024	<0.010	<0.010	0.010	0.018	9582522
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582522
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0029	<0.0013	0.0019	0.0013	0.0015	9582522
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582522
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0020	0.0013	0.00075	9582522
Total (Wet Wt) Calcium (Ca)	mg/kg	523	86.8	127	4.0	2.9	9582522
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.031	0.025	0.043	9582522
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0021	<0.0013	0.0027	0.0013	0.0017	9582522
Total (Wet Wt) Copper (Cu)	mg/kg	0.107	0.110	0.111	0.013	0.013	9582522
Total (Wet Wt) Iron (Fe)	mg/kg	0.88	1.31	1.59	0.25	0.40	9582522
Total (Wet Wt) Lead (Pb)	mg/kg	0.0015	<0.0013	0.0014	0.0013	N/A	9582522
Total (Wet Wt) Magnesium (Mg)	mg/kg	244	242	227	0.40	0.61	9582522
Total (Wet Wt) Manganese (Mn)	mg/kg	0.141	0.118	0.109	0.010	0.0090	9582522
Total (Wet Wt) Mercury (Hg)	mg/kg	0.245	0.027	0.159	0.013	0.0063	9582522
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582522
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.010	0.013	0.010	0.010	9582522
Total (Wet Wt) Phosphorus (P)	mg/kg	2100	1960	1820	2.0	1.1	9582522
Total (Wet Wt) Potassium (K)	mg/kg	3660	3980	3740	2.5	2.1	9582522
Total (Wet Wt) Selenium (Se)	mg/kg	0.375	0.143	0.361	0.010	0.0079	9582522
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582522
Total (Wet Wt) Sodium (Na)	mg/kg	643	465	669	2.5	2.1	9582522
Total (Wet Wt) Strontium (Sr)	mg/kg	2.84	0.204	0.790	0.013	0.0066	9582522
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582522
Total (Wet Wt) Tin (Sn)	mg/kg	0.020	0.023	<0.020	0.020	0.088	9582522
Total (Wet Wt) Titanium (Ti)	mg/kg	0.15	0.15	0.15	0.13	0.14	9582522
Total (Wet Wt) Uranium (U)	mg/kg	0.00055	<0.00040	<0.00040	0.00040	0.00025	9582522
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582522
Total (Wet Wt) Zinc (Zn)	mg/kg	3.88	3.37	2.97	0.20	0.33	9582522

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7616	WG7616	WG7617			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-01	19B-ARM-SOLE-01 Lab-Dup	19B-ARM-SOLE-02 +7	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	4.69	4.71	3.08	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.020	0.028	0.039	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0037	0.0039	0.0031	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	136	205	512	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0029	0.0024	0.0038	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.144	0.128	0.106	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.78	0.76	0.98	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0036	0.0044	0.0036	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	291	291	264	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.097	0.104	0.132	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.088	0.087	0.068	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	2170	2200	2310	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	4430	4400	4270	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.292	0.287	1.05	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	411	413	543	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	0.483	0.801	2.33	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	0.037	0.030	<0.020	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.14	0.18	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.72	3.67	3.62	0.20	0.33	9582523

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7618	WG7620	WG7621			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-03 +15	19B-ARM-SOLE-05 +10	19B-ARM-SOLE-06 +14	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	2.73	4.61	1.97	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.032	0.041	0.046	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0043	0.0036	0.0047	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0031	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	95.8	122	348	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0057	0.0037	0.0031	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.124	0.124	0.103	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.90	0.86	1.18	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0031	0.0040	0.0040	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	270	256	254	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.105	0.091	0.075	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.087	0.068	0.064	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	2000	2010	1990	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	4160	4180	3930	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.466	0.584	0.388	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	515	572	569	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	0.257	0.469	1.41	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	0.045	<0.020	0.023	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	0.15	<0.13	0.14	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00156	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.10	3.51	3.18	0.20	0.33	9582523

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7623	WG7626	WG7627			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-08 + 09	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	3.83	4.37	2.81	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.040	0.024	0.060	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0039	0.0032	0.0038	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0036	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	609	375	475	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	0.030	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0055	0.0071	0.0058	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.115	0.135	0.118	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.86	0.95	1.25	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0027	0.0016	0.0052	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	270	248	285	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.136	0.089	0.113	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.073	0.119	0.066	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	0.018	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	2320	2080	2260	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	4280	3850	4200	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.535	0.377	0.469	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	521	708	476	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	2.79	1.63	2.22	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	0.021	0.035	0.034	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	0.16	0.15	0.17	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	0.00079	<0.00040	0.00141	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.53	4.04	3.59	0.20	0.33	9582523

RDL = Reportable Detection Limit
N/A = Not Applicable

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7628	WG7632	WG7633			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-13+23	19B-ARM-SOLE-17+25	19B-ARM-SOLE-18	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0078	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	3.66	2.14	1.28	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.024	0.024	0.023	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0040	0.0038	0.0048	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0013	<0.0013	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	299	243	138	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0062	0.0051	0.0021	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.111	0.123	0.144	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.87	1.08	0.81	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0019	0.0014	0.0023	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	251	265	285	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.120	0.097	0.089	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.079	0.077	0.135	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	0.019	0.028	<0.010	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	1930	2020	2120	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	3820	3880	4160	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.748	0.456	0.309	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	621	580	448	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	1.16	1.01	0.414	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	0.039	0.027	0.036	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.15	0.16	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.98	3.43	3.68	0.20	0.33	9582523

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7637	WG7639	WG7641			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-22	19B-ARM-SOLE-24	19B-ARM-SOLE-26 +27	RDL	MDL	QC Batch
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	5.18	1.69	4.96	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.019	0.038	0.011	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0054	0.0043	0.0042	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0019	<0.0013	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	127	514	125	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0039	0.0051	0.0050	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.114	0.102	0.105	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.78	0.83	0.90	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0027	<0.0013	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	260	264	251	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.083	0.105	0.072	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.096	0.059	0.071	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	0.012	0.010	0.013	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	2000	2180	1910	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	4120	4130	3880	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.502	0.519	0.517	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	535	554	556	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	0.394	2.04	0.357	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	0.038	0.027	0.040	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	0.14	0.13	0.14	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.86	4.11	3.32	0.20	0.33	9582523

RDL = Reportable Detection Limit
N/A = Not Applicable

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ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		WG7645			
Sampling Date					
COC Number		UNKNOWN			
	UNITS	19B-ARM-SOLE-30	RDL	MDL	QC Batch
Total Metals by ICPMS					
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	0.50	N/A	9582523
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0020	0.0027	9582523
Total (Wet Wt) Arsenic (As)	mg/kg	1.37	0.0050	0.0056	9582523
Total (Wet Wt) Barium (Ba)	mg/kg	0.029	0.010	0.018	9582523
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	0.0020	0.00069	9582523
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0044	0.0013	0.0015	9582523
Total (Wet Wt) Boron (B)	mg/kg	<0.20	0.20	N/A	9582523
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0013	0.00075	9582523
Total (Wet Wt) Calcium (Ca)	mg/kg	197	4.0	2.9	9582523
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.025	0.043	9582523
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0036	0.0013	0.0017	9582523
Total (Wet Wt) Copper (Cu)	mg/kg	0.172	0.013	0.013	9582523
Total (Wet Wt) Iron (Fe)	mg/kg	0.78	0.25	0.40	9582523
Total (Wet Wt) Lead (Pb)	mg/kg	0.0028	0.0013	N/A	9582523
Total (Wet Wt) Magnesium (Mg)	mg/kg	272	0.40	0.61	9582523
Total (Wet Wt) Manganese (Mn)	mg/kg	0.077	0.010	0.0090	9582523
Total (Wet Wt) Mercury (Hg)	mg/kg	0.047	0.013	0.0063	9582523
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0080	0.0068	9582523
Total (Wet Wt) Nickel (Ni)	mg/kg	0.023	0.010	0.010	9582523
Total (Wet Wt) Phosphorus (P)	mg/kg	2020	2.0	1.1	9582523
Total (Wet Wt) Potassium (K)	mg/kg	4010	2.5	2.1	9582523
Total (Wet Wt) Selenium (Se)	mg/kg	0.328	0.010	0.0079	9582523
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	0.0013	0.00079	9582523
Total (Wet Wt) Sodium (Na)	mg/kg	490	2.5	2.1	9582523
Total (Wet Wt) Strontium (Sr)	mg/kg	0.672	0.013	0.0066	9582523
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	0.00040	0.00037	9582523
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.020	0.088	9582523
Total (Wet Wt) Titanium (Ti)	mg/kg	<0.13	0.13	0.14	9582523
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00040	0.00025	9582523
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.020	0.053	9582523
Total (Wet Wt) Zinc (Zn)	mg/kg	3.78	0.20	0.33	9582523

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7286	WG7286	WG7286	WG7287			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-01	19B-LNG-CRAB-01 Lab-Dup	19B-LNG-CRAB-01 Lab-Dup 2	19B-LNG-CRAB-02	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	86	87	86	86	0.30	N/A	9566989

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7288	WG7289	WG7290	WG7291			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-03	19B-LNG-CRAB-04	19B-LNG-CRAB-05	19B-LNG-CRAB-06	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	83	86	79	82	0.30	N/A	9566989

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7292	WG7293	WG7294	WG7295			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-07	19B-LNG-CRAB-08	19B-LNG-CRAB-09	19B-LNG-CRAB-10	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	84	80	79	80	0.30	N/A	9566989

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7296	WG7297	WG7298	WG7299			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-11	19B-LNG-CRAB-12	19B-LNG-CRAB-13	19B-LNG-CRAB-14	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	85	87	85	88	0.30	N/A	9566989

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7300	WG7316	WG7316	WG7316	WG7317			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-CRAB-15	19B-VIL-CRAB21	19B-VIL-CRAB21 Lab-Dup	19B-VIL-CRAB21 Lab-Dup 2	19B-VIL-CRAB-27	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	86	93	94	92	82	0.30	N/A	9566989

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7318	WG7319	WG7320		WG7321			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN		UNKNOWN			
	UNITS	19B-VIL-CRAB-28	19B-VIL-CRAB-51	19B-VIL-CRAB-40	QC Batch	19B-VIL-CRAB-41	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	81	80	82	9566989	88	0.30	N/A	9566998

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7322	WG7323	WG7324	WG7325			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-42	19B-VIL-CRAB-43	19B-VIL-CRAB-44	19B-VIL-CRAB-45	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	80	78	83	80	0.30	N/A	9566998

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7326	WG7327	WG7328	WG7329			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-46	19B-VIL-CRAB-47	19B-VIL-CRAB-48	19B-VIL-CRAB-49	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	78	80	81	87	0.30	N/A	9566998

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7330		WG7331	WG7331	WG7331			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-CRAB-50	QC Batch	19B-ARM-CRAB-01	19B-ARM-CRAB-01 Lab-Dup	19B-ARM-CRAB-01 Lab-Dup 2	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	85	9566998	86	83	89	0.30	N/A	9567022

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7332	WG7333	WG7334	WG7335			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-02	19B-ARM-CRAB-03	19B-ARM-CRAB-04	19B-ARM-CRAB-05	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	80	80	84	83	0.30	N/A	9567022

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7336	WG7337	WG7338	WG7339			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-06	19B-ARM-CRAB-07	19B-ARM-CRAB-08	19B-ARM-CRAB-09	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	80	82	84	79	0.30	N/A	9567022

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7340	WG7341	WG7342	WG7343			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-10	19B-ARM-CRAB-11	19B-ARM-CRAB-12	19B-ARM-CRAB-13	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	82	82	85	0.30	N/A	9567022

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7344	WG7345		WG7346	WG7346			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-CRAB-14	19B-ARM-CRAB-15	QC Batch	19B-LNG-HEP-01	19B-LNG-HEP-01 Lab-Dup	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	80	81	9567022	86	85	0.30	N/A	9566334

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7346	WG7347	WG7348	WG7349	WG7350			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-01 Lab-Dup 2	19B-LNG-HEP-02	19B-LNG-HEP-03	19B-LNG-HEP-04	19B-LNG-HEP-05	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	85	84	90	86	83	0.30	N/A	9566334

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7351	WG7352	WG7353	WG7354			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-06	19B-LNG-HEP-07	19B-LNG-HEP-08	19B-LNG-HEP-09	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	86	87	87	82	0.30	N/A	9566334

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7355	WG7356	WG7357	WG7358	WG7359			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-10	19B-LNG-HEP-11	19B-LNG-HEP-12	19B-LNG-HEP-13	19B-LNG-HEP-14	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	86	87	89	87	88	0.30	N/A	9566911

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7360		WG7361	WG7361	WG7361			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-15	QC Batch	19B-LNG-HEP-16	19B-LNG-HEP-16 Lab-Dup	19B-LNG-HEP-16 Lab-Dup 2	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	87	9566911	87	85	88	0.30	N/A	9566334

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7362	WG7363	WG7364	WG7365	WG7366			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-17	19B-LNG-HEP-18	19B-LNG-HEP-19	19B-LNG-HEP-20	19B-LNG-HEP-21	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	86	84	81	83	73	0.30	N/A	9566334

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7367	WG7368	WG7369	WG7370	WG7371			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-22	19B-LNG-HEP-23	19B-LNG-HEP-24	19B-LNG-HEP-25	19B-LNG-HEP-26	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	77	79	84	83	80	0.30	N/A	9566334

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7372	WG7373	WG7374	WG7375	WG7376			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-27	19B-LNG-HEP-28	19B-LNG-HEP-29	19B-LNG-HEP-30	19B-LNG-HEP-31	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	85	80	84	84	86	0.30	N/A	9566911

RDL = Reportable Detection Limit
N/A = Not Applicable

PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7377	WG7378	WG7378	WG7378	WG7379			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-32	19B-LNG-HEP-33	19B-LNG-HEP-33 Lab-Dup	19B-LNG-HEP-33 Lab-Dup 2	19B-LNG-HEP-34	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	70	83	78	79	79	0.30	N/A	9566911

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7380	WG7381	WG7382	WG7383	WG7384			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-35	19B-LNG-HEP-36	19B-LNG-HEP-37	19B-LNG-HEP-38	19B-LNG-HEP-39	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	85	88	85	84	83	0.30	N/A	9566911

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7385		WG7386	WG7387	WG7388			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-40	QC Batch	19B-LNG-HEP-41	19B-LNG-HEP-42	19B-LNG-HEP-43	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	79	9566911	89	83	75	0.30	N/A	9566981

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7389	WG7390		WG7436	WG7436			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-HEP-44	19B-LNG-HEP-45	QC Batch	19B-VIL-HEP-01	19B-VIL-HEP-01 Lab-Dup	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	87	80	9566981	70	77	0.30	N/A	9566998

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7436	WG7437	WG7438	WG7439	WG7440			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-01 Lab-Dup 2	19B-VIL-HEP-02	19B-VIL-HEP-03	19B-VIL-HEP-04	19B-VIL-HEP-05	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	69	75	70	72	84	0.30	N/A	9566998

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7441	WG7442	WG7443	WG7444	WG7445			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-06	19B-VIL-HEP-07	19B-VIL-HEP-08	19B-VIL-HEP-09	19B-VIL-HEP-10	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	81	79	76	77	75	0.30	N/A	9566998

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7446	WG7447	WG7448	WG7449	WG7450			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-11	19B-VIL-HEP-12	19B-VIL-HEP-13	19B-VIL-HEP-14	19B-VIL-HEP-15	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	81	79	80	83	75	0.30	N/A	9567001

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7451	WG7452	WG7453	WG7454	WG7455			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-16	19B-VIL-HEP-17	19B-VIL-HEP-18	19B-VIL-HEP-19	19B-VIL-HEP-20	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	82	74	88	88	76	0.30	N/A	9567001

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7456	WG7456	WG7456	WG7457	WG7458			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-21	19B-VIL-HEP-21 Lab-Dup	19B-VIL-HEP-21 Lab-Dup 2	19B-VIL-HEP-22	19B-VIL-HEP-23	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	76	77	75	86	80	0.30	N/A	9567001

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7459	WG7460	WG7461	WG7462	WG7463			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-24	19B-VIL-HEP-25	19B-VIL-HEP-26	19B-VIL-HEP-27	19B-VIL-HEP-28	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	83	83	84	79	89	0.30	N/A	9567001

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7464	WG7465		WG7466	WG7467			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-29	19B-VIL-HEP-30	QC Batch	19B-VIL-HEP-31	19B-VIL-HEP-32	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	80	77	9567001	81	82	0.30	N/A	9567008

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7468	WG7469	WG7470	WG7471	WG7472			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-33	19B-VIL-HEP-34	19B-VIL-HEP-35	19B-VIL-HEP-36	19B-VIL-HEP-37	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	81	84	83	73	77	0.30	N/A	9567008

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7473	WG7474	WG7475	WG7476	WG7477			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-38	19B-VIL-HEP-39	19B-VIL-HEP-40	19B-VIL-HEP-41	19B-VIL-HEP-42	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	88	68	82	63	84	0.30	N/A	9567008

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7478	WG7479	WG7480	WG7481	WG7481			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-HEP-43	19B-VIL-HEP-44	19B-VIL-HEP-45	19B-ARM-HEP-01	19B-ARM-HEP-01 Lab-Dup	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	70	81	83	79	84	0.30	N/A	9567008

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7481	WG7482	WG7483	WG7484			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-01 Lab-Dup 2	19B-ARM-HEP-02	19B-ARM-HEP-03	19B-ARM-HEP-04	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	70	70	85	0.30	N/A	9567008

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7485		WG7486	WG7487	WG7488			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-05	QC Batch	19B-ARM-HEP-06	19B-ARM-HEP-07	19B-ARM-HEP-08	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	74	9567008	71	67	66	0.30	N/A	9567011

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7489	WG7490	WG7491	WG7492			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-09	19B-ARM-HEP-10	19B-ARM-HEP-11	19B-ARM-HEP-12	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	76	74	77	75	0.30	N/A	9567011

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7493	WG7494	WG7495	WG7496			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-13	19B-ARM-HEP-14	19B-ARM-HEP-15	19B-ARM-HEP-16	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	76	82	78	0.30	N/A	9567011

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7497	WG7498	WG7499	WG7500			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-17	19B-ARM-HEP-18	19B-ARM-HEP-19	19B-ARM-HEP-20	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	72	65	73	72	0.30	N/A	9567011

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7500	WG7500	WG7501	WG7502			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-20 Lab-Dup	19B-ARM-HEP-20 Lab-Dup 2	19B-ARM-HEP-21	19B-ARM-HEP-22	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	70	74	74	78	0.30	N/A	9567011

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7503	WG7504	WG7505		WG7506			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN	UNKNOWN		UNKNOWN			
	UNITS	19B-ARM-HEP-23	19B-ARM-HEP-24	19B-ARM-HEP-25	QC Batch	19B-ARM-HEP-26	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	73	77	75	9567011	76	0.30	N/A	9567015

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7507	WG7508	WG7509	WG7510			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-27	19B-ARM-HEP-28	19B-ARM-HEP-29	19B-ARM-HEP-30	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	73	63	69	67	0.30	N/A	9567015

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7511	WG7512	WG7513	WG7514			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-31	19B-ARM-HEP-32	19B-ARM-HEP-33	19B-ARM-HEP-34	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	69	73	74	63	0.30	N/A	9567015

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7515	WG7516	WG7517	WG7518			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-35	19B-ARM-HEP-36	19B-ARM-HEP-37	19B-ARM-HEP-38	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	73	64	68	69	0.30	N/A	9567015

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7519	WG7520	WG7520	WG7520			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-39	19B-ARM-HEP-40	19B-ARM-HEP-40 Lab-Dup	19B-ARM-HEP-40 Lab-Dup 2	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	65	80	80	80	0.30	N/A	9567015

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7521	WG7522	WG7523	WG7524			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-41	19B-ARM-HEP-42	19B-ARM-HEP-43	19B-ARM-HEP-44	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	72	70	63	67	0.30	N/A	9567015

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7525		WG7526	WG7526	WG7526			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-HEP-45	QC Batch	19B-LNG-SOLE-01	19B-LNG-SOLE-01 Lab-Dup	19B-LNG-SOLE-01 Lab-Dup 2	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	74	9567015	81	82	81	0.30	N/A	9566981

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7527	WG7528	WG7529	WG7530			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-02	19B-LNG-SOLE-03	19B-LNG-SOLE-04	19B-LNG-SOLE-05	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	83	82	80	0.30	N/A	9566981

RDL = Reportable Detection Limit
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7531	WG7532	WG7533	WG7534			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-06	19B-LNG-SOLE-07	19B-LNG-SOLE-08	19B-LNG-SOLE-09	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	78	79	83	81	0.30	N/A	9566981

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7535	WG7536	WG7537	WG7538			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-10	19B-LNG-SOLE-11	19B-LNG-SOLE-12	19B-LNG-SOLE-13	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	80	82	80	80	0.30	N/A	9566981

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7539	WG7540		WG7586	WG7586			
Sampling Date									
COC Number		UNKNOWN	UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-LNG-SOLE-14	19B-LNG-SOLE-15	QC Batch	19B-VIL-SOLE-01	19B-VIL-SOLE-01 Lab-Dup	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	81	80	9566981	86	79	0.30	N/A	9567022

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

BV Labs ID		WG7586	WG7589	WG7591	WG7592			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-01 Lab-Dup 2	19B-VIL-SOLE-04	19B-VIL-SOLE-06	19B-VIL-SOLE-07 + 10	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	83	81	80	80	0.30	N/A	9567022

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7593		WG7594	WG7596	WG7597			
Sampling Date									
COC Number		UNKNOWN		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-08	QC Batch	19B-VIL-SOLE-09	19B-VIL-SOLE-11 +14	19B-VIL-SOLE-12	RDL	MDL	QC Batch
Physical Properties									
Moisture	%	82	9567022	81	80	83	0.30	N/A	9567031

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7598	WG7600	WG7602	WG7603			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-13	19B-VIL-SOLE-15 + 16	19B-VIL-SOLE-17	19B-VIL-SOLE-18 + 19	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	85	83	80	0.30	N/A	9567031

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7605	WG7608	WG7612	WG7616			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-VIL-SOLE-20	19B-VIL-SOLE-23	19B-VIL-SOLE-27	19B-ARM-SOLE-01	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	81	79	87	82	0.30	N/A	9567031

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7616	WG7616	WG7617	WG7618			
Sampling Date								
COC Number		UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-01 Lab-Dup	19B-ARM-SOLE-01 Lab-Dup 2	19B-ARM-SOLE-02 +7	19B-ARM-SOLE-03 +15	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	80	79	82	81	0.30	N/A	9567031

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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PHYSICAL TESTING (TISSUE)

BV Labs ID		WG7620	WG7621	WG7623			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-05 +10	19B-ARM-SOLE-06 +14	19B-ARM-SOLE-08 + 09	RDL	MDL	QC Batch
Physical Properties							
Moisture	%	83	83	81	0.30	N/A	9567031

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7626	WG7627	WG7628			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-11+16	19B-ARM-SOLE-12+21	19B-ARM-SOLE-13+23	RDL	MDL	QC Batch
Physical Properties							
Moisture	%	82	81	83	0.30	N/A	9567031

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7632		WG7633	WG7637			
Sampling Date								
COC Number		UNKNOWN		UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-17+25	QC Batch	19B-ARM-SOLE-18	19B-ARM-SOLE-22	RDL	MDL	QC Batch
Physical Properties								
Moisture	%	83	9567031	82	85	0.30	N/A	9567036

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		WG7639	WG7641	WG7645			
Sampling Date							
COC Number		UNKNOWN	UNKNOWN	UNKNOWN			
	UNITS	19B-ARM-SOLE-24	19B-ARM-SOLE-26 +27	19B-ARM-SOLE-30	RDL	MDL	QC Batch
Physical Properties							
Moisture	%	83	81	82	0.30	N/A	9567036

RDL = Reportable Detection Limit
N/A = Not Applicable

GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9566334	Moisture	2019/09/26					2.3	20		
9566911	Moisture	2019/09/27					6.0	20		
9566981	Moisture	2019/09/26					1.3	20		
9566989	Moisture	2019/09/26					0.96	20		
9566998	Moisture	2019/09/26					9.1	20		
9567001	Moisture	2019/09/26					2.1	20		
9567008	Moisture	2019/09/26					5.4	20		
9567011	Moisture	2019/09/26					2.4	20		
9567015	Moisture	2019/09/26					0.13	20		
9567022	Moisture	2019/09/26					8.6	20		
9567031	Moisture	2019/09/26					2.7	20		
9582008	Total (Wet Wt) Aluminum (Al)	2019/09/25	104	80 - 120	<0.50	mg/kg	3.1	40		
9582008	Total (Wet Wt) Antimony (Sb)	2019/09/25	104	80 - 120	<0.0020	mg/kg	1.3	40	127	N/A
9582008	Total (Wet Wt) Arsenic (As)	2019/09/25	101	80 - 120	<0.0050	mg/kg	0.44	40	90	N/A
9582008	Total (Wet Wt) Barium (Ba)	2019/09/25	107	80 - 120	<0.010	mg/kg	17	40		
9582008	Total (Wet Wt) Beryllium (Be)	2019/09/25	98	80 - 120	<0.0020	mg/kg	NC	40		
9582008	Total (Wet Wt) Bismuth (Bi)	2019/09/25	110	80 - 120	<0.0013	mg/kg	0	40		
9582008	Total (Wet Wt) Boron (B)	2019/09/25	95	80 - 120	<0.20	mg/kg	2.2	40		
9582008	Total (Wet Wt) Cadmium (Cd)	2019/09/25	102	80 - 120	<0.0013	mg/kg	2.1	40	90	N/A
9582008	Total (Wet Wt) Calcium (Ca)	2019/09/25	103	80 - 120	<4.0	mg/kg	0.94	60	91	N/A
9582008	Total (Wet Wt) Chromium (Cr)	2019/09/25	107	80 - 120	<0.025	mg/kg	1.5	40		
9582008	Total (Wet Wt) Cobalt (Co)	2019/09/25	108	80 - 120	<0.0013	mg/kg	2.1	40	93	N/A
9582008	Total (Wet Wt) Copper (Cu)	2019/09/25	110	80 - 120	<0.013	mg/kg	2.0	40	98	N/A
9582008	Total (Wet Wt) Iron (Fe)	2019/09/25	109	80 - 120	<0.25	mg/kg	1.0	40	97	N/A
9582008	Total (Wet Wt) Lead (Pb)	2019/09/25	110	80 - 120	<0.0013	mg/kg	17	40	83	N/A
9582008	Total (Wet Wt) Magnesium (Mg)	2019/09/25	107	80 - 120	<0.40	mg/kg	2.0	40		
9582008	Total (Wet Wt) Manganese (Mn)	2019/09/25	107	80 - 120	<0.010	mg/kg	2.8	40	96	N/A
9582008	Total (Wet Wt) Mercury (Hg)	2019/09/25	113	80 - 120	<0.013	mg/kg	1.3	40	83	N/A
9582008	Total (Wet Wt) Molybdenum (Mo)	2019/09/25	108	80 - 120	<0.0080	mg/kg	2.7	40	95	N/A
9582008	Total (Wet Wt) Nickel (Ni)	2019/09/25	110	80 - 120	<0.010	mg/kg	3.7	40		
9582008	Total (Wet Wt) Phosphorus (P)	2019/09/25	101	80 - 120	<2.0	mg/kg	2.3	40	92	N/A
9582008	Total (Wet Wt) Potassium (K)	2019/09/25	103	80 - 120	<2.5	mg/kg	2.6	40	96	N/A
9582008	Total (Wet Wt) Selenium (Se)	2019/09/25	104	80 - 120	<0.010	mg/kg	2.1	40	92	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582008	Total (Wet Wt) Silver (Ag)	2019/09/25	99	80 - 120	<0.0013	mg/kg	0.17	40	88	N/A
9582008	Total (Wet Wt) Sodium (Na)	2019/09/25	111	80 - 120	<2.5	mg/kg	1.8	40	100	N/A
9582008	Total (Wet Wt) Strontium (Sr)	2019/09/25	103	80 - 120	<0.013	mg/kg	0.57	60	90	N/A
9582008	Total (Wet Wt) Thallium (Tl)	2019/09/25	109	80 - 120	<0.00040	mg/kg	5.6	40	98	N/A
9582008	Total (Wet Wt) Tin (Sn)	2019/09/25	103	80 - 120	<0.020	mg/kg	4.0	40	110	N/A
9582008	Total (Wet Wt) Titanium (Ti)	2019/09/25	107	80 - 120	<0.13	mg/kg	11	40		
9582008	Total (Wet Wt) Uranium (U)	2019/09/25	113	80 - 120	<0.00040	mg/kg	0.24	40	98	N/A
9582008	Total (Wet Wt) Vanadium (V)	2019/09/25	106	80 - 120	<0.020	mg/kg	0.80	40	85	N/A
9582008	Total (Wet Wt) Zinc (Zn)	2019/09/25	116	80 - 120	<0.20	mg/kg	2.0	40	96	N/A
9582422	Total (Wet Wt) Aluminum (Al)	2019/09/24	111	80 - 120	<0.50	mg/kg	13	40		
9582422	Total (Wet Wt) Antimony (Sb)	2019/09/24	101	80 - 120	<0.0020	mg/kg	NC	40	101	N/A
9582422	Total (Wet Wt) Arsenic (As)	2019/09/24	100	80 - 120	<0.0050	mg/kg	5.2	40	92	N/A
9582422	Total (Wet Wt) Barium (Ba)	2019/09/24	105	80 - 120	<0.010	mg/kg	0.83	40		
9582422	Total (Wet Wt) Beryllium (Be)	2019/09/24	98	80 - 120	<0.0020	mg/kg	NC	40		
9582422	Total (Wet Wt) Bismuth (Bi)	2019/09/24	105	80 - 120	<0.0013	mg/kg	NC	40		
9582422	Total (Wet Wt) Boron (B)	2019/09/24	101	80 - 120	<0.20	mg/kg	2.3	40		
9582422	Total (Wet Wt) Cadmium (Cd)	2019/09/24	98	80 - 120	<0.0013	mg/kg	7.8	40	90	N/A
9582422	Total (Wet Wt) Calcium (Ca)	2019/09/24	100	80 - 120	<4.0	mg/kg	2.8	60	95	N/A
9582422	Total (Wet Wt) Chromium (Cr)	2019/09/24	101	80 - 120	<0.025	mg/kg	NC	40		
9582422	Total (Wet Wt) Cobalt (Co)	2019/09/24	101	80 - 120	<0.0013	mg/kg	5.2	40	88	N/A
9582422	Total (Wet Wt) Copper (Cu)	2019/09/24	101	80 - 120	<0.013	mg/kg	5.3	40	93	N/A
9582422	Total (Wet Wt) Iron (Fe)	2019/09/24	105	80 - 120	<0.25	mg/kg	8.7	40	95	N/A
9582422	Total (Wet Wt) Lead (Pb)	2019/09/24	105	80 - 120	<0.0013	mg/kg	11	40	89	N/A
9582422	Total (Wet Wt) Magnesium (Mg)	2019/09/24	109	80 - 120	<0.40	mg/kg	10	40		
9582422	Total (Wet Wt) Manganese (Mn)	2019/09/24	103	80 - 120	<0.010	mg/kg	4.8	40	94	N/A
9582422	Total (Wet Wt) Mercury (Hg)	2019/09/24	107	80 - 120	<0.013	mg/kg	1.4	40	84	N/A
9582422	Total (Wet Wt) Molybdenum (Mo)	2019/09/24	102	80 - 120	<0.0080	mg/kg	10	40	91	N/A
9582422	Total (Wet Wt) Nickel (Ni)	2019/09/24	104	80 - 120	<0.010	mg/kg	NC	40		
9582422	Total (Wet Wt) Phosphorus (P)	2019/09/24	102	80 - 120	<2.0	mg/kg	12	40	97	N/A
9582422	Total (Wet Wt) Potassium (K)	2019/09/24	103	80 - 120	<2.5	mg/kg	1.5	40	99	N/A
9582422	Total (Wet Wt) Selenium (Se)	2019/09/24	103	80 - 120	<0.010	mg/kg	2.4	40	94	N/A
9582422	Total (Wet Wt) Silver (Ag)	2019/09/24	97	80 - 120	<0.0013	mg/kg	8.2	40	87	N/A
9582422	Total (Wet Wt) Sodium (Na)	2019/09/24	110	80 - 120	<2.5	mg/kg	2.6	40	107	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582422	Total (Wet Wt) Strontium (Sr)	2019/09/24	98	80 - 120	<0.013	mg/kg	4.1	60	97	N/A
9582422	Total (Wet Wt) Thallium (Tl)	2019/09/24	106	80 - 120	<0.00040	mg/kg	NC	40	92	N/A
9582422	Total (Wet Wt) Tin (Sn)	2019/09/24	100	80 - 120	<0.020	mg/kg	NC	40	80	N/A
9582422	Total (Wet Wt) Titanium (Ti)	2019/09/24	108	80 - 120	<0.13	mg/kg	9.0	40		
9582422	Total (Wet Wt) Uranium (U)	2019/09/24	111	80 - 120	<0.00040	mg/kg	0.86	40	95	N/A
9582422	Total (Wet Wt) Vanadium (V)	2019/09/24	101	80 - 120	<0.020	mg/kg	NC	40	80	N/A
9582422	Total (Wet Wt) Zinc (Zn)	2019/09/24	103	80 - 120	<0.20	mg/kg	4.7	40	92	N/A
9582443	Total (Wet Wt) Aluminum (Al)	2019/09/25	109	80 - 120	<0.50	mg/kg	34	40		
9582443	Total (Wet Wt) Antimony (Sb)	2019/09/25	100	80 - 120	<0.0020	mg/kg	NC	40	103	N/A
9582443	Total (Wet Wt) Arsenic (As)	2019/09/25	101	80 - 120	<0.0050	mg/kg	2.5	40	94	N/A
9582443	Total (Wet Wt) Barium (Ba)	2019/09/25	105	80 - 120	<0.010	mg/kg	6.2	40		
9582443	Total (Wet Wt) Beryllium (Be)	2019/09/25	96	80 - 120	<0.0020	mg/kg	NC	40		
9582443	Total (Wet Wt) Bismuth (Bi)	2019/09/25	103	80 - 120	<0.0013	mg/kg	5.5	40		
9582443	Total (Wet Wt) Boron (B)	2019/09/25	98	80 - 120	<0.20	mg/kg	0.89	40		
9582443	Total (Wet Wt) Cadmium (Cd)	2019/09/25	99	80 - 120	<0.0013	mg/kg	13	40	93	N/A
9582443	Total (Wet Wt) Calcium (Ca)	2019/09/25	101	80 - 120	<4.0	mg/kg	4.1	60	93	N/A
9582443	Total (Wet Wt) Chromium (Cr)	2019/09/25	103	80 - 120	<0.025	mg/kg	NC	40		
9582443	Total (Wet Wt) Cobalt (Co)	2019/09/25	104	80 - 120	<0.0013	mg/kg	1.4	40	94	N/A
9582443	Total (Wet Wt) Copper (Cu)	2019/09/25	103	80 - 120	<0.013	mg/kg	0.40	40	101	N/A
9582443	Total (Wet Wt) Iron (Fe)	2019/09/25	106	80 - 120	<0.25	mg/kg	17	40	99	N/A
9582443	Total (Wet Wt) Lead (Pb)	2019/09/25	104	80 - 120	<0.0013	mg/kg	3.4	40	92	N/A
9582443	Total (Wet Wt) Magnesium (Mg)	2019/09/25	110	80 - 120	<0.40	mg/kg	8.9	40		
9582443	Total (Wet Wt) Manganese (Mn)	2019/09/25	102	80 - 120	<0.010	mg/kg	10	40	98	N/A
9582443	Total (Wet Wt) Mercury (Hg)	2019/09/25	105	80 - 120	<0.013	mg/kg	4.3	40	87	N/A
9582443	Total (Wet Wt) Molybdenum (Mo)	2019/09/25	102	80 - 120	<0.0080	mg/kg	30	40	97	N/A
9582443	Total (Wet Wt) Nickel (Ni)	2019/09/25	104	80 - 120	<0.010	mg/kg	43 (1)	40		
9582443	Total (Wet Wt) Phosphorus (P)	2019/09/25	100	80 - 120	<2.0	mg/kg	5.8	40	97	N/A
9582443	Total (Wet Wt) Potassium (K)	2019/09/25	102	80 - 120	<2.5	mg/kg	3.3	40	102	N/A
9582443	Total (Wet Wt) Selenium (Se)	2019/09/25	105	80 - 120	<0.010	mg/kg	2.8	40	97	N/A
9582443	Total (Wet Wt) Silver (Ag)	2019/09/25	96	80 - 120	<0.0013	mg/kg	2.8	40	89	N/A
9582443	Total (Wet Wt) Sodium (Na)	2019/09/25	112	80 - 120	<2.5	mg/kg	4.2	40	107	N/A
9582443	Total (Wet Wt) Strontium (Sr)	2019/09/25	100	80 - 120	<0.013	mg/kg	8.0	60	94	N/A
9582443	Total (Wet Wt) Thallium (Tl)	2019/09/25	105	80 - 120	<0.00040	mg/kg	NC	40	104	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582443	Total (Wet Wt) Tin (Sn)	2019/09/25	97	80 - 120	<0.020	mg/kg	NC	40	108	N/A
9582443	Total (Wet Wt) Titanium (Ti)	2019/09/25	101	80 - 120	<0.13	mg/kg	1.1	40		
9582443	Total (Wet Wt) Uranium (U)	2019/09/25	108	80 - 120	<0.00040	mg/kg	NC	40	100	N/A
9582443	Total (Wet Wt) Vanadium (V)	2019/09/25	101	80 - 120	<0.020	mg/kg	NC	40	89	N/A
9582443	Total (Wet Wt) Zinc (Zn)	2019/09/25	100	80 - 120	<0.20	mg/kg	2.7	40	100	N/A
9582510	Total (Wet Wt) Aluminum (Al)	2019/09/25	98	80 - 120	<0.50	mg/kg	9.2	40		
9582510	Total (Wet Wt) Antimony (Sb)	2019/09/25	99	80 - 120	<0.0020	mg/kg	NC	40	123	N/A
9582510	Total (Wet Wt) Arsenic (As)	2019/09/25	98	80 - 120	<0.0050	mg/kg	1.5	40	87	N/A
9582510	Total (Wet Wt) Barium (Ba)	2019/09/25	102	80 - 120	<0.010	mg/kg	11	40		
9582510	Total (Wet Wt) Beryllium (Be)	2019/09/25	92	80 - 120	<0.0020	mg/kg	NC	40		
9582510	Total (Wet Wt) Bismuth (Bi)	2019/09/25	107	80 - 120	<0.0013	mg/kg	2.2	40		
9582510	Total (Wet Wt) Boron (B)	2019/09/25	92	80 - 120	<0.20	mg/kg	3.7	40		
9582510	Total (Wet Wt) Cadmium (Cd)	2019/09/25	99	80 - 120	<0.0013	mg/kg	11	40	91	N/A
9582510	Total (Wet Wt) Calcium (Ca)	2019/09/25	99	80 - 120	<4.0	mg/kg	1.1	60	95	N/A
9582510	Total (Wet Wt) Chromium (Cr)	2019/09/25	108	80 - 120	<0.025	mg/kg	14	40		
9582510	Total (Wet Wt) Cobalt (Co)	2019/09/25	110	80 - 120	<0.0013	mg/kg	10	40	100	N/A
9582510	Total (Wet Wt) Copper (Cu)	2019/09/25	110	80 - 120	<0.013	mg/kg	6.8	40	101	N/A
9582510	Total (Wet Wt) Iron (Fe)	2019/09/25	108	80 - 120	<0.25	mg/kg	0.29	40	101	N/A
9582510	Total (Wet Wt) Lead (Pb)	2019/09/25	107	80 - 120	<0.0013	mg/kg	NC	40	91	N/A
9582510	Total (Wet Wt) Magnesium (Mg)	2019/09/25	106	80 - 120	<0.40	mg/kg	5.1	40		
9582510	Total (Wet Wt) Manganese (Mn)	2019/09/25	107	80 - 120	<0.010	mg/kg	11	40	97	N/A
9582510	Total (Wet Wt) Mercury (Hg)	2019/09/25	107	80 - 120	<0.013	mg/kg	0.98	40	86	N/A
9582510	Total (Wet Wt) Molybdenum (Mo)	2019/09/25	100	80 - 120	<0.0080	mg/kg	2.4	40	91	N/A
9582510	Total (Wet Wt) Nickel (Ni)	2019/09/25	111	80 - 120	<0.010	mg/kg	19	40		
9582510	Total (Wet Wt) Phosphorus (P)	2019/09/25	100	80 - 120	<2.0	mg/kg	2.5	40	91	N/A
9582510	Total (Wet Wt) Potassium (K)	2019/09/25	101	80 - 120	<2.5	mg/kg	4.8	40	94	N/A
9582510	Total (Wet Wt) Selenium (Se)	2019/09/25	99	80 - 120	<0.010	mg/kg	2.3	40	91	N/A
9582510	Total (Wet Wt) Silver (Ag)	2019/09/25	97	80 - 120	<0.0013	mg/kg	1.2	40	88	N/A
9582510	Total (Wet Wt) Sodium (Na)	2019/09/25	110	80 - 120	<2.5	mg/kg	0.81	40	101	N/A
9582510	Total (Wet Wt) Strontium (Sr)	2019/09/25	99	80 - 120	<0.013	mg/kg	0.11	60	95	N/A
9582510	Total (Wet Wt) Thallium (Tl)	2019/09/25	107	80 - 120	<0.00040	mg/kg	NC	40	99	N/A
9582510	Total (Wet Wt) Tin (Sn)	2019/09/25	98	80 - 120	<0.020	mg/kg	NC	40	87	N/A
9582510	Total (Wet Wt) Titanium (Ti)	2019/09/25	108	80 - 120	<0.13	mg/kg	7.4	40		

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582510	Total (Wet Wt) Uranium (U)	2019/09/25	110	80 - 120	<0.00040	mg/kg	NC	40	102	N/A
9582510	Total (Wet Wt) Vanadium (V)	2019/09/25	106	80 - 120	<0.020	mg/kg	NC	40	85	N/A
9582510	Total (Wet Wt) Zinc (Zn)	2019/09/25	107	80 - 120	<0.20	mg/kg	3.6	40	108	N/A
9582514	Total (Wet Wt) Aluminum (Al)	2019/09/24	113	80 - 120	<0.50	mg/kg	25	40		
9582514	Total (Wet Wt) Antimony (Sb)	2019/09/24	101	80 - 120	<0.0020	mg/kg	11	40	95	N/A
9582514	Total (Wet Wt) Arsenic (As)	2019/09/24	107	80 - 120	<0.0050	mg/kg	9.7	40	95	N/A
9582514	Total (Wet Wt) Barium (Ba)	2019/09/24	107	80 - 120	<0.010	mg/kg	9.4	40		
9582514	Total (Wet Wt) Beryllium (Be)	2019/09/24	107	80 - 120	<0.0020	mg/kg	NC	40		
9582514	Total (Wet Wt) Bismuth (Bi)	2019/09/24	108	80 - 120	<0.0013	mg/kg	9.4	40		
9582514	Total (Wet Wt) Boron (B)	2019/09/24	109	80 - 120	<0.20	mg/kg	2.8	40		
9582514	Total (Wet Wt) Cadmium (Cd)	2019/09/24	100	80 - 120	<0.0013	mg/kg	10	40	92	N/A
9582514	Total (Wet Wt) Calcium (Ca)	2019/09/24	106	80 - 120	<4.0	mg/kg	10	60	122	N/A
9582514	Total (Wet Wt) Chromium (Cr)	2019/09/24	102	80 - 120	<0.025	mg/kg	NC	40		
9582514	Total (Wet Wt) Cobalt (Co)	2019/09/24	100	80 - 120	<0.0013	mg/kg	15	40	86	N/A
9582514	Total (Wet Wt) Copper (Cu)	2019/09/24	101	80 - 120	<0.013	mg/kg	15	40	90	N/A
9582514	Total (Wet Wt) Iron (Fe)	2019/09/24	106	80 - 120	<0.25	mg/kg	8.5	40	95	N/A
9582514	Total (Wet Wt) Lead (Pb)	2019/09/24	107	80 - 120	<0.0013	mg/kg	12	40	96	N/A
9582514	Total (Wet Wt) Magnesium (Mg)	2019/09/24	115	80 - 120	<0.40	mg/kg	1.9	40		
9582514	Total (Wet Wt) Manganese (Mn)	2019/09/24	102	80 - 120	<0.010	mg/kg	14	40	92	N/A
9582514	Total (Wet Wt) Mercury (Hg)	2019/09/24	108	80 - 120	<0.013	mg/kg	5.2	40	86	N/A
9582514	Total (Wet Wt) Molybdenum (Mo)	2019/09/24	102	80 - 120	<0.0080	mg/kg	8.8	40	94	N/A
9582514	Total (Wet Wt) Nickel (Ni)	2019/09/24	101	80 - 120	<0.010	mg/kg	11	40		
9582514	Total (Wet Wt) Phosphorus (P)	2019/09/24	111	80 - 120	<2.0	mg/kg	5.2	40	104	N/A
9582514	Total (Wet Wt) Potassium (K)	2019/09/24	108	80 - 120	<2.5	mg/kg	9.1	40	103	N/A
9582514	Total (Wet Wt) Selenium (Se)	2019/09/24	106	80 - 120	<0.010	mg/kg	10	40	96	N/A
9582514	Total (Wet Wt) Silver (Ag)	2019/09/24	99	80 - 120	<0.0013	mg/kg	8.2	40	89	N/A
9582514	Total (Wet Wt) Sodium (Na)	2019/09/24	119	80 - 120	<2.5	mg/kg	2.1	40	111	N/A
9582514	Total (Wet Wt) Strontium (Sr)	2019/09/24	110	80 - 120	<0.013	mg/kg	9.7	60	125	N/A
9582514	Total (Wet Wt) Thallium (Tl)	2019/09/24	109	80 - 120	<0.00040	mg/kg	7.2	40	98	N/A
9582514	Total (Wet Wt) Tin (Sn)	2019/09/24	101	80 - 120	<0.020	mg/kg	20	40	80	N/A
9582514	Total (Wet Wt) Titanium (Ti)	2019/09/24	103	80 - 120	<0.13	mg/kg	4.9	40		
9582514	Total (Wet Wt) Uranium (U)	2019/09/24	109	80 - 120	<0.00040	mg/kg	13	40	97	N/A
9582514	Total (Wet Wt) Vanadium (V)	2019/09/24	101	80 - 120	<0.020	mg/kg	19	40	82	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582514	Total (Wet Wt) Zinc (Zn)	2019/09/24	97	80 - 120	<0.20	mg/kg	14	40	90	N/A
9582517	Total (Wet Wt) Aluminum (Al)	2019/09/25	110	80 - 120	<0.50	mg/kg	2.3	40		
9582517	Total (Wet Wt) Antimony (Sb)	2019/09/25	97	80 - 120	<0.0020	mg/kg	7.7	40	86	N/A
9582517	Total (Wet Wt) Arsenic (As)	2019/09/25	99	80 - 120	<0.0050	mg/kg	2.8	40	99	N/A
9582517	Total (Wet Wt) Barium (Ba)	2019/09/25	101	80 - 120	<0.010	mg/kg	0.35	40		
9582517	Total (Wet Wt) Beryllium (Be)	2019/09/25	93	80 - 120	<0.0020	mg/kg	NC	40		
9582517	Total (Wet Wt) Bismuth (Bi)	2019/09/25	101	80 - 120	<0.0013	mg/kg	0	40		
9582517	Total (Wet Wt) Boron (B)	2019/09/25	97	80 - 120	<0.20	mg/kg	2.3	40		
9582517	Total (Wet Wt) Cadmium (Cd)	2019/09/25	96	80 - 120	<0.0013	mg/kg	2.4	40	99	N/A
9582517	Total (Wet Wt) Calcium (Ca)	2019/09/25	101	80 - 120	<4.0	mg/kg	0.50	60	108	N/A
9582517	Total (Wet Wt) Chromium (Cr)	2019/09/25	94	80 - 120	<0.025	mg/kg	4.9	40		
9582517	Total (Wet Wt) Cobalt (Co)	2019/09/25	92	80 - 120	<0.0013	mg/kg	5.5	40	99	N/A
9582517	Total (Wet Wt) Copper (Cu)	2019/09/25	92	80 - 120	<0.013	mg/kg	4.1	40	103	N/A
9582517	Total (Wet Wt) Iron (Fe)	2019/09/25	101	80 - 120	<0.25	mg/kg	3.1	40	108	N/A
9582517	Total (Wet Wt) Lead (Pb)	2019/09/25	101	80 - 120	<0.0013	mg/kg	5.1	40	120	N/A
9582517	Total (Wet Wt) Magnesium (Mg)	2019/09/25	99	80 - 120	<0.40	mg/kg	1.4	40		
9582517	Total (Wet Wt) Manganese (Mn)	2019/09/25	94	80 - 120	<0.010	mg/kg	5.4	40	102	N/A
9582517	Total (Wet Wt) Mercury (Hg)	2019/09/25	103	80 - 120	<0.013	mg/kg	5.8	40	88	N/A
9582517	Total (Wet Wt) Molybdenum (Mo)	2019/09/25	100	80 - 120	<0.0080	mg/kg	4.9	40	98	N/A
9582517	Total (Wet Wt) Nickel (Ni)	2019/09/25	94	80 - 120	<0.010	mg/kg	5.5	40		
9582517	Total (Wet Wt) Phosphorus (P)	2019/09/25	98	80 - 120	<2.0	mg/kg	3.8	40	99	N/A
9582517	Total (Wet Wt) Potassium (K)	2019/09/25	103	80 - 120	<2.5	mg/kg	2.2	40	103	N/A
9582517	Total (Wet Wt) Selenium (Se)	2019/09/25	97	80 - 120	<0.010	mg/kg	3.8	40	97	N/A
9582517	Total (Wet Wt) Silver (Ag)	2019/09/25	97	80 - 120	<0.0013	mg/kg	0.84	40	95	N/A
9582517	Total (Wet Wt) Sodium (Na)	2019/09/25	102	80 - 120	<2.5	mg/kg	5.1	40	106	N/A
9582517	Total (Wet Wt) Strontium (Sr)	2019/09/25	101	80 - 120	<0.013	mg/kg	3.4	60	102	N/A
9582517	Total (Wet Wt) Thallium (Tl)	2019/09/25	100	80 - 120	<0.00040	mg/kg	9.4	40	95	N/A
9582517	Total (Wet Wt) Tin (Sn)	2019/09/25	99	80 - 120	<0.020	mg/kg	NC	40	108	N/A
9582517	Total (Wet Wt) Titanium (Ti)	2019/09/25	96	80 - 120	<0.13	mg/kg	21	40		
9582517	Total (Wet Wt) Uranium (U)	2019/09/25	101	80 - 120	<0.00040	mg/kg	4.6	40	103	N/A
9582517	Total (Wet Wt) Vanadium (V)	2019/09/25	93	80 - 120	<0.020	mg/kg	2.4	40	88	N/A
9582517	Total (Wet Wt) Zinc (Zn)	2019/09/25	111 (2)	80 - 120	<0.20	mg/kg	3.0	40	104	N/A
9582519	Total (Wet Wt) Aluminum (Al)	2019/09/24	103	80 - 120	<0.50	mg/kg	NC	40		

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582519	Total (Wet Wt) Antimony (Sb)	2019/09/24	99	80 - 120	<0.0020	mg/kg	NC	40	82	N/A
9582519	Total (Wet Wt) Arsenic (As)	2019/09/24	98	80 - 120	<0.0050	mg/kg	1.1	40	89	N/A
9582519	Total (Wet Wt) Barium (Ba)	2019/09/24	102	80 - 120	<0.010	mg/kg	NC	40		
9582519	Total (Wet Wt) Beryllium (Be)	2019/09/24	91	80 - 120	<0.0020	mg/kg	NC	40		
9582519	Total (Wet Wt) Bismuth (Bi)	2019/09/24	103	80 - 120	<0.0013	mg/kg	7.6	40		
9582519	Total (Wet Wt) Boron (B)	2019/09/24	93	80 - 120	<0.20	mg/kg	NC	40		
9582519	Total (Wet Wt) Cadmium (Cd)	2019/09/24	98	80 - 120	<0.0013	mg/kg	NC	40	89	N/A
9582519	Total (Wet Wt) Calcium (Ca)	2019/09/24	103	80 - 120	<4.0	mg/kg	57	60	95	N/A
9582519	Total (Wet Wt) Chromium (Cr)	2019/09/24	102	80 - 120	<0.025	mg/kg	6.7	40		
9582519	Total (Wet Wt) Cobalt (Co)	2019/09/24	100	80 - 120	<0.0013	mg/kg	8.3	40	85	N/A
9582519	Total (Wet Wt) Copper (Cu)	2019/09/24	102	80 - 120	<0.013	mg/kg	8.4	40	92	N/A
9582519	Total (Wet Wt) Iron (Fe)	2019/09/24	109	80 - 120	<0.25	mg/kg	10	40	96	N/A
9582519	Total (Wet Wt) Lead (Pb)	2019/09/24	105	80 - 120	<0.0013	mg/kg	NC	40	89	N/A
9582519	Total (Wet Wt) Magnesium (Mg)	2019/09/24	101	80 - 120	<0.40	mg/kg	3.2	40		
9582519	Total (Wet Wt) Manganese (Mn)	2019/09/24	105	80 - 120	<0.010	mg/kg	18	40	92	N/A
9582519	Total (Wet Wt) Mercury (Hg)	2019/09/24	107	80 - 120	<0.013	mg/kg	6.8	40	81	N/A
9582519	Total (Wet Wt) Molybdenum (Mo)	2019/09/24	105	80 - 120	<0.0080	mg/kg	NC	40	95	N/A
9582519	Total (Wet Wt) Nickel (Ni)	2019/09/24	102	80 - 120	<0.010	mg/kg	20	40		
9582519	Total (Wet Wt) Phosphorus (P)	2019/09/24	95	80 - 120	<2.0	mg/kg	3.8	40	90	N/A
9582519	Total (Wet Wt) Potassium (K)	2019/09/24	101	80 - 120	<2.5	mg/kg	1.5	40	98	N/A
9582519	Total (Wet Wt) Selenium (Se)	2019/09/24	95	80 - 120	<0.010	mg/kg	2.1	40	88	N/A
9582519	Total (Wet Wt) Silver (Ag)	2019/09/24	96	80 - 120	<0.0013	mg/kg	NC	40	88	N/A
9582519	Total (Wet Wt) Sodium (Na)	2019/09/24	104	80 - 120	<2.5	mg/kg	0.81	40	100	N/A
9582519	Total (Wet Wt) Strontium (Sr)	2019/09/24	98	80 - 120	<0.013	mg/kg	69 (1)	60	96	N/A
9582519	Total (Wet Wt) Thallium (Tl)	2019/09/24	104	80 - 120	<0.00040	mg/kg	NC	40	99	N/A
9582519	Total (Wet Wt) Tin (Sn)	2019/09/24	103	80 - 120	<0.020	mg/kg	NC	40	128 (3)	N/A
9582519	Total (Wet Wt) Titanium (Ti)	2019/09/24	95	80 - 120	<0.13	mg/kg	0.23	40		
9582519	Total (Wet Wt) Uranium (U)	2019/09/24	108	80 - 120	<0.00040	mg/kg	NC	40	98	N/A
9582519	Total (Wet Wt) Vanadium (V)	2019/09/24	99	80 - 120	<0.020	mg/kg	NC	40	73 (4)	N/A
9582519	Total (Wet Wt) Zinc (Zn)	2019/09/24	99	80 - 120	<0.20	mg/kg	6.0	40	90	N/A
9582522	Total (Wet Wt) Aluminum (Al)	2019/09/25	104	80 - 120	<0.50	mg/kg	NC	40		
9582522	Total (Wet Wt) Antimony (Sb)	2019/09/25	101	80 - 120	<0.0020	mg/kg	NC	40	112	N/A
9582522	Total (Wet Wt) Arsenic (As)	2019/09/25	100	80 - 120	<0.0050	mg/kg	7.1	40	92	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582522	Total (Wet Wt) Barium (Ba)	2019/09/25	104	80 - 120	<0.010	mg/kg	NC	40		
9582522	Total (Wet Wt) Beryllium (Be)	2019/09/25	97	80 - 120	<0.0020	mg/kg	NC	40		
9582522	Total (Wet Wt) Bismuth (Bi)	2019/09/25	105	80 - 120	<0.0013	mg/kg	1.1	40		
9582522	Total (Wet Wt) Boron (B)	2019/09/25	97	80 - 120	<0.20	mg/kg	NC	40		
9582522	Total (Wet Wt) Cadmium (Cd)	2019/09/25	100	80 - 120	<0.0013	mg/kg	NC	40	92	N/A
9582522	Total (Wet Wt) Calcium (Ca)	2019/09/25	101	80 - 120	<4.0	mg/kg	88 (1)	60	95	N/A
9582522	Total (Wet Wt) Chromium (Cr)	2019/09/25	105	80 - 120	<0.025	mg/kg	26	40		
9582522	Total (Wet Wt) Cobalt (Co)	2019/09/25	105	80 - 120	<0.0013	mg/kg	19	40	95	N/A
9582522	Total (Wet Wt) Copper (Cu)	2019/09/25	106	80 - 120	<0.013	mg/kg	5.7	40	100	N/A
9582522	Total (Wet Wt) Iron (Fe)	2019/09/25	110	80 - 120	<0.25	mg/kg	5.9	40	99	N/A
9582522	Total (Wet Wt) Lead (Pb)	2019/09/25	106	80 - 120	<0.0013	mg/kg	NC	40	122	N/A
9582522	Total (Wet Wt) Magnesium (Mg)	2019/09/25	104	80 - 120	<0.40	mg/kg	8.5	40		
9582522	Total (Wet Wt) Manganese (Mn)	2019/09/25	105	80 - 120	<0.010	mg/kg	46 (1)	40	96	N/A
9582522	Total (Wet Wt) Mercury (Hg)	2019/09/25	111	80 - 120	<0.013	mg/kg	6.0	40	88	N/A
9582522	Total (Wet Wt) Molybdenum (Mo)	2019/09/25	104	80 - 120	<0.0080	mg/kg	NC	40	93	N/A
9582522	Total (Wet Wt) Nickel (Ni)	2019/09/25	107	80 - 120	<0.010	mg/kg	5.8	40		
9582522	Total (Wet Wt) Phosphorus (P)	2019/09/25	97	80 - 120	<2.0	mg/kg	10	40	93	N/A
9582522	Total (Wet Wt) Potassium (K)	2019/09/25	101	80 - 120	<2.5	mg/kg	3.8	40	96	N/A
9582522	Total (Wet Wt) Selenium (Se)	2019/09/25	100	80 - 120	<0.010	mg/kg	7.4	40	94	N/A
9582522	Total (Wet Wt) Silver (Ag)	2019/09/25	96	80 - 120	<0.0013	mg/kg	NC	40	90	N/A
9582522	Total (Wet Wt) Sodium (Na)	2019/09/25	107	80 - 120	<2.5	mg/kg	7.8	40	101	N/A
9582522	Total (Wet Wt) Strontium (Sr)	2019/09/25	98	80 - 120	<0.013	mg/kg	99 (1)	60	94	N/A
9582522	Total (Wet Wt) Thallium (Tl)	2019/09/25	106	80 - 120	<0.00040	mg/kg	NC	40	101	N/A
9582522	Total (Wet Wt) Tin (Sn)	2019/09/25	100	80 - 120	<0.020	mg/kg	37	40	62	N/A
9582522	Total (Wet Wt) Titanium (Ti)	2019/09/25	101	80 - 120	<0.13	mg/kg	14	40		
9582522	Total (Wet Wt) Uranium (U)	2019/09/25	110	80 - 120	<0.00040	mg/kg	NC	40	103	N/A
9582522	Total (Wet Wt) Vanadium (V)	2019/09/25	101	80 - 120	<0.020	mg/kg	NC	40	88	N/A
9582522	Total (Wet Wt) Zinc (Zn)	2019/09/25	111	80 - 120	<0.20	mg/kg	8.6	40	97	N/A
9582523	Total (Wet Wt) Aluminum (Al)	2019/09/23	107	80 - 120	<0.50	mg/kg	NC	40		
9582523	Total (Wet Wt) Antimony (Sb)	2019/09/23	103	80 - 120	<0.0020	mg/kg	NC	40	114	N/A
9582523	Total (Wet Wt) Arsenic (As)	2019/09/23	100	80 - 120	<0.0050	mg/kg	0.45	40	90	N/A
9582523	Total (Wet Wt) Barium (Ba)	2019/09/23	103	80 - 120	<0.010	mg/kg	35	40		
9582523	Total (Wet Wt) Beryllium (Be)	2019/09/23	100	80 - 120	<0.0020	mg/kg	NC	40		

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QUALITY ASSURANCE REPORT(CONT'D)

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582523	Total (Wet Wt) Bismuth (Bi)	2019/09/23	106	80 - 120	<0.0013	mg/kg	3.2	40		
9582523	Total (Wet Wt) Boron (B)	2019/09/23	100	80 - 120	<0.20	mg/kg	NC	40		
9582523	Total (Wet Wt) Cadmium (Cd)	2019/09/23	99	80 - 120	<0.0013	mg/kg	NC	40	91	N/A
9582523	Total (Wet Wt) Calcium (Ca)	2019/09/23	104	80 - 120	<4.0 (5)	mg/kg	41	60	97	N/A
9582523	Total (Wet Wt) Chromium (Cr)	2019/09/23	100	80 - 120	<0.025	mg/kg	NC	40		
9582523	Total (Wet Wt) Cobalt (Co)	2019/09/23	98	80 - 120	<0.0013	mg/kg	19	40	91	N/A
9582523	Total (Wet Wt) Copper (Cu)	2019/09/23	99	80 - 120	<0.013	mg/kg	12	40	92	N/A
9582523	Total (Wet Wt) Iron (Fe)	2019/09/23	107	80 - 120	<0.25	mg/kg	3.1	40	96	N/A
9582523	Total (Wet Wt) Lead (Pb)	2019/09/23	105	80 - 120	<0.0013	mg/kg	20	40	93	N/A
9582523	Total (Wet Wt) Magnesium (Mg)	2019/09/23	102	80 - 120	<0.40 (6)	mg/kg	0.20	40		
9582523	Total (Wet Wt) Manganese (Mn)	2019/09/23	102	80 - 120	<0.010	mg/kg	6.8	40	96	N/A
9582523	Total (Wet Wt) Mercury (Hg)	2019/09/23	106	80 - 120	<0.013	mg/kg	0.90	40	84	N/A
9582523	Total (Wet Wt) Molybdenum (Mo)	2019/09/23	102	80 - 120	<0.0080	mg/kg	NC	40	94	N/A
9582523	Total (Wet Wt) Nickel (Ni)	2019/09/23	101	80 - 120	<0.010	mg/kg	NC	40		
9582523	Total (Wet Wt) Phosphorus (P)	2019/09/23	99	80 - 120	<2.0	mg/kg	1.2	40	94	N/A
9582523	Total (Wet Wt) Potassium (K)	2019/09/23	103	80 - 120	<2.5	mg/kg	0.61	40	102	N/A
9582523	Total (Wet Wt) Selenium (Se)	2019/09/23	98	80 - 120	<0.010	mg/kg	1.6	40	88	N/A
9582523	Total (Wet Wt) Silver (Ag)	2019/09/23	98	80 - 120	<0.0013	mg/kg	NC	40	90	N/A
9582523	Total (Wet Wt) Sodium (Na)	2019/09/23	103	80 - 120	<2.5	mg/kg	0.42	40	102	N/A
9582523	Total (Wet Wt) Strontium (Sr)	2019/09/23	106	80 - 120	<0.013	mg/kg	49	60	99	N/A
9582523	Total (Wet Wt) Thallium (Tl)	2019/09/23	103	80 - 120	<0.00040	mg/kg	NC	40	100	N/A
9582523	Total (Wet Wt) Tin (Sn)	2019/09/23	102	80 - 120	<0.020	mg/kg	20	40	92	N/A
9582523	Total (Wet Wt) Titanium (Ti)	2019/09/23	107	80 - 120	<0.13	mg/kg	1.1	40		
9582523	Total (Wet Wt) Uranium (U)	2019/09/23	106	80 - 120	<0.00040	mg/kg	NC	40	98	N/A
9582523	Total (Wet Wt) Vanadium (V)	2019/09/23	99	80 - 120	<0.020	mg/kg	NC	40	82	N/A

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			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9582523	Total (Wet Wt) Zinc (Zn)	2019/09/23	104	80 - 120	<0.20	mg/kg	1.3	40	90	N/A

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) Blank Spike for Zn outside acceptance criteria (10% of analytes failure allowed).

(3) Reference Material for Sn exceeds acceptance criteria. 10% of analytes failure in multi-element scan is allowed.

(4) Reference Material for V exceeds acceptance criteria. 10% of analytes failure in multi-element scan is allowed.

(5) Method Blank exceeds acceptance limits for Ca. Sample values for Ca are >10x the concentration of the method blank and the contamination is considered irrelevant.

(6) Method Blank exceeds acceptance limits for Mg. Sample values for Mg are >10x the concentration of the method blank and the contamination is considered irrelevant.

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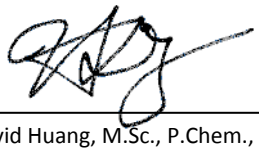
VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports.
For Service Group specific validation please refer to the Validation Signature Page.

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your Project #: VANENV job# B965964

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2020/01/18
Report #: R6041968
Version: 8 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9N9814
Received: 2019/09/05, 09:15

Sample Matrix: Tissue
Samples Received: 225

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
2378TCDF Confirmation (M8290A/M1613)	5	2019/09/13	2019/10/04	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	7	2019/09/25	2019/10/31	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	9	2019/10/11	2019/11/05	BRL SOP-00406	EPA M8290A / M1613
Dioxins/Furans in Tissue (1613B) (1)	2	2019/09/13	2019/10/03	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	13	2019/09/13	2019/10/04	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2019/09/26	2019/10/06	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	4	2019/09/26	2019/10/24	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	9	2019/09/26	2019/10/25	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/10/21	2019/11/02	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	10	2019/10/21	2019/11/03	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/11/13	2019/11/18	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	9	2019/11/13	2019/11/19	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2019/11/13	2019/11/21	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/11/13	2019/11/22	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/11/16	2019/11/25	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	9	2019/11/16	2019/11/26	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/11/16	2019/11/27	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2019/11/17	2019/11/22	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	14	2019/11/17	2019/11/23	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/11/20	2019/11/27	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	10	2019/11/20	2019/11/28	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2019/11/20	2019/11/29	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2019/11/30	2019/12/12	BRL SOP-00410	EPA 1613B m
Percent Lipid Content (2)	15	2019/09/09	2019/09/09	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/09/14	2019/09/14	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/09/18	2019/09/18	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/09/23	2019/09/23	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/09/30	2019/09/30	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/10/06	2019/10/06	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/10/18	2019/10/18	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	15	2019/10/19	2019/10/19	BRL SOP-00223	EPA 8290A, EPA 1668B

Your Project #: VANENV job# B965964

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2020/01/18
Report #: R6041968
Version: 8 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9N9814
Received: 2019/09/05, 09:15

Sample Matrix: Tissue
Samples Received: 225

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
Percent Lipid Content (2)	15	2019/10/24	2019/10/24	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	1	2019/10/30	2019/11/03	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	19	2019/11/01	2019/11/01	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	19	2019/11/03	2019/11/03	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	30	2019/11/05	2019/11/05	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	20	2019/11/08	2019/11/08	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (2)	1	2019/11/16	2019/11/16	BRL SOP-00223	EPA 8290A, EPA 1668B
PAHs in Tissue (CARB429mod)	15	2019/09/10	2019/10/02	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/10/02	2019/10/11	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/10/02	2019/10/12	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2019/10/02	2019/10/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	10	2019/10/13	2019/10/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	5	2019/10/13	2019/11/01	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2019/11/07	2019/11/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	12	2019/11/07	2019/11/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/11/07	2019/12/01	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2019/11/09	2020/01/12	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	13	2019/11/09	2020/01/13	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2019/11/09	2020/01/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/11/09	2020/01/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	10	2019/11/10	2020/01/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/12/14	2019/12/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2019/12/14	2020/01/01	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	16	2019/12/19	2020/01/03	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	4	2019/12/19	2020/01/04	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	1	2020/01/03	2020/01/17	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2020/01/04	2020/01/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	7	2020/01/04	2020/01/17	BRL SOP-00423	CARB429 m
PCB Congeners in Tissue (1668A) (3)	3	2019/09/07	2019/09/16	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Your Project #: VANENV job# B965964

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2020/01/18
Report #: R6041968
Version: 8 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9N9814
Received: 2019/09/05, 09:15

Sample Matrix: Tissue
Samples Received: 225

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
PCB Congeners in Tissue (1668A) (3)	4	2019/09/07	2019/09/17	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/09/07	2019/09/20	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/09/21	2019/09/30	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	11	2019/09/21	2019/10/01	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/09/21	2019/10/02	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/10/09	2019/10/15	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	5	2019/10/16	2019/10/29	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/10/16	2019/11/01	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	5	2019/10/16	2019/11/02	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/10/16	2019/11/05	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	8	2019/10/30	2019/11/07	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	10	2019/10/30	2019/11/28	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/10/30	2019/11/29	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	6	2019/11/01	2019/11/29	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	4	2019/11/01	2019/11/30	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	10	2019/11/01	2019/12/07	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Your Project #: VANENV job# B965964

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2020/01/18
Report #: R6041968
Version: 8 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9N9814
Received: 2019/09/05, 09:15

Sample Matrix: Tissue
Samples Received: 225

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
PCB Congeners in Tissue (1668A) (3)	10	2019/11/02	2019/11/29	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	14	2019/11/03	2019/12/09	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	6	2019/11/03	2019/12/10	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	18	2019/11/05	2019/12/08	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/11/12	2019/12/13	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	1	2019/11/12	2019/12/22	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (3)	2	2019/12/12	2019/12/22	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Your Project #: VANENV job# B965964

Attention: Nahed Amer

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4606 Canada Way
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CANADA V5G 1K5

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BV LABS JOB #: B9N9814
Received: 2019/09/05, 09:15

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Analysis was conducted according to Bureau Veritas Laboratories' method BRL SOP-00410 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.
(2) Sample(s) analyzed using methodologies that have not been subjected to Bureau Veritas Laboratories' standard validation process for the submitted matrix and is not an Accredited method. Analysis performed with client consent, however results should be viewed with discretion
(3) Analysis was conducted according to Bureau Veritas Laboratories methods BRL SOP-00408 and BRL SOP-00409 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Augustyna Dobosz, Project Manager
Email: Augustyna.Dobosz@bvlabs.com
Phone# (905)817-5798

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BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF403			KQF432			KQF439			
Sampling Date											
	UNITS	19B-LNG-CRAB-01	EDL	RDL	19B-LNG-CRAB-02	EDL	RDL	19B-LNG-CRAB-03	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.20	N/A	N/A	0.40	N/A	N/A	0.50	N/A	N/A	6421202
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.112	0.047	1.0	0.181	0.086	0.99	0.121	0.045	1.0	6444496
Naphthalene	ng/g	1.45	0.077	0.50	1.27	0.066	0.50	1.25	0.073	0.50	6444496
Acenaphthylene	ng/g	0.196	0.068	0.50	0.056	0.032	0.50	0.101	0.050	0.50	6444496
Acenaphthene	ng/g	1.58	0.10	0.50	0.281	0.062	0.50	0.469	0.073	0.50	6444496
Fluorene	ng/g	0.349	0.071	0.50	0.199	0.060	0.50	0.208	0.077	0.50	6444496
Phenanthrene	ng/g	0.472	0.083	0.50	0.401	0.054	0.50	0.373	0.067	0.50	6444496
Anthracene	ng/g	<0.077	0.077	0.50	<0.050	0.050	0.50	<0.062	0.062	0.50	6444496
Fluoranthene	ng/g	0.178	0.030	0.50	0.190	0.046	0.50	0.170	0.037	0.50	6444496
Pyrene	ng/g	0.195	0.029	0.50	0.205	0.043	0.50	0.164	0.035	0.50	6444496
Benzo(a)anthracene	ng/g	0.081	0.055	0.50	0.044	0.043	0.50	0.106	0.030	0.50	6444496
Chrysene	ng/g	<0.056	0.056	0.50	0.119	0.044	0.50	0.055	0.026	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.039	0.039	0.50	<0.070	0.070	0.50	<0.037	0.037	0.50	6444496
Benzo(a)pyrene	ng/g	<0.064	0.064	0.50	<0.10	0.10	0.50	<0.057	0.057	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.039	0.039	0.50	<0.084	0.084	0.50	<0.062	0.062	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.11	0.11	0.50	<0.14	0.14	0.50	<0.13	0.13	0.50	6444496
Benzo(g,h,i)perylene	ng/g	0.051	0.034	0.50	<0.067	0.067	0.50	<0.047	0.047	0.50	6444496
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	84	N/A	N/A	112	N/A	N/A	86	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	89	N/A	N/A	103	N/A	N/A	78	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	94	N/A	N/A	94	N/A	N/A	85	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	77	N/A	N/A	76	N/A	N/A	66	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	99	N/A	N/A	102	N/A	N/A	89	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	113	N/A	N/A	107	N/A	N/A	104	N/A	N/A	6444496
Chrysene-2H12	%	88	N/A	N/A	101	N/A	N/A	90	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	76	N/A	N/A	71	N/A	N/A	61	N/A	N/A	6444496
Fluoranthene-2H10	%	110	N/A	N/A	104	N/A	N/A	106	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	78	N/A	N/A	83	N/A	N/A	73	N/A	N/A	6444496
Naphthalene-2H8	%	85 (1)	N/A	N/A	110 (1)	N/A	N/A	108 (1)	N/A	N/A	6444496
Perylene-2H12	%	90	N/A	N/A	95	N/A	N/A	84	N/A	N/A	6444496
Phenanthrene-2H10	%	87	N/A	N/A	89	N/A	N/A	92	N/A	N/A	6444496

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF445			KQF483			KQF484			
Sampling Date											
	UNITS	19B-LNG-CRAB-04	EDL	RDL	19B-LNG-CRAB-05	EDL	RDL	19B-LNG-CRAB-06	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.40	N/A	N/A	0.60	N/A	N/A	0.70	N/A	N/A	6421202
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.104	0.091	1.0	0.553	0.094	0.99	0.259	0.050	1.0	6444496
Naphthalene	ng/g	1.89	0.076	0.50	1.91	0.044	0.50	1.73	0.039	0.50	6444496
Acenaphthylene	ng/g	0.300	0.055	0.50	0.138	0.039	0.50	0.124	0.072	0.50	6444496
Acenaphthene	ng/g	3.19	0.066	0.50	1.32	0.050	0.50	0.992	0.097	0.50	6444496
Fluorene	ng/g	1.59	0.089	0.50	0.815	0.055	0.50	0.742	0.062	0.50	6444496
Phenanthrene	ng/g	0.967	0.069	0.50	0.947	0.072	0.50	1.70	0.088	0.50	6444496
Anthracene	ng/g	0.135	0.064	0.50	0.225	0.067	0.50	0.318	0.081	0.50	6444496
Fluoranthene	ng/g	0.376	0.027	0.50	0.648	0.029	0.50	0.58	0.12	0.50	6444496
Pyrene	ng/g	0.337	0.026	0.50	0.700	0.027	0.50	0.76	0.11	0.50	6444496
Benzo(a)anthracene	ng/g	0.115	0.058	0.50	0.125	0.082	0.50	0.267	0.065	0.50	6444496
Chrysene	ng/g	0.090	0.050	0.50	0.167	0.075	0.50	0.166	0.057	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.067	0.067	0.50	0.084	0.069	0.50	0.040	0.035	0.50	6444496
Benzo(a)pyrene	ng/g	<0.094	0.094	0.50	0.12	0.11	0.50	0.069	0.053	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.089	0.089	0.50	<0.090	0.090	0.50	<0.11	0.11	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.19	0.19	0.50	<0.20	0.20	0.50	<0.19	0.19	0.50	6444496
Benzo(g,h,i)perylene	ng/g	<0.058	0.058	0.50	0.137	0.058	0.50	0.192	0.074	0.50	6444496
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	110	N/A	N/A	112	N/A	N/A	90	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	68	N/A	N/A	83	N/A	N/A	73	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	102	N/A	N/A	91	N/A	N/A	103	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	57	N/A	N/A	62	N/A	N/A	68	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	85	N/A	N/A	76	N/A	N/A	96	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	123	N/A	N/A	117	N/A	N/A	122	N/A	N/A	6444496
Chrysene-2H12	%	87	N/A	N/A	90	N/A	N/A	88	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	53	N/A	N/A	50	N/A	N/A	57	N/A	N/A	6444496
Fluoranthene-2H10	%	105	N/A	N/A	109	N/A	N/A	103	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	53	N/A	N/A	61	N/A	N/A	71	N/A	N/A	6444496
Naphthalene-2H8	%	112 (1)	N/A	N/A	116 (1)	N/A	N/A	101 (1)	N/A	N/A	6444496
Perylene-2H12	%	94	N/A	N/A	84	N/A	N/A	103	N/A	N/A	6444496
Phenanthrene-2H10	%	96	N/A	N/A	94	N/A	N/A	90	N/A	N/A	6444496

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF520			KQF543			KQF545			
Sampling Date											
	UNITS	19B-LNG-CRAB-07	EDL	RDL	19B-LNG-CRAB-08	EDL	RDL	19B-LNG-CRAB-09	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.10	N/A	N/A	0.60	N/A	N/A	0.40	N/A	N/A	6421202
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.098	0.057	1.0	<0.088	0.088	0.99	0.153	0.039	1.0	6444496
Naphthalene	ng/g	1.43	0.11	0.50	2.41	0.056	0.50	3.19	0.078	0.50	6444496
Acenaphthylene	ng/g	0.076	0.050	0.50	0.228	0.052	0.50	0.159	0.030	0.50	6444496
Acenaphthene	ng/g	0.537	0.098	0.50	3.92	0.077	0.50	1.09	0.072	0.50	6444496
Fluorene	ng/g	0.331	0.073	0.50	1.63	0.072	0.50	0.788	0.061	0.50	6444496
Phenanthrene	ng/g	0.477	0.091	0.50	1.16	0.084	0.50	1.16	0.077	0.50	6444496
Anthracene	ng/g	<0.085	0.085	0.50	0.194	0.078	0.50	0.129	0.072	0.50	6444496
Fluoranthene	ng/g	0.220	0.077	0.50	0.225	0.041	0.50	0.280	0.064	0.50	6444496
Pyrene	ng/g	0.220	0.073	0.50	0.255	0.039	0.50	0.292	0.060	0.50	6444496
Benzo(a)anthracene	ng/g	<0.076	0.076	0.50	0.104	0.057	0.50	0.091	0.043	0.50	6444496
Chrysene	ng/g	<0.084	0.084	0.50	0.086	0.048	0.50	0.097	0.041	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.049	0.049	0.50	<0.068	0.068	0.50	<0.030	0.030	0.50	6444496
Benzo(a)pyrene	ng/g	<0.081	0.081	0.50	<0.10	0.10	0.50	<0.058	0.058	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.13	0.13	0.50	<0.10	0.10	0.50	<0.068	0.068	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.18	0.18	0.50	<0.20	0.20	0.50	<0.15	0.15	0.50	6444496
Benzo(g,h,i)perylene	ng/g	<0.093	0.093	0.50	<0.064	0.064	0.50	<0.052	0.052	0.50	6444496
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	83	N/A	N/A	84	N/A	N/A	100	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	84	N/A	N/A	63	N/A	N/A	82	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	87	N/A	N/A	96	N/A	N/A	83	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	67	N/A	N/A	67	N/A	N/A	73	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	81	N/A	N/A	90	N/A	N/A	87	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	114	N/A	N/A	109	N/A	N/A	110	N/A	N/A	6444496
Chrysene-2H12	%	86	N/A	N/A	87	N/A	N/A	89	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	51	N/A	N/A	49	N/A	N/A	63	N/A	N/A	6444496
Fluoranthene-2H10	%	92	N/A	N/A	98	N/A	N/A	99	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	59	N/A	N/A	51	N/A	N/A	76	N/A	N/A	6444496
Naphthalene-2H8	%	100 (1)	N/A	N/A	103 (1)	N/A	N/A	102 (1)	N/A	N/A	6444496
Perylene-2H12	%	90	N/A	N/A	85	N/A	N/A	86	N/A	N/A	6444496
Phenanthrene-2H10	%	84	N/A	N/A	80	N/A	N/A	84	N/A	N/A	6444496

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF548		KQF549		KQF560			
Sampling Date									
	UNITS	19B-LNG-CRAB-10	EDL	19B-LNG-CRAB-11	EDL	19B-LNG-CRAB-12	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.60	N/A	0.20	N/A	0.20	N/A	N/A	6421202
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.119	0.067	0.099	0.064	0.215	0.064	1.0	6444496
Naphthalene	ng/g	1.46	0.056	1.18	0.054	2.09	0.074	0.50	6444496
Acenaphthylene	ng/g	0.110	0.065	0.094	0.032	0.121	0.050	0.50	6444496
Acenaphthene	ng/g	0.554	0.068	0.305	0.054	0.360	0.070	0.50	6444496
Fluorene	ng/g	0.259	0.062	0.220	0.068	0.305	0.070	0.50	6444496
Phenanthrene	ng/g	0.365	0.062	0.438	0.075	0.562	0.097	0.50	6444496
Anthracene	ng/g	<0.058	0.058	<0.070	0.070	<0.090	0.090	0.50	6444496
Fluoranthene	ng/g	0.161	0.042	0.160	0.033	0.173	0.049	0.50	6444496
Pyrene	ng/g	0.179	0.040	0.163	0.031	0.174	0.047	0.50	6444496
Benzo(a)anthracene	ng/g	<0.043	0.043	0.068	0.041	0.086	0.041	0.50	6444496
Chrysene	ng/g	<0.046	0.046	<0.037	0.037	0.071	0.040	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.054	0.054	<0.050	0.050	<0.045	0.045	0.50	6444496
Benzo(a)pyrene	ng/g	<0.084	0.084	<0.075	0.075	<0.078	0.078	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.051	0.051	<0.086	0.086	<0.12	0.12	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.13	0.13	<0.14	0.14	<0.13	0.13	0.50	6444496
Benzo(g,h,i)perylene	ng/g	0.038	0.035	<0.063	0.063	<0.081	0.081	0.50	6444496
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	85	N/A	100	N/A	111	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	95	N/A	80	N/A	86	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	87	N/A	100	N/A	93	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	68	N/A	75	N/A	68	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	88	N/A	78	N/A	89	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	112	N/A	119	N/A	117	N/A	N/A	6444496
Chrysene-2H12	%	94	N/A	97	N/A	85	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	65	N/A	62	N/A	69	N/A	N/A	6444496
Fluoranthene-2H10	%	99	N/A	101	N/A	103	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	72	N/A	68	N/A	75	N/A	N/A	6444496
Naphthalene-2H8	%	106 (1)	N/A	120 (1)	N/A	119 (1)	N/A	N/A	6444496
Perylene-2H12	%	90	N/A	90	N/A	94	N/A	N/A	6444496
Phenanthrene-2H10	%	84	N/A	88	N/A	89	N/A	N/A	6444496

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF570		KQF573			KQF573			
Sampling Date										
	UNITS	19B-LNG-CRAB-13	EDL	19B-LNG-CRAB-14	EDL	RDL	19B-LNG-CRAB-14 Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.30	N/A	0.10	N/A	N/A	N/A	N/A	N/A	6421202
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.182	0.089	<0.18	0.18	0.99	<0.31	0.31	5.0	6444496
Naphthalene	ng/g	1.49	0.096	1.40	0.081	0.50	2.04	0.16	0.50	6444496
Acenaphthylene	ng/g	0.877	0.077	0.193	0.041	0.50	0.27	0.10	0.50	6444496
Acenaphthene	ng/g	8.43	0.11	1.37	0.10	0.50	1.28	0.11	0.50	6444496
Fluorene	ng/g	0.57	0.11	1.91	0.12	0.50	1.82	0.13	0.50	6444496
Phenanthrene	ng/g	0.64	0.11	1.14	0.093	0.50	1.26	0.14	0.50	6444496
Anthracene	ng/g	0.346	0.097	0.365	0.086	0.50	0.55	0.15	0.50	6444496
Fluoranthene	ng/g	0.522	0.065	0.242	0.073	0.50	0.27	0.11	0.50	6444496
Pyrene	ng/g	0.415	0.062	0.258	0.069	0.50	0.30	0.11	0.50	6444496
Benzo(a)anthracene	ng/g	0.173	0.079	0.122	0.084	0.50	0.18	0.16	0.50	6444496
Chrysene	ng/g	<0.075	0.075	<0.075	0.075	0.50	<0.14	0.14	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.076	0.076	<0.15	0.15	0.50	<0.24	0.24	0.50	6444496
Benzo(a)pyrene	ng/g	<0.12	0.12	<0.21	0.21	0.50	<0.37	0.37	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.099	0.099	<0.17	0.17	0.50	<0.48	0.48	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.20	0.20	<0.20	0.20	0.50	<0.66	0.66	0.50	6444496
Benzo(g,h,i)perylene	ng/g	<0.065	0.065	<0.12	0.12	0.50	<0.31	0.31	0.50	6444496
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	101	N/A	109	N/A	N/A	98	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	81	N/A	68	N/A	N/A	64	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	95	N/A	93	N/A	N/A	97	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	68	N/A	62	N/A	N/A	70	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	89	N/A	80	N/A	N/A	79	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	114	N/A	112	N/A	N/A	101	N/A	N/A	6444496
Chrysene-2H12	%	93	N/A	88	N/A	N/A	76	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	52	N/A	53	N/A	N/A	64	N/A	N/A	6444496
Fluoranthene-2H10	%	98	N/A	103	N/A	N/A	90	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	55	N/A	55	N/A	N/A	59	N/A	N/A	6444496
Naphthalene-2H8	%	107 (1)	N/A	121 (1)	N/A	N/A	92 (1)	N/A	N/A	6444496
Perylene-2H12	%	97	N/A	88	N/A	N/A	81	N/A	N/A	6444496
Phenanthrene-2H10	%	83	N/A	86	N/A	N/A	77	N/A	N/A	6444496

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF581		KQF588		KQF591			
Sampling Date									
	UNITS	19B-LNG-CRAB-15	EDL	19B-VIL-CRAB21	EDL	19B-VIL-CRAB-27	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.10	N/A	0.70	N/A	0.20	N/A	N/A	6421202
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.25	0.25	0.23	0.19	<0.19	0.19	5.0	6444496
Naphthalene	ng/g	2.92	0.17	1.48	0.15	2.02	0.16	0.50	6444496
Acenaphthylene	ng/g	0.283	0.087	0.094	0.066	<0.14	0.14	0.50	6444496
Acenaphthene	ng/g	2.09	0.12	0.228	0.088	0.49	0.21	0.50	6444496
Fluorene	ng/g	1.11	0.11	0.13	0.12	0.64	0.13	0.50	6444496
Phenanthrene	ng/g	0.74	0.10	0.33	0.11	0.61	0.17	0.50	6444496
Anthracene	ng/g	<0.11	0.11	<0.12	0.12	<0.18	0.18	0.50	6444496
Fluoranthene	ng/g	0.263	0.082	0.192	0.075	0.17	0.15	0.50	6444496
Pyrene	ng/g	0.193	0.079	0.224	0.072	0.19	0.14	0.50	6444496
Benzo(a)anthracene	ng/g	<0.11	0.11	<0.13	0.13	<0.13	0.13	0.50	6444496
Chrysene	ng/g	<0.097	0.097	<0.12	0.12	<0.12	0.12	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.20	0.20	<0.15	0.15	<0.14	0.14	0.50	6444496
Benzo(a)pyrene	ng/g	<0.39	0.39	<0.24	0.24	<0.26	0.26	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.35	0.35	<0.30	0.30	<0.25	0.25	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.40	0.40	<0.29	0.29	<0.29	0.29	0.50	6444496
Benzo(g,h,i)perylene	ng/g	<0.25	0.25	<0.20	0.20	<0.13	0.13	0.50	6444496
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	92	N/A	94	N/A	78	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	76	N/A	79	N/A	83	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	71	N/A	91	N/A	94	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	69	N/A	59	N/A	66	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	90	N/A	83	N/A	69	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	98	N/A	99	N/A	100	N/A	N/A	6444496
Chrysene-2H12	%	83	N/A	99	N/A	96	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	67	N/A	47	N/A	47	N/A	N/A	6444496
Fluoranthene-2H10	%	107	N/A	106	N/A	105	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	66	N/A	52	N/A	53	N/A	N/A	6444496
Naphthalene-2H8	%	85 (1)	N/A	91 (1)	N/A	84 (1)	N/A	N/A	6444496
Perylene-2H12	%	97	N/A	80	N/A	79	N/A	N/A	6444496
Phenanthrene-2H10	%	83	N/A	86	N/A	81	N/A	N/A	6444496

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF594			KQF597			KQF601			
Sampling Date											
	UNITS	19B-VIL-CRAB-28	EDL	QC Batch	19B-VIL-CRAB-51	EDL	QC Batch	19B-VIL-CRAB-40	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.50	N/A	6421202	0.60	N/A	6446700	0.60	N/A	N/A	6421202
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.32	0.32	6444496	<0.27	0.27	6444496	<0.38	0.38	5.0	6444496
Naphthalene	ng/g	2.72	0.18	6444496	1.54	0.16	6444496	1.56	0.15	0.50	6444496
Acenaphthylene	ng/g	0.14	0.10	6444496	0.107	0.096	6444496	<0.15	0.15	0.50	6444496
Acenaphthene	ng/g	0.21	0.13	6444496	0.29	0.14	6444496	<0.25	0.25	0.50	6444496
Fluorene	ng/g	0.35	0.12	6444496	0.22	0.14	6444496	0.17	0.14	0.50	6444496
Phenanthrene	ng/g	0.51	0.16	6444496	0.38	0.21	6444496	0.41	0.18	0.50	6444496
Anthracene	ng/g	<0.18	0.18	6444496	<0.23	0.23	6444496	<0.20	0.20	0.50	6444496
Fluoranthene	ng/g	<0.22	0.22	6444496	<0.19	0.19	6444496	0.14	0.12	0.50	6444496
Pyrene	ng/g	<0.21	0.21	6444496	<0.18	0.18	6444496	0.17	0.11	0.50	6444496
Benzo(a)anthracene	ng/g	<0.27	0.27	6444496	<0.26	0.26	6444496	<0.26	0.26	0.50	6444496
Chrysene	ng/g	<0.19	0.19	6444496	<0.18	0.18	6444496	<0.15	0.15	0.50	6444496
Benzo(k)fluoranthene	ng/g	<0.26	0.26	6444496	<0.23	0.23	6444496	<0.28	0.28	0.50	6444496
Benzo(a)pyrene	ng/g	<0.38	0.38	6444496	<0.32	0.32	6444496	<0.38	0.38	0.50	6444496
Indeno(1,2,3-cd)pyrene	ng/g	<0.53	0.53	6444496	<0.46	0.46	6444496	<0.64	0.64	0.50	6444496
Dibenzo(a,h)anthracene	ng/g	<0.62	0.62	6444496	<0.45	0.45	6444496	<0.48	0.48	0.50	6444496
Benzo(g,h,i)perylene	ng/g	<0.46	0.46	6444496	<0.32	0.32	6444496	<0.41	0.41	0.50	6444496
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	88	N/A	6444496	98	N/A	6444496	92	N/A	N/A	6444496
Benz(a)anthracene-2H12	%	57	N/A	6444496	59	N/A	6444496	38	N/A	N/A	6444496
Benzo(a)pyrene-2H12	%	85	N/A	6444496	103	N/A	6444496	135	N/A	N/A	6444496
Benzo(b)fluoranthene-2H12	%	51	N/A	6444496	73	N/A	6444496	51	N/A	N/A	6444496
Benzo(g,h,i)perylene-2H12	%	90	N/A	6444496	95	N/A	6444496	107	N/A	N/A	6444496
Benzo(k)fluoranthene-2H12	%	90	N/A	6444496	81	N/A	6444496	104	N/A	N/A	6444496
Chrysene-2H12	%	95	N/A	6444496	98	N/A	6444496	78	N/A	N/A	6444496
Dibenzo(a,h)anthracene-2H14	%	46	N/A	6444496	52	N/A	6444496	46	N/A	N/A	6444496
Fluoranthene-2H10	%	107	N/A	6444496	103	N/A	6444496	93	N/A	N/A	6444496
Indeno(1,2,3-c,d)pyrene-2H12	%	41	N/A	6444496	59	N/A	6444496	59	N/A	N/A	6444496
Naphthalene-2H8	%	85 (1)	N/A	6444496	97 (1)	N/A	6444496	102 (1)	N/A	N/A	6444496
Perylene-2H12	%	70	N/A	6444496	70	N/A	6444496	145	N/A	N/A	6444496
Phenanthrene-2H10	%	91	N/A	6444496	94	N/A	6444496	75	N/A	N/A	6444496

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF605			KQF609			KQF611			
Sampling Date											
	UNITS	19B-VIL-CRAB-41	EDL	RDL	19B-VIL-CRAB-42	EDL	RDL	19B-VIL-CRAB-43	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.70	N/A	N/A	0.50	N/A	N/A	0.60	N/A	N/A	6422129
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.060	0.018	0.99	0.049	0.023	1.0	0.060	0.024	0.99	6511431
Naphthalene	ng/g	2.41	0.11	0.50	2.26	0.10	0.50	2.77	0.11	0.50	6511431
Acenaphthylene	ng/g	0.104	0.033	0.50	0.065	0.030	0.50	0.086	0.049	0.50	6511431
Acenaphthene	ng/g	0.300	0.071	0.50	0.221	0.052	0.50	0.305	0.080	0.50	6511431
Fluorene	ng/g	0.246	0.052	0.50	0.252	0.037	0.50	0.308	0.065	0.50	6511431
Phenanthrene	ng/g	0.469	0.038	0.50	0.444	0.044	0.50	0.531	0.061	0.50	6511431
Anthracene	ng/g	0.084	0.043	0.50	0.074	0.050	0.50	0.103	0.070	0.50	6511431
Fluoranthene	ng/g	0.164	0.031	0.50	0.130	0.035	0.50	0.134	0.028	0.50	6511431
Pyrene	ng/g	0.135	0.030	0.50	0.133	0.033	0.50	0.155	0.027	0.50	6511431
Benzo(a)anthracene	ng/g	0.043	0.024	0.50	0.040	0.027	0.50	0.041	0.031	0.50	6511431
Chrysene	ng/g	0.042	0.024	0.50	0.036	0.030	0.50	0.052	0.032	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.021	0.021	0.50	<0.028	0.028	0.50	<0.025	0.025	0.50	6511431
Benzo(a)pyrene	ng/g	0.041	0.027	0.50	<0.030	0.030	0.50	0.044	0.034	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	0.033	0.027	0.50	<0.029	0.029	0.50	<0.023	0.023	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.034	0.034	0.50	<0.034	0.034	0.50	<0.048	0.048	0.50	6511431
Benzo(g,h,i)perylene	ng/g	0.035	0.021	0.50	0.025	0.022	0.50	0.028	0.019	0.50	6511431
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	96	N/A	N/A	77	N/A	N/A	72	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	103	N/A	N/A	98	N/A	N/A	104	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	92	N/A	N/A	94	N/A	N/A	87	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	99	N/A	N/A	92	N/A	N/A	93	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	111	N/A	N/A	104	N/A	N/A	98	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	97	N/A	N/A	79	N/A	N/A	88	N/A	N/A	6511431
Chrysene-2H12	%	91	N/A	N/A	84	N/A	N/A	90	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	93	N/A	N/A	76	N/A	N/A	87	N/A	N/A	6511431
Fluoranthene-2H10	%	91	N/A	N/A	86	N/A	N/A	85	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	94	N/A	N/A	92	N/A	N/A	91	N/A	N/A	6511431
Naphthalene-2H8	%	107 (1)	N/A	N/A	83 (1)	N/A	N/A	91 (1)	N/A	N/A	6511431
Perylene-2H12	%	106	N/A	N/A	98	N/A	N/A	87	N/A	N/A	6511431
Phenanthrene-2H10	%	83	N/A	N/A	74	N/A	N/A	71	N/A	N/A	6511431

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF619		KQF620		KQF621			
Sampling Date									
	UNITS	19B-VIL-CRAB-44	EDL	19B-VIL-CRAB-45	EDL	19B-VIL-CRAB-46	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.50	N/A	0.60	N/A	0.60	N/A	N/A	6422129
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.061	0.027	<0.042	0.042	0.079	0.019	0.99	6511431
Naphthalene	ng/g	3.25	0.11	2.39	0.089	2.86	0.081	0.50	6511431
Acenaphthylene	ng/g	0.108	0.039	0.098	0.056	0.114	0.039	0.50	6511431
Acenaphthene	ng/g	0.301	0.094	0.199	0.082	0.328	0.074	0.50	6511431
Fluorene	ng/g	0.297	0.034	0.247	0.042	0.349	0.037	0.50	6511431
Phenanthrene	ng/g	0.503	0.053	0.432	0.047	0.534	0.056	0.50	6511431
Anthracene	ng/g	0.082	0.060	0.088	0.053	0.112	0.063	0.50	6511431
Fluoranthene	ng/g	0.134	0.027	0.111	0.035	0.179	0.040	0.50	6511431
Pyrene	ng/g	0.156	0.026	0.133	0.034	0.155	0.038	0.50	6511431
Benzo(a)anthracene	ng/g	0.052	0.028	0.049	0.026	0.071	0.024	0.50	6511431
Chrysene	ng/g	0.049	0.026	0.037	0.027	0.038	0.026	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.031	0.031	<0.049	0.049	0.025	0.020	0.50	6511431
Benzo(a)pyrene	ng/g	<0.039	0.039	<0.061	0.061	0.055	0.023	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	<0.023	0.023	<0.028	0.028	<0.058	0.058	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.048	0.048	<0.032	0.032	<0.062	0.062	0.50	6511431
Benzo(g,h,i)perylene	ng/g	0.026	0.016	0.026	0.020	<0.039	0.039	0.50	6511431
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	82	N/A	75	N/A	73	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	100	N/A	103	N/A	95	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	96	N/A	85	N/A	98	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	91	N/A	83	N/A	90	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	128	N/A	108	N/A	106	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	95	N/A	79	N/A	88	N/A	N/A	6511431
Chrysene-2H12	%	92	N/A	94	N/A	85	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	97	N/A	83	N/A	85	N/A	N/A	6511431
Fluoranthene-2H10	%	89	N/A	86	N/A	94	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	103	N/A	85	N/A	79	N/A	N/A	6511431
Naphthalene-2H8	%	79 (1)	N/A	110 (1)	N/A	84 (1)	N/A	N/A	6511431
Perylene-2H12	%	96	N/A	86	N/A	86	N/A	N/A	6511431
Phenanthrene-2H10	%	79	N/A	73	N/A	75	N/A	N/A	6511431

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF637		KQF639			KQF646			
Sampling Date										
	UNITS	19B-VIL-CRAB-47	EDL	19B-VIL-CRAB-48	EDL	RDL	19B-VIL-CRAB-49	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.50	N/A	0.50	N/A	N/A	0.30	N/A	N/A	6422129
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.045	0.037	0.052	0.023	0.99	0.051	0.017	1.0	6511431
Naphthalene	ng/g	2.67	0.087	1.39	0.073	0.50	1.95	0.080	0.50	6511431
Acenaphthylene	ng/g	0.081	0.052	0.080	0.042	0.50	0.139	0.064	0.50	6511431
Acenaphthene	ng/g	0.200	0.058	0.303	0.056	0.50	0.207	0.063	0.50	6511431
Fluorene	ng/g	0.366	0.052	0.313	0.042	0.50	0.242	0.034	0.50	6511431
Phenanthrene	ng/g	0.524	0.029	0.437	0.055	0.50	0.436	0.054	0.50	6511431
Anthracene	ng/g	0.077	0.033	0.069	0.063	0.50	0.100	0.061	0.50	6511431
Fluoranthene	ng/g	0.125	0.021	0.178	0.032	0.50	0.117	0.020	0.50	6511431
Pyrene	ng/g	0.133	0.021	0.157	0.031	0.50	0.136	0.020	0.50	6511431
Benzo(a)anthracene	ng/g	0.039	0.020	0.045	0.029	0.50	0.038	0.023	0.50	6511431
Chrysene	ng/g	0.024	0.019	0.043	0.027	0.50	0.030	0.024	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.037	0.037	0.044	0.028	0.50	<0.022	0.022	0.50	6511431
Benzo(a)pyrene	ng/g	<0.046	0.046	0.037	0.031	0.50	0.036	0.026	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	<0.039	0.039	<0.030	0.030	0.50	<0.017	0.017	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.042	0.042	<0.031	0.031	0.50	<0.050	0.050	0.50	6511431
Benzo(g,h,i)perylene	ng/g	<0.032	0.032	0.027	0.018	0.50	0.021	0.013	0.50	6511431
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	90	N/A	94	N/A	N/A	48	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	114	N/A	103	N/A	N/A	101	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	97	N/A	92	N/A	N/A	93	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	81	N/A	80	N/A	N/A	84	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	94	N/A	124	N/A	N/A	94	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	84	N/A	79	N/A	N/A	84	N/A	N/A	6511431
Chrysene-2H12	%	102	N/A	94	N/A	N/A	87	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	79	N/A	85	N/A	N/A	84	N/A	N/A	6511431
Fluoranthene-2H10	%	97	N/A	97	N/A	N/A	97	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	84	N/A	96	N/A	N/A	85	N/A	N/A	6511431
Naphthalene-2H8	%	94 (1)	N/A	117 (1)	N/A	N/A	81 (1)	N/A	N/A	6511431
Perylene-2H12	%	105	N/A	87	N/A	N/A	90	N/A	N/A	6511431
Phenanthrene-2H10	%	73	N/A	76	N/A	N/A	72	N/A	N/A	6511431

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF652		KQF658			KQF659			
Sampling Date										
	UNITS	19B-VIL-CRAB-50	EDL	19B-ARM-CRAB-01	EDL	RDL	19B-ARM-CRAB-02	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.20	N/A	0.40	N/A	N/A	0.60	N/A	N/A	6422129
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.042	0.031	<0.046	0.046	0.99	0.046	0.032	1.0	6511431
Naphthalene	ng/g	2.06	0.096	1.97	0.092	0.50	1.69	0.077	0.50	6511431
Acenaphthylene	ng/g	0.098	0.036	0.072	0.039	0.50	0.052	0.025	0.50	6511431
Acenaphthene	ng/g	0.220	0.074	0.097	0.046	0.50	0.086	0.041	0.50	6511431
Fluorene	ng/g	0.242	0.031	0.183	0.040	0.50	0.195	0.031	0.50	6511431
Phenanthrene	ng/g	0.465	0.045	0.350	0.037	0.50	0.358	0.039	0.50	6511431
Anthracene	ng/g	0.087	0.052	0.072	0.042	0.50	<0.045	0.045	0.50	6511431
Fluoranthene	ng/g	0.121	0.012	0.100	0.025	0.50	0.091	0.050	0.50	6511431
Pyrene	ng/g	0.116	0.011	0.116	0.025	0.50	0.102	0.049	0.50	6511431
Benzo(a)anthracene	ng/g	0.042	0.017	0.031	0.027	0.50	0.034	0.022	0.50	6511431
Chrysene	ng/g	0.043	0.018	0.039	0.027	0.50	0.042	0.021	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.034	0.034	<0.048	0.048	0.50	<0.036	0.036	0.50	6511431
Benzo(a)pyrene	ng/g	<0.050	0.050	<0.051	0.051	0.50	<0.043	0.043	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	<0.034	0.034	<0.023	0.023	0.50	<0.025	0.025	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.032	0.032	<0.044	0.044	0.50	<0.023	0.023	0.50	6511431
Benzo(g,h,i)perylene	ng/g	<0.024	0.024	0.028	0.016	0.50	0.021	0.019	0.50	6511431
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	78	N/A	85	N/A	N/A	87	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	117	N/A	100	N/A	N/A	100	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	81	N/A	99	N/A	N/A	101	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	95	N/A	81	N/A	N/A	93	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	98	N/A	103	N/A	N/A	104	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	88	N/A	84	N/A	N/A	93	N/A	N/A	6511431
Chrysene-2H12	%	100	N/A	90	N/A	N/A	91	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	78	N/A	82	N/A	N/A	86	N/A	N/A	6511431
Fluoranthene-2H10	%	92	N/A	91	N/A	N/A	90	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	82	N/A	81	N/A	N/A	84	N/A	N/A	6511431
Naphthalene-2H8	%	86 (1)	N/A	89 (1)	N/A	N/A	96 (1)	N/A	N/A	6511431
Perylene-2H12	%	90	N/A	98	N/A	N/A	98	N/A	N/A	6511431
Phenanthrene-2H10	%	69	N/A	70	N/A	N/A	81	N/A	N/A	6511431

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF660			KQF660			KQF679			
Sampling Date											
	UNITS	19B-ARM-CRAB-03	EDL	RDL	19B-ARM-CRAB-03 Lab-Dup	EDL	RDL	19B-ARM-CRAB-04	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.90	N/A	N/A	N/A	N/A	N/A	0.50	N/A	N/A	6422129
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.042	0.022	0.99	0.038	0.031	1.0	<0.028	0.028	0.99	6511431
Naphthalene	ng/g	2.01	0.13	0.50	2.06	0.064	0.50	1.55	0.067	0.50	6511431
Acenaphthylene	ng/g	0.071	0.052	0.50	0.069	0.060	0.50	0.059	0.036	0.50	6511431
Acenaphthene	ng/g	0.082	0.067	0.50	0.108	0.045	0.50	0.071	0.044	0.50	6511431
Fluorene	ng/g	0.170	0.044	0.50	0.161	0.033	0.50	0.176	0.032	0.50	6511431
Phenanthrene	ng/g	0.346	0.045	0.50	0.344	0.032	0.50	0.346	0.044	0.50	6511431
Anthracene	ng/g	<0.051	0.051	0.50	0.054	0.036	0.50	<0.050	0.050	0.50	6511431
Fluoranthene	ng/g	0.083	0.030	0.50	0.098	0.019	0.50	0.076	0.033	0.50	6511431
Pyrene	ng/g	0.079	0.029	0.50	0.103	0.018	0.50	0.088	0.032	0.50	6511431
Benzo(a)anthracene	ng/g	0.026	0.025	0.50	0.031	0.021	0.50	<0.023	0.023	0.50	6511431
Chrysene	ng/g	0.032	0.026	0.50	0.043	0.022	0.50	0.042	0.023	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.025	0.025	0.50	<0.034	0.034	0.50	<0.031	0.031	0.50	6511431
Benzo(a)pyrene	ng/g	0.040	0.033	0.50	<0.041	0.041	0.50	<0.044	0.044	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	<0.049	0.049	0.50	<0.040	0.040	0.50	<0.025	0.025	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.031	0.031	0.50	<0.078	0.078	0.50	<0.056	0.056	0.50	6511431
Benzo(g,h,i)perylene	ng/g	<0.036	0.036	0.50	<0.030	0.030	0.50	<0.018	0.018	0.50	6511431
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	110	N/A	N/A	67	N/A	N/A	67	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	126	N/A	N/A	93	N/A	N/A	102	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	102	N/A	N/A	97	N/A	N/A	90	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	97	N/A	N/A	89	N/A	N/A	89	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	102	N/A	N/A	101	N/A	N/A	97	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	103	N/A	N/A	88	N/A	N/A	94	N/A	N/A	6511431
Chrysene-2H12	%	112	N/A	N/A	76	N/A	N/A	89	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	82	N/A	N/A	79	N/A	N/A	80	N/A	N/A	6511431
Fluoranthene-2H10	%	102	N/A	N/A	90	N/A	N/A	91	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	85	N/A	N/A	78	N/A	N/A	81	N/A	N/A	6511431
Naphthalene-2H8	%	97 (1)	N/A	N/A	81 (1)	N/A	N/A	66 (1)	N/A	N/A	6511431
Perylene-2H12	%	108	N/A	N/A	96	N/A	N/A	96	N/A	N/A	6511431
Phenanthrene-2H10	%	107	N/A	N/A	81	N/A	N/A	74	N/A	N/A	6511431

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF698			KQF706		KQF710			
Sampling Date										
	UNITS	19B-ARM-CRAB-05	EDL	RDL	19B-ARM-CRAB-06	EDL	19B-ARM-CRAB-07	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.50	N/A	N/A	0.60	N/A	0.40	N/A	N/A	6422129
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.142	0.030	0.99	0.039	0.014	<0.031	0.031	1.0	6511431
Naphthalene	ng/g	1.79	0.13	0.50	1.64	0.080	1.58	0.039	0.50	6511431
Acenaphthylene	ng/g	0.064	0.039	0.50	0.043	0.020	0.053	0.020	0.50	6511431
Acenaphthene	ng/g	0.075	0.057	0.50	0.073	0.023	0.061	0.019	0.50	6511431
Fluorene	ng/g	0.217	0.034	0.50	0.186	0.045	0.134	0.020	0.50	6511431
Phenanthrene	ng/g	0.389	0.032	0.50	0.337	0.028	0.286	0.022	0.50	6511431
Anthracene	ng/g	<0.036	0.036	0.50	0.049	0.031	0.037	0.024	0.50	6511431
Fluoranthene	ng/g	0.252	0.015	0.50	0.092	0.031	0.074	0.017	0.50	6511431
Pyrene	ng/g	0.200	0.014	0.50	0.099	0.029	0.079	0.016	0.50	6511431
Benzo(a)anthracene	ng/g	0.082	0.027	0.50	0.031	0.015	0.032	0.014	0.50	6511431
Chrysene	ng/g	0.085	0.027	0.50	0.031	0.015	0.033	0.015	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.036	0.036	0.50	<0.014	0.014	<0.031	0.031	0.50	6511431
Benzo(a)pyrene	ng/g	0.087	0.045	0.50	0.029	0.020	<0.042	0.042	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	0.063	0.039	0.50	<0.022	0.022	<0.017	0.017	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.046	0.046	0.50	<0.024	0.024	<0.020	0.020	0.50	6511431
Benzo(g,h,i)perylene	ng/g	0.066	0.026	0.50	<0.018	0.018	0.022	0.014	0.50	6511431
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	68	N/A	N/A	78	N/A	73	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	105	N/A	N/A	94	N/A	87	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	100	N/A	N/A	97	N/A	96	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	91	N/A	N/A	97	N/A	90	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	93	N/A	N/A	88	N/A	93	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	99	N/A	N/A	100	N/A	95	N/A	N/A	6511431
Chrysene-2H12	%	94	N/A	N/A	84	N/A	81	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	77	N/A	N/A	77	N/A	79	N/A	N/A	6511431
Fluoranthene-2H10	%	99	N/A	N/A	87	N/A	97	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	80	N/A	N/A	79	N/A	86	N/A	N/A	6511431
Naphthalene-2H8	%	82 (1)	N/A	N/A	84 (1)	N/A	83 (1)	N/A	N/A	6511431
Perylene-2H12	%	96	N/A	N/A	92	N/A	94	N/A	N/A	6511431
Phenanthrene-2H10	%	78	N/A	N/A	90	N/A	91	N/A	N/A	6511431

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF730		KQF731		KQF732			
Sampling Date									
	UNITS	19B-ARM-CRAB-08	EDL	19B-ARM-CRAB-09	EDL	19B-ARM-CRAB-10	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.50	N/A	0.60	N/A	0.70	N/A	N/A	6422129
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.037	0.023	<0.022	0.022	0.150	0.039	1.0	6511431
Naphthalene	ng/g	1.95	0.031	1.85	0.058	1.71	0.030	0.50	6511431
Acenaphthylene	ng/g	0.050	0.014	0.052	0.016	0.067	0.022	0.50	6511431
Acenaphthene	ng/g	0.074	0.034	0.129	0.032	0.103	0.030	0.50	6511431
Fluorene	ng/g	0.207	0.023	0.244	0.042	0.183	0.039	0.50	6511431
Phenanthrene	ng/g	0.314	0.032	0.337	0.048	0.489	0.062	0.50	6511431
Anthracene	ng/g	0.075	0.035	<0.052	0.052	<0.068	0.068	0.50	6511431
Fluoranthene	ng/g	0.076	0.020	0.084	0.030	0.269	0.047	0.50	6511431
Pyrene	ng/g	0.094	0.019	0.100	0.028	0.234	0.044	0.50	6511431
Benzo(a)anthracene	ng/g	<0.017	0.017	0.033	0.019	0.067	0.023	0.50	6511431
Chrysene	ng/g	0.032	0.018	0.026	0.020	0.105	0.027	0.50	6511431
Benzo(k)fluoranthene	ng/g	<0.023	0.023	<0.026	0.026	<0.040	0.040	0.50	6511431
Benzo(a)pyrene	ng/g	<0.029	0.029	<0.031	0.031	0.071	0.054	0.50	6511431
Indeno(1,2,3-cd)pyrene	ng/g	<0.028	0.028	<0.035	0.035	0.040	0.038	0.50	6511431
Dibenzo(a,h)anthracene	ng/g	<0.018	0.018	<0.033	0.033	<0.039	0.039	0.50	6511431
Benzo(g,h,i)perylene	ng/g	<0.022	0.022	<0.027	0.027	0.057	0.033	0.50	6511431
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	89	N/A	81	N/A	75	N/A	N/A	6511431
Benz(a)anthracene-2H12	%	91	N/A	88	N/A	92	N/A	N/A	6511431
Benzo(a)pyrene-2H12	%	92	N/A	100	N/A	90	N/A	N/A	6511431
Benzo(b)fluoranthene-2H12	%	85	N/A	92	N/A	95	N/A	N/A	6511431
Benzo(g,h,i)perylene-2H12	%	85	N/A	99	N/A	79	N/A	N/A	6511431
Benzo(k)fluoranthene-2H12	%	89	N/A	97	N/A	93	N/A	N/A	6511431
Chrysene-2H12	%	84	N/A	77	N/A	74	N/A	N/A	6511431
Dibenzo(a,h)anthracene-2H14	%	74	N/A	80	N/A	74	N/A	N/A	6511431
Fluoranthene-2H10	%	95	N/A	94	N/A	91	N/A	N/A	6511431
Indeno(1,2,3-c,d)pyrene-2H12	%	81	N/A	92	N/A	80	N/A	N/A	6511431
Naphthalene-2H8	%	85 (1)	N/A	95 (1)	N/A	88 (1)	N/A	N/A	6511431
Perylene-2H12	%	96	N/A	98	N/A	92	N/A	N/A	6511431
Phenanthrene-2H10	%	89	N/A	90	N/A	87	N/A	N/A	6511431

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF737				KQF764			
Sampling Date									
	UNITS	19B-ARM-CRAB-11	EDL	RDL	QC Batch	19B-ARM-CRAB-12	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.50	N/A	N/A	6426168	0.60	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.037	0.017	0.98	6523817	<0.59	0.59	0.99	6507189
Naphthalene	ng/g	1.66	0.047	0.49	6523817	<2.5	2.5	0.50	6507189
Acenaphthylene	ng/g	0.065	0.012	0.49	6523817	<1.2	1.2	0.50	6507189
Acenaphthene	ng/g	0.060	0.010	0.49	6523817	<1.0	1.0	0.50	6507189
Fluorene	ng/g	0.210	0.021	0.49	6523817	1.03	0.55	0.50	6507189
Phenanthrene	ng/g	0.332	0.012	0.49	6523817	1.19	0.50	0.50	6507189
Anthracene	ng/g	0.057	0.013	0.49	6523817	<0.59	0.59	0.50	6507189
Fluoranthene	ng/g	0.087	0.019	0.49	6523817	<0.53	0.53	0.50	6507189
Pyrene	ng/g	0.074	0.017	0.49	6523817	0.54	0.52	0.50	6507189
Benzo(a)anthracene	ng/g	0.051	0.018	0.49	6523817	<0.38	0.38	0.50	6507189
Chrysene	ng/g	0.055	0.019	0.49	6523817	<0.42	0.42	0.50	6507189
Benzo(k)fluoranthene	ng/g	<0.017	0.017	0.49	6523817	<0.54	0.54	0.50	6507189
Benzo(a)pyrene	ng/g	<0.024	0.024	0.49	6523817	<0.79	0.79	0.50	6507189
Indeno(1,2,3-cd)pyrene	ng/g	<0.033	0.033	0.49	6523817	<0.63	0.63	0.50	6507189
Dibenzo(a,h)anthracene	ng/g	<0.057	0.057	0.49	6523817	<0.90	0.90	0.50	6507189
Benzo(g,h,i)perylene	ng/g	<0.027	0.027	0.49	6523817	<0.50	0.50	0.50	6507189
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	90	N/A	N/A	6523817	17 (1)	N/A	N/A	6507189
Benz(a)anthracene-2H12	%	85	N/A	N/A	6523817	22	N/A	N/A	6507189
Benzo(a)pyrene-2H12	%	100	N/A	N/A	6523817	22	N/A	N/A	6507189
Benzo(b)fluoranthene-2H12	%	94	N/A	N/A	6523817	22 (1)	N/A	N/A	6507189
Benzo(g,h,i)perylene-2H12	%	86	N/A	N/A	6523817	22	N/A	N/A	6507189
Benzo(k)fluoranthene-2H12	%	96	N/A	N/A	6523817	23	N/A	N/A	6507189
Chrysene-2H12	%	76	N/A	N/A	6523817	21	N/A	N/A	6507189
Dibenzo(a,h)anthracene-2H14	%	71	N/A	N/A	6523817	17	N/A	N/A	6507189
Fluoranthene-2H10	%	108	N/A	N/A	6523817	23	N/A	N/A	6507189
Indeno(1,2,3-c,d)pyrene-2H12	%	78	N/A	N/A	6523817	17	N/A	N/A	6507189
Naphthalene-2H8	%	97 (2)	N/A	N/A	6523817	19 (2)	N/A	N/A	6507189
Perylene-2H12	%	111	N/A	N/A	6523817	21	N/A	N/A	6507189

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery below method acceptance criteria.
Minimal impact on data. No Native present.
(2) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF737				KQF764			
Sampling Date									
	UNITS	19B-ARM-CRAB-11	EDL	RDL	QC Batch	19B-ARM-CRAB-12	EDL	RDL	QC Batch
Phenanthrene-2H10	%	100	N/A	N/A	6523817	19 (1)	N/A	N/A	6507189

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery below method acceptance criteria.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF771		KQF776			KQF777			
Sampling Date										
	UNITS	19B-ARM-CRAB-13	EDL	19B-ARM-CRAB-14	EDL	RDL	19B-ARM-CRAB-15	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.60	N/A	0.70	N/A	N/A	0.60	N/A	N/A	6426168
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.130	0.012	<0.038	0.038	1.0	0.052	0.018	0.99	6523817
Naphthalene	ng/g	1.73	0.044	1.84	0.062	0.50	1.87	0.054	0.50	6523817
Acenaphthylene	ng/g	0.060	0.016	0.047	0.017	0.50	0.062	0.018	0.50	6523817
Acenaphthene	ng/g	0.079	0.014	0.128	0.020	0.50	0.100	0.020	0.50	6523817
Fluorene	ng/g	0.213	0.017	0.243	0.019	0.50	0.265	0.022	0.50	6523817
Phenanthrene	ng/g	0.386	0.018	0.401	0.013	0.50	0.372	0.025	0.50	6523817
Anthracene	ng/g	0.060	0.020	0.071	0.014	0.50	0.044	0.027	0.50	6523817
Fluoranthene	ng/g	0.206	0.0087	0.088	0.015	0.50	0.081	0.013	0.50	6523817
Pyrene	ng/g	0.181	0.0081	0.094	0.014	0.50	0.100	0.012	0.50	6523817
Benzo(a)anthracene	ng/g	0.0604	0.0082	0.0394	0.0077	0.50	0.049	0.013	0.50	6523817
Chrysene	ng/g	0.0908	0.0089	0.0548	0.0079	0.50	0.039	0.013	0.50	6523817
Benzo(k)fluoranthene	ng/g	0.059	0.012	<0.040	0.040	0.50	<0.018	0.018	0.50	6523817
Benzo(a)pyrene	ng/g	0.064	0.016	<0.053	0.053	0.50	<0.025	0.025	0.50	6523817
Indeno(1,2,3-cd)pyrene	ng/g	0.038	0.021	<0.043	0.043	0.50	<0.036	0.036	0.50	6523817
Dibenzo(a,h)anthracene	ng/g	<0.052	0.052	<0.055	0.055	0.50	<0.032	0.032	0.50	6523817
Benzo(g,h,i)perylene	ng/g	0.072	0.017	<0.031	0.031	0.50	<0.027	0.027	0.50	6523817
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	86	N/A	67	N/A	N/A	84	N/A	N/A	6523817
Benz(a)anthracene-2H12	%	91	N/A	71	N/A	N/A	80	N/A	N/A	6523817
Benzo(a)pyrene-2H12	%	96	N/A	89	N/A	N/A	104	N/A	N/A	6523817
Benzo(b)fluoranthene-2H12	%	95	N/A	82	N/A	N/A	97	N/A	N/A	6523817
Benzo(g,h,i)perylene-2H12	%	89	N/A	72	N/A	N/A	87	N/A	N/A	6523817
Benzo(k)fluoranthene-2H12	%	101	N/A	88	N/A	N/A	114	N/A	N/A	6523817
Chrysene-2H12	%	84	N/A	62	N/A	N/A	77	N/A	N/A	6523817
Dibenzo(a,h)anthracene-2H14	%	59	N/A	51	N/A	N/A	65	N/A	N/A	6523817
Fluoranthene-2H10	%	103	N/A	88	N/A	N/A	100	N/A	N/A	6523817
Indeno(1,2,3-c,d)pyrene-2H12	%	82	N/A	59	N/A	N/A	80	N/A	N/A	6523817
Naphthalene-2H8	%	99 (1)	N/A	75 (1)	N/A	N/A	98 (1)	N/A	N/A	6523817
Perylene-2H12	%	95	N/A	87	N/A	N/A	110	N/A	N/A	6523817
Phenanthrene-2H10	%	102	N/A	83	N/A	N/A	91	N/A	N/A	6523817

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF777				KQF778		KQF780			
Sampling Date											
	UNITS	19B-ARM-CRAB-15 Lab-Dup	EDL	RDL	QC Batch	19B-LNG-HEP-01	EDL	19B-LNG-HEP-02	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	N/A	N/A	N/A	6426168	1.3	N/A	6.7	N/A	N/A	6333016
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.057	0.022	0.99	6523817	0.23	0.10	<0.10	0.10	1.0	6343502
Naphthalene	ng/g	3.05	0.045	0.50	6523817	1.54	0.10	6.96	0.21	0.50	6343502
Acenaphthylene	ng/g	0.062	0.014	0.50	6523817	0.484	0.086	0.79	0.13	0.50	6343502
Acenaphthene	ng/g	0.117	0.026	0.50	6523817	5.68	0.065	7.73	0.22	0.50	6343502
Fluorene	ng/g	0.383	0.023	0.50	6523817	0.941	0.060	2.13	0.062	0.50	6343502
Phenanthrene	ng/g	0.491	0.010	0.50	6523817	1.47	0.089	2.22	0.18	0.50	6343502
Anthracene	ng/g	0.101	0.011	0.50	6523817	0.365	0.068	0.84	0.14	0.50	6343502
Fluoranthene	ng/g	0.0728	0.0082	0.50	6523817	0.654	0.044	0.98	0.11	0.50	6343502
Pyrene	ng/g	0.138	0.0076	0.50	6523817	0.319	0.042	0.68	0.11	0.50	6343502
Benzo(a)anthracene	ng/g	0.0562	0.0067	0.50	6523817	0.440	0.066	0.251	0.096	0.50	6343502
Chrysene	ng/g	0.0250	0.0077	0.50	6523817	0.322	0.066	0.139	0.098	0.50	6343502
Benzo(k)fluoranthene	ng/g	<0.022	0.022	0.50	6523817	<0.082	0.082	<0.090	0.090	0.50	6343502
Benzo(a)pyrene	ng/g	<0.032	0.032	0.50	6523817	<0.13	0.13	<0.14	0.14	0.50	6343502
Indeno(1,2,3-cd)pyrene	ng/g	<0.036	0.036	0.50	6523817	<0.060	0.060	<0.050	0.050	0.50	6343502
Dibenzo(a,h)anthracene	ng/g	<0.029	0.029	0.50	6523817	<0.056	0.056	<0.088	0.088	0.50	6343502
Benzo(g,h,i)perylene	ng/g	<0.032	0.032	0.50	6523817	<0.087	0.087	<0.063	0.063	0.50	6343502
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	83	N/A	N/A	6523817	81	N/A	82	N/A	N/A	6343502
Benz(a)anthracene-2H12	%	92	N/A	N/A	6523817	92	N/A	101	N/A	N/A	6343502
Benzo(a)pyrene-2H12	%	98	N/A	N/A	6523817	83	N/A	96	N/A	N/A	6343502
Benzo(b)fluoranthene-2H12	%	102	N/A	N/A	6523817	83	N/A	86	N/A	N/A	6343502
Benzo(g,h,i)perylene-2H12	%	79	N/A	N/A	6523817	93	N/A	97	N/A	N/A	6343502
Benzo(k)fluoranthene-2H12	%	97	N/A	N/A	6523817	83	N/A	83	N/A	N/A	6343502
Chrysene-2H12	%	84	N/A	N/A	6523817	79	N/A	79	N/A	N/A	6343502
Dibenzo(a,h)anthracene-2H14	%	61	N/A	N/A	6523817	114	N/A	100	N/A	N/A	6343502
Fluoranthene-2H10	%	112	N/A	N/A	6523817	92	N/A	90	N/A	N/A	6343502
Indeno(1,2,3-c,d)pyrene-2H12	%	77	N/A	N/A	6523817	108	N/A	94	N/A	N/A	6343502
Naphthalene-2H8	%	104 (1)	N/A	N/A	6523817	68 (2)	N/A	68 (2)	N/A	N/A	6343502
Perylene-2H12	%	99	N/A	N/A	6523817	82	N/A	84	N/A	N/A	6343502
Phenanthrene-2H10	%	97	N/A	N/A	6523817	99	N/A	98	N/A	N/A	6343502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13C6
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF781			KQF783			KQF789			
Sampling Date											
	UNITS	19B-LNG-HEP-03	EDL	RDL	19B-LNG-HEP-04	EDL	RDL	19B-LNG-HEP-05	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.90	N/A	N/A	5.9	N/A	N/A	3.3	N/A	N/A	6333016
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.137	0.090	1.0	0.645	0.070	1.0	0.35	0.13	1.0	6343502
Naphthalene	ng/g	1.76	0.077	0.50	6.63	0.11	0.50	1.92	0.12	0.50	6343502
Acenaphthylene	ng/g	0.132	0.062	0.50	5.20	0.079	0.50	0.481	0.094	0.50	6343502
Acenaphthene	ng/g	1.42	0.074	0.50	104 (1)	1.0	5.0	8.67	0.11	0.50	6343502
Fluorene	ng/g	0.656	0.062	0.50	16.5	0.18	0.50	1.86	0.068	0.50	6343502
Phenanthrene	ng/g	0.829	0.068	0.50	10.8	0.018	0.50	2.38	0.19	0.50	6343502
Anthracene	ng/g	0.132	0.051	0.50	3.42	0.014	0.50	2.76	0.14	0.50	6343502
Fluoranthene	ng/g	0.377	0.069	0.50	3.29	0.10	0.50	1.44	0.11	0.50	6343502
Pyrene	ng/g	0.305	0.066	0.50	2.30	0.096	0.50	1.75	0.10	0.50	6343502
Benzo(a)anthracene	ng/g	0.080	0.059	0.50	1.36	0.14	0.50	0.353	0.079	0.50	6343502
Chrysene	ng/g	0.116	0.067	0.50	1.00	0.14	0.50	0.750	0.085	0.50	6343502
Benzo(k)fluoranthene	ng/g	<0.084	0.084	0.50	0.182	0.061	0.50	0.18	0.12	0.50	6343502
Benzo(a)pyrene	ng/g	<0.12	0.12	0.50	0.200	0.097	0.50	<0.20	0.20	0.50	6343502
Indeno(1,2,3-cd)pyrene	ng/g	<0.042	0.042	0.50	<0.11	0.11	0.50	<0.082	0.082	0.50	6343502
Dibenzo(a,h)anthracene	ng/g	<0.090	0.090	0.50	<0.073	0.073	0.50	<0.095	0.095	0.50	6343502
Benzo(g,h,i)perylene	ng/g	<0.059	0.059	0.50	<0.16	0.16	0.50	0.159	0.097	0.50	6343502
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	70	N/A	N/A	92	N/A	N/A	79	N/A	N/A	6343502
Benz(a)anthracene-2H12	%	103	N/A	N/A	99	N/A	N/A	109	N/A	N/A	6343502
Benzo(a)pyrene-2H12	%	86	N/A	N/A	86	N/A	N/A	84	N/A	N/A	6343502
Benzo(b)fluoranthene-2H12	%	81	N/A	N/A	89	N/A	N/A	88	N/A	N/A	6343502
Benzo(g,h,i)perylene-2H12	%	91	N/A	N/A	94	N/A	N/A	103	N/A	N/A	6343502
Benzo(k)fluoranthene-2H12	%	84	N/A	N/A	80	N/A	N/A	83	N/A	N/A	6343502
Chrysene-2H12	%	74	N/A	N/A	73	N/A	N/A	71	N/A	N/A	6343502
Dibenzo(a,h)anthracene-2H14	%	101	N/A	N/A	116	N/A	N/A	98	N/A	N/A	6343502
Fluoranthene-2H10	%	88	N/A	N/A	88	N/A	N/A	102	N/A	N/A	6343502
Indeno(1,2,3-c,d)pyrene-2H12	%	102	N/A	N/A	113	N/A	N/A	104	N/A	N/A	6343502
Naphthalene-2H8	%	61 (2)	N/A	N/A	72 (2)	N/A	N/A	63 (2)	N/A	N/A	6343502
Perylene-2H12	%	92	N/A	N/A	83	N/A	N/A	89	N/A	N/A	6343502
Phenanthrene-2H10	%	103	N/A	N/A	94	N/A	N/A	94	N/A	N/A	6343502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) result from 10x dilution.
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF789		KQF790		KQF794			
Sampling Date									
	UNITS	19B-LNG-HEP-05 Lab-Dup	EDL	19B-LNG-HEP-06	EDL	19B-LNG-HEP-07	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	N/A	N/A	3.4	N/A	1.6	N/A	N/A	6333016
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.353	0.085	1.03	0.13	0.36	0.12	1.0	6343502
Naphthalene	ng/g	2.26	0.15	2.01	0.088	1.64	0.12	0.50	6343502
Acenaphthylene	ng/g	0.571	0.059	0.374	0.071	0.178	0.084	0.50	6343502
Acenaphthene	ng/g	9.39	0.094	7.26	0.051	2.20	0.061	0.50	6343502
Fluorene	ng/g	1.88	0.089	3.09	0.10	1.26	0.057	0.50	6343502
Phenanthrene	ng/g	2.52	0.10	10.2	0.082	1.98	0.11	0.50	6343502
Anthracene	ng/g	5.68 (1)	0.079	2.06	0.062	4.70	0.085	0.50	6343502
Fluoranthene	ng/g	1.52	0.078	3.62	0.11	0.62	0.17	0.50	6343502
Pyrene	ng/g	1.91	0.075	4.35	0.11	0.29	0.16	0.50	6343502
Benzo(a)anthracene	ng/g	0.252	0.095	1.45	0.091	0.391	0.084	0.50	6343502
Chrysene	ng/g	0.92	0.11	1.92	0.098	0.749	0.086	0.50	6343502
Benzo(k)fluoranthene	ng/g	0.149	0.069	0.34	0.12	<0.11	0.11	0.50	6343502
Benzo(a)pyrene	ng/g	0.13	0.12	0.33	0.18	<0.17	0.17	0.50	6343502
Indeno(1,2,3-cd)pyrene	ng/g	<0.080	0.080	<0.075	0.075	<0.10	0.10	0.50	6343502
Dibenzo(a,h)anthracene	ng/g	<0.088	0.088	<0.085	0.085	<0.12	0.12	0.50	6343502
Benzo(g,h,i)perylene	ng/g	0.13	0.10	0.450	0.080	<0.13	0.13	0.50	6343502
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	74	N/A	81	N/A	83	N/A	N/A	6343502
Benz(a)anthracene-2H12	%	117	N/A	103	N/A	100	N/A	N/A	6343502
Benzo(a)pyrene-2H12	%	87	N/A	84	N/A	86	N/A	N/A	6343502
Benzo(b)fluoranthene-2H12	%	101	N/A	82	N/A	88	N/A	N/A	6343502
Benzo(g,h,i)perylene-2H12	%	93	N/A	108	N/A	100	N/A	N/A	6343502
Benzo(k)fluoranthene-2H12	%	88	N/A	82	N/A	78	N/A	N/A	6343502
Chrysene-2H12	%	67	N/A	72	N/A	74	N/A	N/A	6343502
Dibenzo(a,h)anthracene-2H14	%	99	N/A	93	N/A	114	N/A	N/A	6343502
Fluoranthene-2H10	%	97	N/A	96	N/A	86	N/A	N/A	6343502
Indeno(1,2,3-c,d)pyrene-2H12	%	96	N/A	92	N/A	113	N/A	N/A	6343502
Naphthalene-2H8	%	60 (2)	N/A	69 (2)	N/A	73 (2)	N/A	N/A	6343502
Perylene-2H12	%	94	N/A	92	N/A	93	N/A	N/A	6343502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Possible sample homogeneity. Both sample and sample-dup anallysed at 10x dilution for possible matrix effects. No change in the results.
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF789		KQF790		KQF794			
Sampling Date									
	UNITS	19B-LNG-HEP-05 Lab-Dup	EDL	19B-LNG-HEP-06	EDL	19B-LNG-HEP-07	EDL	RDL	QC Batch
Phenanthrene-2H10	%	101	N/A	92	N/A	88	N/A	N/A	6343502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF801			KQF802			KQF804			
Sampling Date											
	UNITS	19B-LNG-HEP-08	EDL	RDL	19B-LNG-HEP-09	EDL	RDL	19B-LNG-HEP-10	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	1.4	N/A	N/A	8.8	N/A	N/A	3.5	N/A	N/A	6333016
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.28	0.10	1.0	0.525	0.085	0.99	<0.086	0.086	1.0	6343502
Naphthalene	ng/g	2.00	0.063	0.50	6.31	0.099	0.50	2.54	0.13	0.50	6343502
Acenaphthylene	ng/g	0.417	0.042	0.50	0.786	0.044	0.50	0.234	0.058	0.50	6343502
Acenaphthene	ng/g	8.42	0.10	0.50	19.6	0.091	0.50	3.90	0.087	0.50	6343502
Fluorene	ng/g	4.55	0.078	0.50	6.03	0.097	0.50	1.02	0.061	0.50	6343502
Phenanthrene	ng/g	3.29	0.096	0.50	8.30	0.096	0.50	0.891	0.090	0.50	6343502
Anthracene	ng/g	0.790	0.073	0.50	1.65	0.073	0.50	0.349	0.068	0.50	6343502
Fluoranthene	ng/g	0.70	0.13	0.50	1.95	0.053	0.50	0.364	0.088	0.50	6343502
Pyrene	ng/g	0.50	0.13	0.50	1.55	0.051	0.50	0.288	0.084	0.50	6343502
Benzo(a)anthracene	ng/g	0.470	0.041	0.50	0.578	0.071	0.50	0.078	0.075	0.50	6343502
Chrysene	ng/g	0.538	0.039	0.50	0.758	0.076	0.50	<0.086	0.086	0.50	6343502
Benzo(k)fluoranthene	ng/g	0.095	0.082	0.50	0.169	0.072	0.50	<0.073	0.073	0.50	6343502
Benzo(a)pyrene	ng/g	0.15	0.14	0.50	0.21	0.12	0.50	<0.12	0.12	0.50	6343502
Indeno(1,2,3-cd)pyrene	ng/g	<0.11	0.11	0.50	<0.071	0.071	0.50	<0.11	0.11	0.50	6343502
Dibenzo(a,h)anthracene	ng/g	<0.11	0.11	0.50	<0.11	0.11	0.50	<0.091	0.091	0.50	6343502
Benzo(g,h,i)perylene	ng/g	<0.11	0.11	0.50	<0.093	0.093	0.50	<0.12	0.12	0.50	6343502
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	78	N/A	N/A	69	N/A	N/A	87	N/A	N/A	6343502
Benz(a)anthracene-2H12	%	89	N/A	N/A	104	N/A	N/A	106	N/A	N/A	6343502
Benzo(a)pyrene-2H12	%	82	N/A	N/A	80	N/A	N/A	83	N/A	N/A	6343502
Benzo(b)fluoranthene-2H12	%	77	N/A	N/A	77	N/A	N/A	91	N/A	N/A	6343502
Benzo(g,h,i)perylene-2H12	%	93	N/A	N/A	88	N/A	N/A	113	N/A	N/A	6343502
Benzo(k)fluoranthene-2H12	%	83	N/A	N/A	83	N/A	N/A	80	N/A	N/A	6343502
Chrysene-2H12	%	74	N/A	N/A	77	N/A	N/A	74	N/A	N/A	6343502
Dibenzo(a,h)anthracene-2H14	%	88	N/A	N/A	87	N/A	N/A	94	N/A	N/A	6343502
Fluoranthene-2H10	%	88	N/A	N/A	97	N/A	N/A	89	N/A	N/A	6343502
Indeno(1,2,3-c,d)pyrene-2H12	%	88	N/A	N/A	84	N/A	N/A	101	N/A	N/A	6343502
Naphthalene-2H8	%	62 (1)	N/A	N/A	57 (1)	N/A	N/A	62 (1)	N/A	N/A	6343502
Perylene-2H12	%	88	N/A	N/A	92	N/A	N/A	96	N/A	N/A	6343502
Phenanthrene-2H10	%	90	N/A	N/A	99	N/A	N/A	97	N/A	N/A	6343502

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF807		KQF832			KQF834			
Sampling Date										
	UNITS	19B-LNG-HEP-11	EDL	19B-LNG-HEP-12	EDL	RDL	19B-LNG-HEP-13	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	2.5	N/A	2.8	N/A	N/A	3.3	N/A	N/A	6333016
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.27	0.11	0.106	0.064	1.0	0.711	0.067	1.0	6343502
Naphthalene	ng/g	2.16	0.066	2.68	0.078	0.50	5.46	0.19	0.50	6343502
Acenaphthylene	ng/g	0.191	0.049	0.257	0.070	0.50	9.89	0.15	0.50	6343502
Acenaphthene	ng/g	2.32	0.077	2.51	0.066	0.50	119 (1)	1.4	5.0	6343502
Fluorene	ng/g	1.15	0.040	0.595	0.060	0.50	2.97	0.15	0.50	6343502
Phenanthrene	ng/g	1.49	0.086	0.73	0.11	0.50	5.25	0.18	0.50	6343502
Anthracene	ng/g	0.409	0.065	0.164	0.082	0.50	4.27	0.13	0.50	6343502
Fluoranthene	ng/g	0.689	0.079	0.423	0.070	0.50	2.91	0.19	0.50	6343502
Pyrene	ng/g	0.496	0.076	0.320	0.067	0.50	1.42	0.18	0.50	6343502
Benzo(a)anthracene	ng/g	0.194	0.061	0.098	0.082	0.50	2.36	0.095	0.50	6343502
Chrysene	ng/g	0.372	0.064	0.120	0.081	0.50	1.87	0.093	0.50	6343502
Benzo(k)fluoranthene	ng/g	0.126	0.088	<0.056	0.056	0.50	0.206	0.053	0.50	6343502
Benzo(a)pyrene	ng/g	<0.14	0.14	<0.094	0.094	0.50	0.284	0.098	0.50	6343502
Indeno(1,2,3-cd)pyrene	ng/g	<0.066	0.066	<0.077	0.077	0.50	<0.11	0.11	0.50	6343502
Dibenzo(a,h)anthracene	ng/g	<0.088	0.088	<0.11	0.11	0.50	<0.15	0.15	0.50	6343502
Benzo(g,h,i)perylene	ng/g	<0.067	0.067	<0.074	0.074	0.50	<0.10	0.10	0.50	6343502
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	82	N/A	84	N/A	N/A	76	N/A	N/A	6343502
Benz(a)anthracene-2H12	%	96	N/A	96	N/A	N/A	90	N/A	N/A	6343502
Benzo(a)pyrene-2H12	%	78	N/A	83	N/A	N/A	73	N/A	N/A	6343502
Benzo(b)fluoranthene-2H12	%	82	N/A	87	N/A	N/A	73	N/A	N/A	6343502
Benzo(g,h,i)perylene-2H12	%	106	N/A	76	N/A	N/A	71	N/A	N/A	6343502
Benzo(k)fluoranthene-2H12	%	74	N/A	82	N/A	N/A	78	N/A	N/A	6343502
Chrysene-2H12	%	72	N/A	80	N/A	N/A	70	N/A	N/A	6343502
Dibenzo(a,h)anthracene-2H14	%	88	N/A	74	N/A	N/A	69	N/A	N/A	6343502
Fluoranthene-2H10	%	87	N/A	86	N/A	N/A	76	N/A	N/A	6343502
Indeno(1,2,3-c,d)pyrene-2H12	%	86	N/A	72	N/A	N/A	63	N/A	N/A	6343502
Naphthalene-2H8	%	71 (2)	N/A	71 (2)	N/A	N/A	69 (2)	N/A	N/A	6343502
Perylene-2H12	%	79	N/A	83	N/A	N/A	72	N/A	N/A	6343502
Phenanthrene-2H10	%	90	N/A	92	N/A	N/A	81	N/A	N/A	6343502

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N/A = Not Applicable
(1) result from 10x dilution.
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF838		KQF839				KQF840	
Sampling Date									
	UNITS	19B-LNG-HEP-14	EDL	19B-LNG-HEP-15	EDL	RDL	QC Batch	19B-LNG-HEP-16	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	1.5	N/A	2.1	N/A	N/A	6333016	2.3	6324944
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.156	0.070	0.355	0.069	1.0	6343502	N/A	N/A
Naphthalene	ng/g	2.21	0.10	3.36	0.13	0.50	6343502	N/A	N/A
Acenaphthylene	ng/g	0.554	0.071	0.694	0.098	0.50	6343502	N/A	N/A
Acenaphthene	ng/g	5.55	0.071	11.0	0.081	0.50	6343502	N/A	N/A
Fluorene	ng/g	5.19	0.10	2.04	0.085	0.50	6343502	N/A	N/A
Phenanthrene	ng/g	4.11	0.073	1.36	0.16	0.50	6343502	N/A	N/A
Anthracene	ng/g	1.61	0.056	0.46	0.12	0.50	6343502	N/A	N/A
Fluoranthene	ng/g	0.885	0.094	0.597	0.085	0.50	6343502	N/A	N/A
Pyrene	ng/g	0.723	0.090	0.278	0.081	0.50	6343502	N/A	N/A
Benzo(a)anthracene	ng/g	0.58	0.11	0.262	0.053	0.50	6343502	N/A	N/A
Chrysene	ng/g	0.48	0.11	0.357	0.053	0.50	6343502	N/A	N/A
Benzo(k)fluoranthene	ng/g	0.189	0.058	0.062	0.058	0.50	6343502	N/A	N/A
Benzo(a)pyrene	ng/g	0.10	0.10	<0.10	0.10	0.50	6343502	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.079	0.079	<0.11	0.11	0.50	6343502	N/A	N/A
Dibenzo(a,h)anthracene	ng/g	<0.14	0.14	<0.12	0.12	0.50	6343502	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.076	0.076	<0.10	0.10	0.50	6343502	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	92	N/A	80	N/A	N/A	6343502	N/A	N/A
Benz(a)anthracene-2H12	%	98	N/A	97	N/A	N/A	6343502	N/A	N/A
Benzo(a)pyrene-2H12	%	86	N/A	82	N/A	N/A	6343502	N/A	N/A
Benzo(b)fluoranthene-2H12	%	93	N/A	81	N/A	N/A	6343502	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	80	N/A	79	N/A	N/A	6343502	N/A	N/A
Benzo(k)fluoranthene-2H12	%	78	N/A	86	N/A	N/A	6343502	N/A	N/A
Chrysene-2H12	%	82	N/A	81	N/A	N/A	6343502	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	72	N/A	73	N/A	N/A	6343502	N/A	N/A
Fluoranthene-2H10	%	90	N/A	92	N/A	N/A	6343502	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	74	N/A	68	N/A	N/A	6343502	N/A	N/A
Naphthalene-2H8	%	78 (1)	N/A	73 (1)	N/A	N/A	6343502	N/A	N/A
Perylene-2H12	%	81	N/A	84	N/A	N/A	6343502	N/A	N/A
Phenanthrene-2H10	%	90	N/A	96	N/A	N/A	6343502	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQF841	KQF842	KQF851	KQF861	KQF862	
Sampling Date							
	UNITS	19B-LNG-HEP-17	19B-LNG-HEP-18	19B-LNG-HEP-19	19B-LNG-HEP-20	19B-LNG-HEP-21	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	6.4	2.9	3.8	3.2	14	6324944
QC Batch = Quality Control Batch							

BV Labs ID		KQF866	KQF867	KQF883	KQF897	KQF899	
Sampling Date							
	UNITS	19B-LNG-HEP-22	19B-LNG-HEP-23	19B-LNG-HEP-24	19B-LNG-HEP-25	19B-LNG-HEP-26	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	6.1	5.7	4.2	4.4	5.8	6324944
QC Batch = Quality Control Batch							

BV Labs ID		KQF904	KQF915	KQF927	KQF929	
Sampling Date						
	UNITS	19B-LNG-HEP-27	19B-LNG-HEP-28	19B-LNG-HEP-29	19B-LNG-HEP-30	QC Batch
Miscellaneous Parameters						
Fat (gravimetric)	%	1.6	4.7	4.1	4.0	6324944
QC Batch = Quality Control Batch						

BV Labs ID		KQF940	KQF948	KQF957	KQF969	KQF986	
Sampling Date							
	UNITS	19B-LNG-HEP-31	19B-LNG-HEP-32	19B-LNG-HEP-33	19B-LNG-HEP-34	19B-LNG-HEP-35	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	9.2	15	3.7	8.0	3.6	6338736
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG000	KQG015	KQG025	KQG036	KQG037	
Sampling Date							
	UNITS	19B-LNG-HEP-36	19B-LNG-HEP-37	19B-LNG-HEP-38	19B-LNG-HEP-39	19B-LNG-HEP-40	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.9	3.8	4.6	2.0	8.1	6338736
QC Batch = Quality Control Batch							

BV Labs ID		KQG038	KQG039	KQG040	KQG041	KQG050	
Sampling Date							
	UNITS	19B-LNG-HEP-41	19B-LNG-HEP-42	19B-LNG-HEP-43	19B-LNG-HEP-44	19B-LNG-HEP-45	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	3.8	3.1	2.3	3.3	3.0	6338736
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG051		KQG062		KQG064			
Sampling Date									
	UNITS	19B-VIL-HEP-01	EDL	19B-VIL-HEP-02	EDL	19B-VIL-HEP-03	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	3.0	N/A	13	N/A	17	N/A	N/A	6372501
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.069	0.069	<0.10	0.10	<0.068	0.068	0.99	6380277
Naphthalene	ng/g	4.64	0.21	21.7	0.15	4.36	0.10	0.50	6380277
Acenaphthylene	ng/g	0.21	0.11	0.423	0.098	0.634	0.086	0.50	6380277
Acenaphthene	ng/g	1.15	0.14	2.69	0.12	6.55	0.086	0.50	6380277
Fluorene	ng/g	0.35	0.11	0.99	0.18	0.82	0.15	0.50	6380277
Phenanthrene	ng/g	0.49	0.15	0.98	0.22	0.84	0.15	0.50	6380277
Anthracene	ng/g	0.61	0.15	1.14	0.22	2.20	0.15	0.50	6380277
Fluoranthene	ng/g	0.176	0.083	0.36	0.19	0.295	0.077	0.50	6380277
Pyrene	ng/g	0.116	0.082	0.40	0.19	0.266	0.077	0.50	6380277
Benzo(a)anthracene	ng/g	0.094	0.075	0.098	0.074	0.17	0.11	0.50	6380277
Chrysene	ng/g	0.097	0.079	0.150	0.079	<0.13	0.13	0.50	6380277
Benzo(k)fluoranthene	ng/g	<0.074	0.074	<0.11	0.11	<0.074	0.074	0.50	6380277
Benzo(a)pyrene	ng/g	<0.10	0.10	<0.16	0.16	<0.11	0.11	0.50	6380277
Indeno(1,2,3-cd)pyrene	ng/g	<0.13	0.13	<0.085	0.085	<0.10	0.10	0.50	6380277
Dibenzo(a,h)anthracene	ng/g	<0.13	0.13	<0.11	0.11	<0.079	0.079	0.50	6380277
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	<0.084	0.084	<0.11	0.11	0.50	6380277
Surrogate Recovery (%)									
2,6-Dimethylnaphthalene-2H12	%	N/A	N/A	N/A	N/A	80	N/A	N/A	6380277
Acenaphthylene-2H8	%	53	N/A	84	N/A	80	N/A	N/A	6380277
Benz(a)anthracene-2H12	%	71	N/A	92	N/A	96	N/A	N/A	6380277
Benzo(a)pyrene-2H12	%	67	N/A	86	N/A	83	N/A	N/A	6380277
Benzo(b)fluoranthene-2H12	%	60	N/A	79	N/A	86	N/A	N/A	6380277
Benzo(g,h,i)perylene-2H12	%	53	N/A	62	N/A	68	N/A	N/A	6380277
Benzo(k)fluoranthene-2H12	%	68	N/A	89	N/A	81	N/A	N/A	6380277
Chrysene-2H12	%	72	N/A	80	N/A	78	N/A	N/A	6380277
Dibenzo(a,h)anthracene-2H14	%	49	N/A	69	N/A	68	N/A	N/A	6380277
Fluoranthene-2H10	%	72	N/A	81	N/A	88	N/A	N/A	6380277
Indeno(1,2,3-c,d)pyrene-2H12	%	50	N/A	64	N/A	73	N/A	N/A	6380277
Naphthalene-2H8	%	53 (1)	N/A	70 (1)	N/A	69 (1)	N/A	N/A	6380277
Perylene-2H12	%	57	N/A	77	N/A	86	N/A	N/A	6380277
Phenanthrene-2H10	%	59	N/A	67	N/A	71	N/A	N/A	6380277

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG065			KQG067		KQG068			
Sampling Date										
	UNITS	19B-VIL-HEP-04	EDL	RDL	19B-VIL-HEP-05	EDL	19B-VIL-HEP-06	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	16	N/A	N/A	3.5	N/A	4.5	N/A	N/A	6372501
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.104	0.084	1.0	<0.065	0.065	<0.12	0.12	0.99	6380277
Naphthalene	ng/g	6.24	0.28	0.50	3.75	0.16	2.86	0.18	0.50	6380277
Acenaphthylene	ng/g	0.92	0.18	0.50	0.28	0.12	0.321	0.098	0.50	6380277
Acenaphthene	ng/g	6.67	0.20	0.50	0.75	0.14	1.18	0.13	0.50	6380277
Fluorene	ng/g	1.61	0.22	0.50	0.610	0.093	0.54	0.15	0.50	6380277
Phenanthrene	ng/g	1.69	0.30	0.50	0.60	0.18	0.67	0.24	0.50	6380277
Anthracene	ng/g	1.50	0.30	0.50	0.92	0.18	0.90	0.24	0.50	6380277
Fluoranthene	ng/g	0.43	0.10	0.50	0.206	0.082	0.264	0.099	0.50	6380277
Pyrene	ng/g	0.27	0.10	0.50	0.113	0.082	0.165	0.098	0.50	6380277
Benzo(a)anthracene	ng/g	0.28	0.12	0.50	<0.085	0.085	0.157	0.089	0.50	6380277
Chrysene	ng/g	0.43	0.13	0.50	<0.098	0.098	<0.10	0.10	0.50	6380277
Benzo(k)fluoranthene	ng/g	<0.094	0.094	0.50	<0.077	0.077	<0.12	0.12	0.50	6380277
Benzo(a)pyrene	ng/g	<0.13	0.13	0.50	<0.098	0.098	<0.15	0.15	0.50	6380277
Indeno(1,2,3-cd)pyrene	ng/g	<0.087	0.087	0.50	<0.062	0.062	<0.10	0.10	0.50	6380277
Dibenzo(a,h)anthracene	ng/g	<0.062	0.062	0.50	<0.069	0.069	<0.088	0.088	0.50	6380277
Benzo(g,h,i)perylene	ng/g	<0.095	0.095	0.50	<0.065	0.065	<0.10	0.10	0.50	6380277
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	77	N/A	N/A	69	N/A	83	N/A	N/A	6380277
Benz(a)anthracene-2H12	%	101	N/A	N/A	99	N/A	97	N/A	N/A	6380277
Benzo(a)pyrene-2H12	%	88	N/A	N/A	89	N/A	90	N/A	N/A	6380277
Benzo(b)fluoranthene-2H12	%	86	N/A	N/A	93	N/A	86	N/A	N/A	6380277
Benzo(g,h,i)perylene-2H12	%	74	N/A	N/A	79	N/A	71	N/A	N/A	6380277
Benzo(k)fluoranthene-2H12	%	83	N/A	N/A	81	N/A	83	N/A	N/A	6380277
Chrysene-2H12	%	82	N/A	N/A	77	N/A	77	N/A	N/A	6380277
Dibenzo(a,h)anthracene-2H14	%	97	N/A	N/A	86	N/A	78	N/A	N/A	6380277
Fluoranthene-2H10	%	89	N/A	N/A	88	N/A	79	N/A	N/A	6380277
Indeno(1,2,3-c,d)pyrene-2H12	%	82	N/A	N/A	80	N/A	73	N/A	N/A	6380277
Naphthalene-2H8	%	67 (1)	N/A	N/A	70 (1)	N/A	73 (1)	N/A	N/A	6380277
Perylene-2H12	%	82	N/A	N/A	81	N/A	80	N/A	N/A	6380277
Phenanthrene-2H10	%	71	N/A	N/A	68	N/A	61	N/A	N/A	6380277

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG069			KQG070			KQG071			
Sampling Date											
	UNITS	19B-VIL-HEP-07	EDL	RDL	19B-VIL-HEP-08	EDL	RDL	19B-VIL-HEP-09	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	6.3	N/A	N/A	9.8	N/A	N/A	9.8	N/A	N/A	6372501
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.229	0.091	1.0	0.163	0.050	1.0	<0.073	0.073	0.99	6380277
Naphthalene	ng/g	3.78	0.16	0.50	4.41	0.096	0.50	5.80	0.18	0.50	6380277
Acenaphthylene	ng/g	10.2	0.087	0.50	0.839	0.060	0.50	0.491	0.092	0.50	6380277
Acenaphthene	ng/g	159 (1)	1.5	5.0	3.01	0.071	0.50	3.84	0.15	0.50	6380277
Fluorene	ng/g	0.62	0.14	0.50	1.14	0.071	0.50	0.73	0.13	0.50	6380277
Phenanthrene	ng/g	2.46	0.17	0.50	1.73	0.10	0.50	0.99	0.14	0.50	6380277
Anthracene	ng/g	9.88	0.17	0.50	3.06	0.10	0.50	1.51	0.14	0.50	6380277
Fluoranthene	ng/g	0.587	0.088	0.50	0.76	0.12	0.50	0.34	0.11	0.50	6380277
Pyrene	ng/g	0.272	0.088	0.50	0.63	0.12	0.50	0.33	0.11	0.50	6380277
Benzo(a)anthracene	ng/g	0.541	0.070	0.50	0.223	0.059	0.50	0.189	0.082	0.50	6380277
Chrysene	ng/g	0.622	0.075	0.50	0.398	0.072	0.50	0.123	0.084	0.50	6380277
Benzo(k)fluoranthene	ng/g	<0.096	0.096	0.50	0.073	0.053	0.50	<0.072	0.072	0.50	6380277
Benzo(a)pyrene	ng/g	<0.13	0.13	0.50	<0.075	0.075	0.50	<0.095	0.095	0.50	6380277
Indeno(1,2,3-cd)pyrene	ng/g	<0.053	0.053	0.50	<0.038	0.038	0.50	<0.082	0.082	0.50	6380277
Dibenzo(a,h)anthracene	ng/g	<0.090	0.090	0.50	<0.043	0.043	0.50	<0.12	0.12	0.50	6380277
Benzo(g,h,i)perylene	ng/g	<0.057	0.057	0.50	0.095	0.041	0.50	<0.078	0.078	0.50	6380277
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	133	N/A	N/A	87	N/A	N/A	89	N/A	N/A	6380277
Benz(a)anthracene-2H12	%	99	N/A	N/A	108	N/A	N/A	97	N/A	N/A	6380277
Benzo(a)pyrene-2H12	%	88	N/A	N/A	86	N/A	N/A	90	N/A	N/A	6380277
Benzo(b)fluoranthene-2H12	%	82	N/A	N/A	89	N/A	N/A	76	N/A	N/A	6380277
Benzo(g,h,i)perylene-2H12	%	71	N/A	N/A	70	N/A	N/A	76	N/A	N/A	6380277
Benzo(k)fluoranthene-2H12	%	91	N/A	N/A	86	N/A	N/A	93	N/A	N/A	6380277
Chrysene-2H12	%	86	N/A	N/A	78	N/A	N/A	87	N/A	N/A	6380277
Dibenzo(a,h)anthracene-2H14	%	73	N/A	N/A	76	N/A	N/A	76	N/A	N/A	6380277
Fluoranthene-2H10	%	90	N/A	N/A	82	N/A	N/A	86	N/A	N/A	6380277
Indeno(1,2,3-c,d)pyrene-2H12	%	69	N/A	N/A	71	N/A	N/A	64	N/A	N/A	6380277
Naphthalene-2H8	%	110 (2)	N/A	N/A	74 (2)	N/A	N/A	83 (2)	N/A	N/A	6380277
Perylene-2H12	%	82	N/A	N/A	79	N/A	N/A	84	N/A	N/A	6380277
Phenanthrene-2H10	%	66	N/A	N/A	74	N/A	N/A	67	N/A	N/A	6380277

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) from 10x dilution.
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG072			KQG073		KQG074			
Sampling Date										
	UNITS	19B-VIL-HEP-10	EDL	RDL	19B-VIL-HEP-11	EDL	19B-VIL-HEP-12	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	11	N/A	N/A	6.0	N/A	7.6	N/A	N/A	6372501
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.13	0.13	0.99	<0.12	0.12	<0.13	0.13	1.0	6380277
Naphthalene	ng/g	3.49	0.19	0.50	3.20	0.20	3.18	0.20	0.50	6380277
Acenaphthylene	ng/g	0.753	0.099	0.50	0.40	0.22	0.31	0.15	0.50	6380277
Acenaphthene	ng/g	6.70	0.18	0.50	1.27	0.18	2.01	0.23	0.50	6380277
Fluorene	ng/g	1.07	0.23	0.50	0.93	0.11	0.75	0.12	0.50	6380277
Phenanthrene	ng/g	1.05	0.19	0.50	0.92	0.23	1.02	0.33	0.50	6380277
Anthracene	ng/g	2.33	0.19	0.50	2.92	0.23	1.85	0.33	0.50	6380277
Fluoranthene	ng/g	0.399	0.081	0.50	0.345	0.092	0.45	0.21	0.50	6380277
Pyrene	ng/g	0.289	0.081	0.50	0.281	0.091	0.36	0.20	0.50	6380277
Benzo(a)anthracene	ng/g	0.28	0.10	0.50	<0.13	0.13	<0.13	0.13	0.50	6380277
Chrysene	ng/g	0.24	0.12	0.50	<0.14	0.14	0.28	0.14	0.50	6380277
Benzo(k)fluoranthene	ng/g	<0.13	0.13	0.50	<0.13	0.13	<0.15	0.15	0.50	6380277
Benzo(a)pyrene	ng/g	<0.18	0.18	0.50	<0.19	0.19	<0.19	0.19	0.50	6380277
Indeno(1,2,3-cd)pyrene	ng/g	<0.086	0.086	0.50	<0.11	0.11	<0.15	0.15	0.50	6380277
Dibenzo(a,h)anthracene	ng/g	<0.12	0.12	0.50	<0.21	0.21	<0.16	0.16	0.50	6380277
Benzo(g,h,i)perylene	ng/g	<0.095	0.095	0.50	<0.10	0.10	<0.11	0.11	0.50	6380277
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	76	N/A	N/A	76	N/A	97	N/A	N/A	6380277
Benz(a)anthracene-2H12	%	106	N/A	N/A	97	N/A	103	N/A	N/A	6380277
Benzo(a)pyrene-2H12	%	98	N/A	N/A	82	N/A	88	N/A	N/A	6380277
Benzo(b)fluoranthene-2H12	%	92	N/A	N/A	73	N/A	86	N/A	N/A	6380277
Benzo(g,h,i)perylene-2H12	%	79	N/A	N/A	54	N/A	91	N/A	N/A	6380277
Benzo(k)fluoranthene-2H12	%	93	N/A	N/A	81	N/A	91	N/A	N/A	6380277
Chrysene-2H12	%	86	N/A	N/A	96	N/A	94	N/A	N/A	6380277
Dibenzo(a,h)anthracene-2H14	%	83	N/A	N/A	54	N/A	61	N/A	N/A	6380277
Fluoranthene-2H10	%	93	N/A	N/A	87	N/A	92	N/A	N/A	6380277
Indeno(1,2,3-c,d)pyrene-2H12	%	84	N/A	N/A	52	N/A	72	N/A	N/A	6380277
Naphthalene-2H8	%	78 (1)	N/A	N/A	79 (1)	N/A	94 (1)	N/A	N/A	6380277
Perylene-2H12	%	90	N/A	N/A	76	N/A	83	N/A	N/A	6380277
Phenanthrene-2H10	%	74	N/A	N/A	54	N/A	61	N/A	N/A	6380277

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG081		KQG109			KQG109			
Sampling Date										
	UNITS	19B-VIL-HEP-13	EDL	19B-VIL-HEP-14	EDL	RDL	19B-VIL-HEP-14 Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	8.5	N/A	8.4	N/A	N/A	N/A	N/A	N/A	6372501
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.12	0.12	<0.098	0.098	1.0	<0.10	0.10	0.99	6380277
Naphthalene	ng/g	3.46	0.14	4.15	0.14	0.50	4.36	0.15	0.50	6380277
Acenaphthylene	ng/g	0.32	0.10	0.32	0.12	0.50	0.425	0.083	0.50	6380277
Acenaphthene	ng/g	1.24	0.12	4.14	0.16	0.50	4.50	0.13	0.50	6380277
Fluorene	ng/g	0.44	0.14	1.14	0.13	0.50	1.03	0.13	0.50	6380277
Phenanthrene	ng/g	0.69	0.15	1.34	0.13	0.50	1.25	0.15	0.50	6380277
Anthracene	ng/g	1.55	0.15	4.84	0.13	0.50	7.45	0.15	0.50	6380277
Fluoranthene	ng/g	0.27	0.17	0.44	0.17	0.50	0.38	0.13	0.50	6380277
Pyrene	ng/g	<0.17	0.17	0.31	0.16	0.50	0.20	0.13	0.50	6380277
Benzo(a)anthracene	ng/g	0.088	0.063	<0.12	0.12	0.50	0.16	0.14	0.50	6380277
Chrysene	ng/g	0.131	0.072	0.17	0.14	0.50	0.29	0.15	0.50	6380277
Benzo(k)fluoranthene	ng/g	<0.12	0.12	<0.11	0.11	0.50	<0.11	0.11	0.50	6380277
Benzo(a)pyrene	ng/g	<0.17	0.17	<0.15	0.15	0.50	<0.16	0.16	0.50	6380277
Indeno(1,2,3-cd)pyrene	ng/g	<0.090	0.090	<0.14	0.14	0.50	<0.058	0.058	0.50	6380277
Dibenzo(a,h)anthracene	ng/g	<0.14	0.14	<0.074	0.074	0.50	<0.10	0.10	0.50	6380277
Benzo(g,h,i)perylene	ng/g	<0.091	0.091	<0.14	0.14	0.50	<0.056	0.056	0.50	6380277
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	80	N/A	84	N/A	N/A	83	N/A	N/A	6380277
Benz(a)anthracene-2H12	%	117	N/A	103	N/A	N/A	104	N/A	N/A	6380277
Benzo(a)pyrene-2H12	%	94	N/A	91	N/A	N/A	86	N/A	N/A	6380277
Benzo(b)fluoranthene-2H12	%	94	N/A	87	N/A	N/A	91	N/A	N/A	6380277
Benzo(g,h,i)perylene-2H12	%	78	N/A	78	N/A	N/A	70	N/A	N/A	6380277
Benzo(k)fluoranthene-2H12	%	93	N/A	88	N/A	N/A	91	N/A	N/A	6380277
Chrysene-2H12	%	99	N/A	82	N/A	N/A	89	N/A	N/A	6380277
Dibenzo(a,h)anthracene-2H14	%	83	N/A	79	N/A	N/A	72	N/A	N/A	6380277
Fluoranthene-2H10	%	93	N/A	81	N/A	N/A	90	N/A	N/A	6380277
Indeno(1,2,3-c,d)pyrene-2H12	%	76	N/A	77	N/A	N/A	72	N/A	N/A	6380277
Naphthalene-2H8	%	77 (1)	N/A	80 (1)	N/A	N/A	81 (1)	N/A	N/A	6380277
Perylene-2H12	%	88	N/A	81	N/A	N/A	85	N/A	N/A	6380277
Phenanthrene-2H10	%	71	N/A	62	N/A	N/A	66	N/A	N/A	6380277

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG110				KQG111	KQG113	KQG114	
Sampling Date									
	UNITS	19B-VIL-HEP-15	EDL	RDL	QC Batch	19B-VIL-HEP-16	19B-VIL-HEP-17	19B-VIL-HEP-18	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	13	N/A	N/A	6372501	4.4	14	3.9	6348380
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.23	0.23	1.0	6380277	N/A	N/A	N/A	N/A
Naphthalene	ng/g	7.89	0.87	0.50	6380277	N/A	N/A	N/A	N/A
Acenaphthylene	ng/g	1.16	0.57	0.50	6380277	N/A	N/A	N/A	N/A
Acenaphthene	ng/g	4.56	0.30	0.50	6380277	N/A	N/A	N/A	N/A
Fluorene	ng/g	1.08	0.30	0.50	6380277	N/A	N/A	N/A	N/A
Phenanthrene	ng/g	1.00	0.34	0.50	6380277	N/A	N/A	N/A	N/A
Anthracene	ng/g	2.34	0.34	0.50	6380277	N/A	N/A	N/A	N/A
Fluoranthene	ng/g	0.50	0.15	0.50	6380277	N/A	N/A	N/A	N/A
Pyrene	ng/g	0.24	0.15	0.50	6380277	N/A	N/A	N/A	N/A
Benzo(a)anthracene	ng/g	0.28	0.14	0.50	6380277	N/A	N/A	N/A	N/A
Chrysene	ng/g	0.29	0.16	0.50	6380277	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene	ng/g	<0.21	0.21	0.50	6380277	N/A	N/A	N/A	N/A
Benzo(a)pyrene	ng/g	<0.30	0.30	0.50	6380277	N/A	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	ng/g	<0.17	0.17	0.50	6380277	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene	ng/g	<0.23	0.23	0.50	6380277	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene	ng/g	<0.16	0.16	0.50	6380277	N/A	N/A	N/A	N/A
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	66	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Benz(a)anthracene-2H12	%	103	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Benzo(a)pyrene-2H12	%	101	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Benzo(b)fluoranthene-2H12	%	84	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Benzo(g,h,i)perylene-2H12	%	76	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Benzo(k)fluoranthene-2H12	%	103	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Chrysene-2H12	%	96	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Dibenzo(a,h)anthracene-2H14	%	69	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Fluoranthene-2H10	%	94	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Indeno(1,2,3-c,d)pyrene-2H12	%	77	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Naphthalene-2H8	%	41 (1)	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Perylene-2H12	%	84	N/A	N/A	6380277	N/A	N/A	N/A	N/A
Phenanthrene-2H10	%	69	N/A	N/A	6380277	N/A	N/A	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG124	KQG129	KQG139	KQG142	KQG144	
Sampling Date							
	UNITS	19B-VIL-HEP-19	19B-VIL-HEP-20	19B-VIL-HEP-21	19B-VIL-HEP-22	19B-VIL-HEP-23	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.1	12	13	3.0	1.4	6348380
QC Batch = Quality Control Batch							

BV Labs ID		KQG145	KQG146	KQG147	KQG170	KQG180	
Sampling Date							
	UNITS	19B-VIL-HEP-24	19B-VIL-HEP-25	19B-VIL-HEP-26	19B-VIL-HEP-27	19B-VIL-HEP-28	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.8	1.9	1.2	0.90	1.2	6348380
QC Batch = Quality Control Batch							

BV Labs ID		KQG193	KQG194		KQG195	KQG199	KQG200	
Sampling Date								
	UNITS	19B-VIL-HEP-29	19B-VIL-HEP-30	QC Batch	19B-VIL-HEP-31	19B-VIL-HEP-32	19B-VIL-HEP-33	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	8.0	12	6348380	4.6	4.5	5.4	6361477
QC Batch = Quality Control Batch								

BV Labs ID		KQG209	KQG210	KQG213	KQG216	KQG218	
Sampling Date							
	UNITS	19B-VIL-HEP-34	19B-VIL-HEP-35	19B-VIL-HEP-36	19B-VIL-HEP-37	19B-VIL-HEP-38	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.4	5.2	12	12	1.5	6361477
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG227	KQG228	KQG229	KQG230	KQG231	
Sampling Date							
	UNITS	19B-VIL-HEP-39	19B-VIL-HEP-40	19B-VIL-HEP-41	19B-VIL-HEP-42	19B-VIL-HEP-43	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	17	2.9	18	4.7	14	6361477
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG232	KQG234		KQG235			
Sampling Date								
	UNITS	19B-VIL-HEP-44	19B-VIL-HEP-45	QC Batch	19B-ARM-HEP-01	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	4.2	1.1	6361477	3.2	N/A	N/A	6394026
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	N/A	N/A	N/A	<0.075	0.075	1.0	6404691
Naphthalene	ng/g	N/A	N/A	N/A	2.71	0.14	0.50	6404691
Acenaphthylene	ng/g	N/A	N/A	N/A	<0.13	0.13	0.50	6404691
Acenaphthene	ng/g	N/A	N/A	N/A	0.16	0.14	0.50	6404691
Fluorene	ng/g	N/A	N/A	N/A	0.164	0.053	0.50	6404691
Phenanthrene	ng/g	N/A	N/A	N/A	0.456	0.090	0.50	6404691
Anthracene	ng/g	N/A	N/A	N/A	2.34	0.092	0.50	6404691
Fluoranthene	ng/g	N/A	N/A	N/A	0.137	0.059	0.50	6404691
Pyrene	ng/g	N/A	N/A	N/A	0.141	0.057	0.50	6404691
Benzo(a)anthracene	ng/g	N/A	N/A	N/A	<0.067	0.067	0.50	6404691
Chrysene	ng/g	N/A	N/A	N/A	<0.074	0.074	0.50	6404691
Benzo(k)fluoranthene	ng/g	N/A	N/A	N/A	<0.087	0.087	0.50	6404691
Benzo(a)pyrene	ng/g	N/A	N/A	N/A	<0.11	0.11	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	N/A	N/A	N/A	<0.057	0.057	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	N/A	N/A	N/A	<0.095	0.095	0.50	6404691
Benzo(g,h,i)perylene	ng/g	N/A	N/A	N/A	<0.057	0.057	0.50	6404691
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	N/A	N/A	N/A	90	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	N/A	N/A	N/A	111	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	N/A	N/A	N/A	108	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	N/A	N/A	N/A	103	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	N/A	N/A	N/A	111	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	N/A	N/A	N/A	104	N/A	N/A	6404691
Chrysene-2H12	%	N/A	N/A	N/A	100	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	N/A	N/A	N/A	108	N/A	N/A	6404691
Fluoranthene-2H10	%	N/A	N/A	N/A	101	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	N/A	N/A	N/A	107	N/A	N/A	6404691
Naphthalene-2H8	%	N/A	N/A	N/A	86 (1)	N/A	N/A	6404691
Perylene-2H12	%	N/A	N/A	N/A	111	N/A	N/A	6404691
Phenanthrene-2H10	%	N/A	N/A	N/A	116	N/A	N/A	6404691

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N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG240			KQG241		KQG242			
Sampling Date										
	UNITS	19B-ARM-HEP-02	EDL	RDL	19B-ARM-HEP-03	EDL	19B-ARM-HEP-04	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	16	N/A	N/A	13	N/A	1.3	N/A	N/A	6394026
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.169	0.069	0.99	<0.080	0.080	<0.046	0.046	1.0	6404691
Naphthalene	ng/g	3.69	0.12	0.50	3.04	0.12	1.02	0.20	0.50	6404691
Acenaphthylene	ng/g	0.151	0.075	0.50	0.19	0.12	<0.079	0.079	0.50	6404691
Acenaphthene	ng/g	0.50	0.14	0.50	0.424	0.079	0.140	0.082	0.50	6404691
Fluorene	ng/g	0.218	0.097	0.50	0.270	0.063	0.137	0.061	0.50	6404691
Phenanthrene	ng/g	0.66	0.10	0.50	0.66	0.12	0.352	0.054	0.50	6404691
Anthracene	ng/g	2.45	0.11	0.50	1.84	0.12	0.858	0.055	0.50	6404691
Fluoranthene	ng/g	0.37	0.10	0.50	0.173	0.094	0.087	0.042	0.50	6404691
Pyrene	ng/g	0.458	0.099	0.50	0.270	0.091	0.132	0.040	0.50	6404691
Benzo(a)anthracene	ng/g	0.806	0.080	0.50	0.097	0.080	<0.044	0.044	0.50	6404691
Chrysene	ng/g	0.295	0.095	0.50	0.174	0.090	0.075	0.054	0.50	6404691
Benzo(k)fluoranthene	ng/g	<0.076	0.076	0.50	<0.093	0.093	<0.053	0.053	0.50	6404691
Benzo(a)pyrene	ng/g	0.143	0.094	0.50	<0.12	0.12	<0.068	0.068	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	<0.077	0.077	0.50	<0.093	0.093	<0.070	0.070	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	<0.10	0.10	0.50	<0.13	0.13	<0.059	0.059	0.50	6404691
Benzo(g,h,i)perylene	ng/g	0.116	0.077	0.50	<0.095	0.095	<0.071	0.071	0.50	6404691
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	93	N/A	N/A	101	N/A	77	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	129	N/A	N/A	122	N/A	114	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	108	N/A	N/A	108	N/A	106	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	122	N/A	N/A	112	N/A	112	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	110	N/A	N/A	113	N/A	116	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	106	N/A	N/A	106	N/A	108	N/A	N/A	6404691
Chrysene-2H12	%	93	N/A	N/A	98	N/A	88	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	112	N/A	N/A	109	N/A	120	N/A	N/A	6404691
Fluoranthene-2H10	%	102	N/A	N/A	108	N/A	109	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	118	N/A	N/A	111	N/A	111	N/A	N/A	6404691
Naphthalene-2H8	%	67 (1)	N/A	N/A	79 (1)	N/A	62 (1)	N/A	N/A	6404691
Perylene-2H12	%	110	N/A	N/A	113	N/A	107	N/A	N/A	6404691
Phenanthrene-2H10	%	119	N/A	N/A	132	N/A	122	N/A	N/A	6404691

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N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG250		KQG256		KQG257			
Sampling Date									
	UNITS	19B-ARM-HEP-05	EDL	19B-ARM-HEP-06	EDL	19B-ARM-HEP-07	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	12	N/A	9.6	N/A	16	N/A	N/A	6394026
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.070	0.035	0.049	0.025	0.099	0.042	1.0	6404691
Naphthalene	ng/g	5.12	0.079	2.04	0.061	5.24	0.078	0.50	6404691
Acenaphthylene	ng/g	0.193	0.074	0.089	0.043	0.155	0.069	0.50	6404691
Acenaphthene	ng/g	0.561	0.070	0.116	0.042	0.210	0.071	0.50	6404691
Fluorene	ng/g	0.293	0.056	0.134	0.027	0.253	0.043	0.50	6404691
Phenanthrene	ng/g	0.612	0.082	0.496	0.047	0.674	0.064	0.50	6404691
Anthracene	ng/g	1.11	0.085	2.49	0.049	2.95	0.066	0.50	6404691
Fluoranthene	ng/g	0.226	0.081	0.131	0.041	0.195	0.061	0.50	6404691
Pyrene	ng/g	0.273	0.078	0.143	0.039	0.240	0.058	0.50	6404691
Benzo(a)anthracene	ng/g	0.085	0.074	0.051	0.045	0.090	0.024	0.50	6404691
Chrysene	ng/g	0.209	0.084	0.121	0.051	0.295	0.031	0.50	6404691
Benzo(k)fluoranthene	ng/g	<0.037	0.037	<0.028	0.028	<0.046	0.046	0.50	6404691
Benzo(a)pyrene	ng/g	0.073	0.046	0.047	0.038	0.074	0.062	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	<0.088	0.088	<0.041	0.041	<0.046	0.046	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	<0.095	0.095	<0.052	0.052	<0.068	0.068	0.50	6404691
Benzo(g,h,i)perylene	ng/g	<0.086	0.086	0.041	0.040	0.058	0.045	0.50	6404691
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	90	N/A	91	N/A	103	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	126	N/A	119	N/A	129	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	101	N/A	102	N/A	103	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	98	N/A	103	N/A	107	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	102	N/A	111	N/A	111	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	101	N/A	112	N/A	107	N/A	N/A	6404691
Chrysene-2H12	%	100	N/A	102	N/A	91	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	102	N/A	96	N/A	99	N/A	N/A	6404691
Fluoranthene-2H10	%	106	N/A	112	N/A	108	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	94	N/A	102	N/A	101	N/A	N/A	6404691
Naphthalene-2H8	%	61 (1)	N/A	70 (1)	N/A	81 (1)	N/A	N/A	6404691
Perylene-2H12	%	98	N/A	106	N/A	106	N/A	N/A	6404691
Phenanthrene-2H10	%	119	N/A	130	N/A	124	N/A	N/A	6404691

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG258		KQG261			KQG262			
Sampling Date										
	UNITS	19B-ARM-HEP-08	EDL	19B-ARM-HEP-09	EDL	RDL	19B-ARM-HEP-10	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	5.4	N/A	9.8	N/A	N/A	11	N/A	N/A	6394026
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.042	0.035	0.077	0.043	1.0	0.065	0.025	0.99	6404691
Naphthalene	ng/g	2.48	0.059	2.23	0.069	0.50	2.51	0.059	0.50	6404691
Acenaphthylene	ng/g	0.108	0.051	0.161	0.051	0.50	0.156	0.031	0.50	6404691
Acenaphthene	ng/g	0.347	0.040	0.750	0.057	0.50	0.394	0.051	0.50	6404691
Fluorene	ng/g	0.164	0.028	0.208	0.058	0.50	0.193	0.034	0.50	6404691
Phenanthrene	ng/g	0.447	0.052	0.468	0.047	0.50	0.608	0.059	0.50	6404691
Anthracene	ng/g	0.313	0.053	1.07	0.048	0.50	4.0	1.2	0.50	6404691
Fluoranthene	ng/g	0.118	0.062	0.111	0.023	0.50	0.141	0.044	0.50	6404691
Pyrene	ng/g	0.167	0.060	0.154	0.022	0.50	0.157	0.042	0.50	6404691
Benzo(a)anthracene	ng/g	0.057	0.040	0.063	0.034	0.50	0.069	0.045	0.50	6404691
Chrysene	ng/g	0.134	0.046	0.109	0.040	0.50	0.162	0.055	0.50	6404691
Benzo(k)fluoranthene	ng/g	<0.041	0.041	<0.051	0.051	0.50	<0.028	0.028	0.50	6404691
Benzo(a)pyrene	ng/g	0.061	0.051	<0.068	0.068	0.50	<0.037	0.037	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	<0.043	0.043	<0.040	0.040	0.50	<0.040	0.040	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	<0.044	0.044	<0.043	0.043	0.50	<0.040	0.040	0.50	6404691
Benzo(g,h,i)perylene	ng/g	0.059	0.046	<0.039	0.039	0.50	<0.041	0.041	0.50	6404691
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	97	N/A	87	N/A	N/A	110	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	110	N/A	122	N/A	N/A	131	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	106	N/A	102	N/A	N/A	111	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	110	N/A	104	N/A	N/A	122	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	104	N/A	111	N/A	N/A	114	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	106	N/A	114	N/A	N/A	109	N/A	N/A	6404691
Chrysene-2H12	%	99	N/A	102	N/A	N/A	99	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	100	N/A	94	N/A	N/A	100	N/A	N/A	6404691
Fluoranthene-2H10	%	108	N/A	114	N/A	N/A	117	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	108	N/A	104	N/A	N/A	111	N/A	N/A	6404691
Naphthalene-2H8	%	81 (1)	N/A	70 (1)	N/A	N/A	90 (1)	N/A	N/A	6404691
Perylene-2H12	%	103	N/A	101	N/A	N/A	109	N/A	N/A	6404691
Phenanthrene-2H10	%	127	N/A	130	N/A	N/A	131	N/A	N/A	6404691

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG262			KQG263		KQG264			
Sampling Date										
	UNITS	19B-ARM-HEP-10 Lab-Dup	EDL	RDL	19B-ARM-HEP-11	EDL	19B-ARM-HEP-12	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	N/A	N/A	N/A	9.5	N/A	5.9	N/A	N/A	6394026
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.062	0.037	1.0	0.101	0.040	<0.064	0.064	0.99	6404691
Naphthalene	ng/g	1.79	0.066	0.50	2.57	0.094	2.04	0.059	0.50	6404691
Acenaphthylene	ng/g	0.098	0.034	0.50	0.099	0.049	0.101	0.027	0.50	6404691
Acenaphthene	ng/g	0.357	0.032	0.50	0.298	0.070	0.179	0.096	0.50	6404691
Fluorene	ng/g	0.117	0.040	0.50	0.187	0.051	0.162	0.059	0.50	6404691
Phenanthrene	ng/g	0.303	0.045	0.50	0.565	0.049	0.514	0.098	0.50	6404691
Anthracene	ng/g	4.75 (1)	0.52	5.0	3.08	0.051	1.69	0.10	0.50	6404691
Fluoranthene	ng/g	0.110	0.036	0.50	0.177	0.037	0.122	0.046	0.50	6404691
Pyrene	ng/g	0.135	0.034	0.50	0.215	0.036	0.172	0.044	0.50	6404691
Benzo(a)anthracene	ng/g	0.054	0.039	0.50	0.071	0.047	0.088	0.059	0.50	6404691
Chrysene	ng/g	0.123	0.050	0.50	0.175	0.057	0.304	0.064	0.50	6404691
Benzo(k)fluoranthene	ng/g	<0.045	0.045	0.50	<0.047	0.047	<0.076	0.076	0.50	6404691
Benzo(a)pyrene	ng/g	<0.059	0.059	0.50	<0.060	0.060	<0.10	0.10	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	<0.055	0.055	0.50	<0.056	0.056	<0.057	0.057	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	<0.053	0.053	0.50	<0.069	0.069	<0.064	0.064	0.50	6404691
Benzo(g,h,i)perylene	ng/g	<0.058	0.058	0.50	<0.055	0.055	<0.060	0.060	0.50	6404691
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	114	N/A	N/A	101	N/A	92	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	123	N/A	N/A	119	N/A	111	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	107	N/A	N/A	99	N/A	99	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	116	N/A	N/A	109	N/A	100	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	104	N/A	N/A	108	N/A	90	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	102	N/A	N/A	103	N/A	110	N/A	N/A	6404691
Chrysene-2H12	%	97	N/A	N/A	100	N/A	103	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	102	N/A	N/A	88	N/A	83	N/A	N/A	6404691
Fluoranthene-2H10	%	106	N/A	N/A	112	N/A	111	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	106	N/A	N/A	101	N/A	90	N/A	N/A	6404691
Naphthalene-2H8	%	94 (2)	N/A	N/A	84 (2)	N/A	70 (2)	N/A	N/A	6404691
Perylene-2H12	%	109	N/A	N/A	101	N/A	102	N/A	N/A	6404691
Phenanthrene-2H10	%	130	N/A	N/A	124	N/A	122	N/A	N/A	6404691

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) from 10x dilution
(2) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG265		KQG268			KQG269			
Sampling Date										
	UNITS	19B-ARM-HEP-13	EDL	19B-ARM-HEP-14	EDL	RDL	19B-ARM-HEP-15	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	7.6	N/A	10	N/A	N/A	4.1	N/A	N/A	6394026
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.084	0.043	0.084	0.032	1.0	0.048	0.038	0.99	6404691
Naphthalene	ng/g	3.51	0.053	3.48	0.077	0.50	2.17	0.049	0.50	6404691
Acenaphthylene	ng/g	0.118	0.047	0.212	0.045	0.50	0.106	0.035	0.50	6404691
Acenaphthene	ng/g	0.265	0.065	0.701	0.067	0.50	0.185	0.077	0.50	6404691
Fluorene	ng/g	0.164	0.034	0.280	0.034	0.50	0.160	0.038	0.50	6404691
Phenanthrene	ng/g	0.495	0.060	0.759	0.069	0.50	0.436	0.066	0.50	6404691
Anthracene	ng/g	5.44	0.062	0.956	0.070	0.50	1.51	0.068	0.50	6404691
Fluoranthene	ng/g	0.308	0.025	0.139	0.024	0.50	0.105	0.053	0.50	6404691
Pyrene	ng/g	0.163	0.024	0.176	0.023	0.50	0.132	0.051	0.50	6404691
Benzo(a)anthracene	ng/g	0.072	0.038	0.061	0.060	0.50	0.057	0.031	0.50	6404691
Chrysene	ng/g	0.191	0.042	0.151	0.071	0.50	0.093	0.037	0.50	6404691
Benzo(k)fluoranthene	ng/g	<0.051	0.051	<0.036	0.036	0.50	<0.043	0.043	0.50	6404691
Benzo(a)pyrene	ng/g	<0.069	0.069	<0.048	0.048	0.50	<0.051	0.051	0.50	6404691
Indeno(1,2,3-cd)pyrene	ng/g	<0.053	0.053	<0.041	0.041	0.50	<0.050	0.050	0.50	6404691
Dibenzo(a,h)anthracene	ng/g	<0.070	0.070	<0.061	0.061	0.50	<0.052	0.052	0.50	6404691
Benzo(g,h,i)perylene	ng/g	<0.055	0.055	0.053	0.040	0.50	<0.051	0.051	0.50	6404691
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	86	N/A	99	N/A	N/A	100	N/A	N/A	6404691
Benz(a)anthracene-2H12	%	111	N/A	117	N/A	N/A	109	N/A	N/A	6404691
Benzo(a)pyrene-2H12	%	98	N/A	104	N/A	N/A	110	N/A	N/A	6404691
Benzo(b)fluoranthene-2H12	%	101	N/A	108	N/A	N/A	106	N/A	N/A	6404691
Benzo(g,h,i)perylene-2H12	%	100	N/A	113	N/A	N/A	127	N/A	N/A	6404691
Benzo(k)fluoranthene-2H12	%	106	N/A	109	N/A	N/A	111	N/A	N/A	6404691
Chrysene-2H12	%	88	N/A	100	N/A	N/A	94	N/A	N/A	6404691
Dibenzo(a,h)anthracene-2H14	%	97	N/A	96	N/A	N/A	102	N/A	N/A	6404691
Fluoranthene-2H10	%	110	N/A	117	N/A	N/A	114	N/A	N/A	6404691
Indeno(1,2,3-c,d)pyrene-2H12	%	94	N/A	100	N/A	N/A	111	N/A	N/A	6404691
Naphthalene-2H8	%	76 (1)	N/A	79 (1)	N/A	N/A	83 (1)	N/A	N/A	6404691
Perylene-2H12	%	102	N/A	106	N/A	N/A	111	N/A	N/A	6404691
Phenanthrene-2H10	%	127	N/A	124	N/A	N/A	131	N/A	N/A	6404691

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG270	KQG271	KQG273	KQG274	KQG284	
Sampling Date							
	UNITS	19B-ARM-HEP-16	19B-ARM-HEP-17	19B-ARM-HEP-18	19B-ARM-HEP-19	19B-ARM-HEP-20	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	3.7	11	14	8.7	8.1	6395801
QC Batch = Quality Control Batch							

BV Labs ID		KQG285	KQG286	KQG290	KQG304	KQG305	
Sampling Date							
	UNITS	19B-ARM-HEP-21	19B-ARM-HEP-22	19B-ARM-HEP-23	19B-ARM-HEP-24	19B-ARM-HEP-25	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	7.0	4.4	9.8	5.3	8.0	6395801
QC Batch = Quality Control Batch							

BV Labs ID		KQG306	KQG307	KQG311	KQG315	KQG326	
Sampling Date							
	UNITS	19B-ARM-HEP-26	19B-ARM-HEP-27	19B-ARM-HEP-28	19B-ARM-HEP-29	19B-ARM-HEP-30	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	7.7	7.1	17	14	15	6395801
QC Batch = Quality Control Batch							

BV Labs ID		KQG331	KQG332	KQG333	KQG339	KQG346	
Sampling Date							
	UNITS	19B-ARM-HEP-31	19B-ARM-HEP-32	19B-ARM-HEP-33	19B-ARM-HEP-34	19B-ARM-HEP-35	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	14	13	9.6	17	10	6403995
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG347	KQG348	KQG349	KQG362	KQG363	
Sampling Date							
	UNITS	19B-ARM-HEP-36	19B-ARM-HEP-37	19B-ARM-HEP-38	19B-ARM-HEP-39	19B-ARM-HEP-40	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	18	17	14	22	5.0	6403995
QC Batch = Quality Control Batch							

BV Labs ID		KQG364	KQG365	KQG366	KQG367	KQG371	
Sampling Date							
	UNITS	19B-ARM-HEP-41	19B-ARM-HEP-42	19B-ARM-HEP-43	19B-ARM-HEP-44	19B-ARM-HEP-45	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	10	11	24	11	11	6403995
QC Batch = Quality Control Batch							

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG380				KQG382			
Sampling Date									
	UNITS	19B-LNG-SOLE-01	EDL	RDL	QC Batch	19B-LNG-SOLE-02	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.60	N/A	N/A	6426168	0.90	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.27	0.27	0.99	6507189	<0.039	0.039	0.99	6523817
Naphthalene	ng/g	1.35	0.84	0.50	6507189	2.07	0.078	0.050	6523817
Acenaphthylene	ng/g	<0.53	0.53	0.50	6507189	0.091	0.040	0.050	6523817
Acenaphthene	ng/g	1.42	0.53	0.50	6507189	1.21	0.018	0.050	6523817
Fluorene	ng/g	4.82	0.27	0.50	6507189	0.740	0.032	0.050	6523817
Phenanthrene	ng/g	0.97	0.14	0.50	6507189	0.903	0.016	0.050	6523817
Anthracene	ng/g	<0.17	0.17	0.50	6507189	0.154	0.017	0.050	6523817
Fluoranthene	ng/g	<0.62	0.62	0.50	6507189	0.276	0.013	0.050	6523817
Pyrene	ng/g	<0.61	0.61	0.50	6507189	0.148	0.012	0.050	6523817
Benzo(a)anthracene	ng/g	<0.19	0.19	0.50	6507189	0.048	0.018	0.050	6523817
Chrysene	ng/g	<0.20	0.20	0.50	6507189	<0.019	0.019	0.050	6523817
Benzo(k)fluoranthene	ng/g	<0.26	0.26	0.50	6507189	<0.041	0.041	0.050	6523817
Benzo(a)pyrene	ng/g	<0.32	0.32	0.50	6507189	<0.054	0.054	0.050	6523817
Indeno(1,2,3-cd)pyrene	ng/g	<0.30	0.30	0.50	6507189	<0.070	0.070	0.050	6523817
Dibenzo(a,h)anthracene	ng/g	<0.29	0.29	0.50	6507189	<0.066	0.066	0.050	6523817
Benzo(g,h,i)perylene	ng/g	<0.26	0.26	0.50	6507189	<0.051	0.051	0.050	6523817
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	47	N/A	N/A	6507189	90	N/A	N/A	6523817
Benz(a)anthracene-2H12	%	58	N/A	N/A	6507189	88	N/A	N/A	6523817
Benzo(a)pyrene-2H12	%	53	N/A	N/A	6507189	105	N/A	N/A	6523817
Benzo(b)fluoranthene-2H12	%	51	N/A	N/A	6507189	101	N/A	N/A	6523817
Benzo(g,h,i)perylene-2H12	%	52	N/A	N/A	6507189	91	N/A	N/A	6523817
Benzo(k)fluoranthene-2H12	%	52	N/A	N/A	6507189	105	N/A	N/A	6523817
Chrysene-2H12	%	55	N/A	N/A	6507189	88	N/A	N/A	6523817
Dibenzo(a,h)anthracene-2H14	%	44	N/A	N/A	6507189	60	N/A	N/A	6523817
Fluoranthene-2H10	%	60	N/A	N/A	6507189	103	N/A	N/A	6523817
Indeno(1,2,3-c,d)pyrene-2H12	%	49	N/A	N/A	6507189	72	N/A	N/A	6523817
Naphthalene-2H8	%	43 (1)	N/A	N/A	6507189	113 (1)	N/A	N/A	6523817
Perylene-2H12	%	55	N/A	N/A	6507189	107	N/A	N/A	6523817
Phenanthrene-2H10	%	49	N/A	N/A	6507189	93	N/A	N/A	6523817

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG384				KQG388			
Sampling Date									
	UNITS	19B-LNG-SOLE-03	EDL	RDL	QC Batch	19B-LNG-SOLE-04	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.60	N/A	N/A	6426168	0.40	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.85	0.19	0.99	6507189	<0.070	0.070	0.98	6523817
Naphthalene	ng/g	3.28	0.95	0.50	6507189	1.67	0.059	0.049	6523817
Acenaphthylene	ng/g	<0.67	0.67	0.50	6507189	0.061	0.021	0.049	6523817
Acenaphthene	ng/g	0.93	0.55	0.50	6507189	0.836	0.038	0.049	6523817
Fluorene	ng/g	6.06	0.26	0.50	6507189	0.583	0.036	0.049	6523817
Phenanthrene	ng/g	3.27	0.50	0.50	6507189	0.736	0.049	0.049	6523817
Anthracene	ng/g	<0.59	0.59	0.50	6507189	0.107	0.054	0.049	6523817
Fluoranthene	ng/g	1.42	0.64	0.50	6507189	0.214	0.025	0.049	6523817
Pyrene	ng/g	1.18	0.63	0.50	6507189	0.115	0.023	0.049	6523817
Benzo(a)anthracene	ng/g	0.62	0.21	0.50	6507189	<0.044	0.044	0.049	6523817
Chrysene	ng/g	0.86	0.23	0.50	6507189	<0.043	0.043	0.049	6523817
Benzo(k)fluoranthene	ng/g	0.33	0.18	0.50	6507189	<0.057	0.057	0.049	6523817
Benzo(a)pyrene	ng/g	0.50	0.22	0.50	6507189	<0.081	0.081	0.049	6523817
Indeno(1,2,3-cd)pyrene	ng/g	0.34	0.24	0.50	6507189	<0.063	0.063	0.049	6523817
Dibenzo(a,h)anthracene	ng/g	<0.25	0.25	0.50	6507189	<0.092	0.092	0.049	6523817
Benzo(g,h,i)perylene	ng/g	0.61	0.24	0.50	6507189	<0.044	0.044	0.049	6523817
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	39	N/A	N/A	6507189	85	N/A	N/A	6523817
Benz(a)anthracene-2H12	%	53	N/A	N/A	6507189	80	N/A	N/A	6523817
Benzo(a)pyrene-2H12	%	56	N/A	N/A	6507189	95	N/A	N/A	6523817
Benzo(b)fluoranthene-2H12	%	56	N/A	N/A	6507189	74	N/A	N/A	6523817
Benzo(g,h,i)perylene-2H12	%	56	N/A	N/A	6507189	90	N/A	N/A	6523817
Benzo(k)fluoranthene-2H12	%	54	N/A	N/A	6507189	104	N/A	N/A	6523817
Chrysene-2H12	%	51	N/A	N/A	6507189	79	N/A	N/A	6523817
Dibenzo(a,h)anthracene-2H14	%	44	N/A	N/A	6507189	46	N/A	N/A	6523817
Fluoranthene-2H10	%	55	N/A	N/A	6507189	104	N/A	N/A	6523817
Indeno(1,2,3-c,d)pyrene-2H12	%	45	N/A	N/A	6507189	63	N/A	N/A	6523817
Naphthalene-2H8	%	39 (1)	N/A	N/A	6507189	97 (1)	N/A	N/A	6523817
Perylene-2H12	%	54	N/A	N/A	6507189	84	N/A	N/A	6523817
Phenanthrene-2H10	%	49	N/A	N/A	6507189	92	N/A	N/A	6523817

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG389				KQG393			
Sampling Date									
	UNITS	19B-LNG-SOLE-05	EDL	RDL	QC Batch	19B-LNG-SOLE-06	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.80	N/A	N/A	6426168	0.50	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.067	0.067	0.99	6523817	<0.19	0.19	1.0	6507189
Naphthalene	ng/g	1.74	0.13	0.050	6523817	1.67	0.79	0.50	6507189
Acenaphthylene	ng/g	0.075	0.050	0.050	6523817	<0.53	0.53	0.50	6507189
Acenaphthene	ng/g	1.39	0.069	0.050	6523817	<0.67	0.67	0.50	6507189
Fluorene	ng/g	0.652	0.034	0.050	6523817	3.83	0.26	0.50	6507189
Phenanthrene	ng/g	0.723	0.062	0.050	6523817	0.66	0.38	0.50	6507189
Anthracene	ng/g	0.098	0.068	0.050	6523817	<0.44	0.44	0.50	6507189
Fluoranthene	ng/g	0.225	0.034	0.050	6523817	<0.50	0.50	0.50	6507189
Pyrene	ng/g	0.136	0.032	0.050	6523817	<0.49	0.49	0.50	6507189
Benzo(a)anthracene	ng/g	<0.051	0.051	0.050	6523817	<0.15	0.15	0.50	6507189
Chrysene	ng/g	<0.047	0.047	0.050	6523817	<0.16	0.16	0.50	6507189
Benzo(k)fluoranthene	ng/g	<0.075	0.075	0.050	6523817	<0.18	0.18	0.50	6507189
Benzo(a)pyrene	ng/g	<0.093	0.093	0.050	6523817	<0.24	0.24	0.50	6507189
Indeno(1,2,3-cd)pyrene	ng/g	<0.10	0.10	0.050	6523817	<0.21	0.21	0.50	6507189
Dibenzo(a,h)anthracene	ng/g	<0.088	0.088	0.050	6523817	<0.19	0.19	0.50	6507189
Benzo(g,h,i)perylene	ng/g	<0.073	0.073	0.050	6523817	0.22	0.18	0.50	6507189
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	78	N/A	N/A	6523817	49	N/A	N/A	6507189
Benz(a)anthracene-2H12	%	70	N/A	N/A	6523817	67	N/A	N/A	6507189
Benzo(a)pyrene-2H12	%	109	N/A	N/A	6523817	71	N/A	N/A	6507189
Benzo(b)fluoranthene-2H12	%	112	N/A	N/A	6523817	69	N/A	N/A	6507189
Benzo(g,h,i)perylene-2H12	%	95	N/A	N/A	6523817	70	N/A	N/A	6507189
Benzo(k)fluoranthene-2H12	%	102	N/A	N/A	6523817	70	N/A	N/A	6507189
Chrysene-2H12	%	73	N/A	N/A	6523817	64	N/A	N/A	6507189
Dibenzo(a,h)anthracene-2H14	%	66	N/A	N/A	6523817	52	N/A	N/A	6507189
Fluoranthene-2H10	%	100	N/A	N/A	6523817	68	N/A	N/A	6507189
Indeno(1,2,3-c,d)pyrene-2H12	%	78	N/A	N/A	6523817	52	N/A	N/A	6507189
Naphthalene-2H8	%	91 (1)	N/A	N/A	6523817	48 (1)	N/A	N/A	6507189
Perylene-2H12	%	104	N/A	N/A	6523817	68	N/A	N/A	6507189
Phenanthrene-2H10	%	86	N/A	N/A	6523817	55	N/A	N/A	6507189

EDL = Estimated Detection Limit
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N/A = Not Applicable
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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG394				KQG410			
Sampling Date									
	UNITS	19B-LNG-SOLE-07	EDL	RDL	QC Batch	19B-LNG-SOLE-08	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.30	N/A	N/A	6426168	0.70	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.10	0.10	1.0	6523817	0.64	0.18	1.0	6507189
Naphthalene	ng/g	2.37	0.14	0.050	6523817	1.71	0.97	0.50	6507189
Acenaphthylene	ng/g	<0.090	0.090	0.050	6523817	<0.29	0.29	0.50	6507189
Acenaphthene	ng/g	1.11	0.065	0.050	6523817	1.42	0.34	0.50	6507189
Fluorene	ng/g	0.786	0.046	0.050	6523817	5.63	0.27	0.50	6507189
Phenanthrene	ng/g	1.04	0.054	0.050	6523817	4.52	0.16	0.50	6507189
Anthracene	ng/g	0.128	0.059	0.050	6523817	0.65	0.19	0.50	6507189
Fluoranthene	ng/g	0.457	0.045	0.050	6523817	2.15	0.51	0.50	6507189
Pyrene	ng/g	0.295	0.043	0.050	6523817	1.64	0.50	0.50	6507189
Benzo(a)anthracene	ng/g	0.099	0.080	0.050	6523817	0.53	0.14	0.50	6507189
Chrysene	ng/g	<0.080	0.080	0.050	6523817	0.45	0.15	0.50	6507189
Benzo(k)fluoranthene	ng/g	<0.11	0.11	0.050	6523817	<0.16	0.16	0.50	6507189
Benzo(a)pyrene	ng/g	<0.14	0.14	0.050	6523817	0.25	0.20	0.50	6507189
Indeno(1,2,3-cd)pyrene	ng/g	<0.053	0.053	0.050	6523817	0.21	0.17	0.50	6507189
Dibenzo(a,h)anthracene	ng/g	<0.053	0.053	0.050	6523817	<0.21	0.21	0.50	6507189
Benzo(g,h,i)perylene	ng/g	<0.045	0.045	0.050	6523817	0.61	0.14	0.50	6507189
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	94	N/A	N/A	6523817	45	N/A	N/A	6507189
Benz(a)anthracene-2H12	%	81	N/A	N/A	6523817	61	N/A	N/A	6507189
Benzo(a)pyrene-2H12	%	98	N/A	N/A	6523817	64	N/A	N/A	6507189
Benzo(b)fluoranthene-2H12	%	98	N/A	N/A	6523817	57	N/A	N/A	6507189
Benzo(g,h,i)perylene-2H12	%	92	N/A	N/A	6523817	60	N/A	N/A	6507189
Benzo(k)fluoranthene-2H12	%	104	N/A	N/A	6523817	64	N/A	N/A	6507189
Chrysene-2H12	%	79	N/A	N/A	6523817	64	N/A	N/A	6507189
Dibenzo(a,h)anthracene-2H14	%	61	N/A	N/A	6523817	50	N/A	N/A	6507189
Fluoranthene-2H10	%	99	N/A	N/A	6523817	65	N/A	N/A	6507189
Indeno(1,2,3-c,d)pyrene-2H12	%	75	N/A	N/A	6523817	51	N/A	N/A	6507189
Naphthalene-2H8	%	108 (1)	N/A	N/A	6523817	41 (1)	N/A	N/A	6507189
Perylene-2H12	%	106	N/A	N/A	6523817	62	N/A	N/A	6507189
Phenanthrene-2H10	%	95	N/A	N/A	6523817	51	N/A	N/A	6507189

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG413				KQG422			
Sampling Date									
	UNITS	19B-LNG-SOLE-09	EDL	RDL	QC Batch	19B-LNG-SOLE-10	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.70	N/A	N/A	6426168	0.40	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.31	0.31	0.99	6507189	<0.068	0.068	1.0	6523817
Naphthalene	ng/g	1.31	0.89	0.50	6507189	3.10	0.11	0.050	6523817
Acenaphthylene	ng/g	<0.57	0.57	0.50	6507189	0.089	0.046	0.050	6523817
Acenaphthene	ng/g	1.14	0.52	0.50	6507189	1.19	0.071	0.050	6523817
Fluorene	ng/g	5.36	0.43	0.50	6507189	0.778	0.065	0.050	6523817
Phenanthrene	ng/g	0.84	0.41	0.50	6507189	1.06	0.080	0.050	6523817
Anthracene	ng/g	<0.48	0.48	0.50	6507189	0.191	0.087	0.050	6523817
Fluoranthene	ng/g	<0.51	0.51	0.50	6507189	0.316	0.057	0.050	6523817
Pyrene	ng/g	<0.50	0.50	0.50	6507189	0.273	0.053	0.050	6523817
Benzo(a)anthracene	ng/g	<0.25	0.25	0.50	6507189	0.059	0.042	0.050	6523817
Chrysene	ng/g	<0.27	0.27	0.50	6507189	<0.043	0.043	0.050	6523817
Benzo(k)fluoranthene	ng/g	<0.32	0.32	0.50	6507189	<0.066	0.066	0.050	6523817
Benzo(a)pyrene	ng/g	<0.40	0.40	0.50	6507189	<0.086	0.086	0.050	6523817
Indeno(1,2,3-cd)pyrene	ng/g	<0.25	0.25	0.50	6507189	<0.082	0.082	0.050	6523817
Dibenzo(a,h)anthracene	ng/g	<0.23	0.23	0.50	6507189	<0.14	0.14	0.050	6523817
Benzo(g,h,i)perylene	ng/g	<0.26	0.26	0.50	6507189	<0.068	0.068	0.050	6523817
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	43	N/A	N/A	6507189	88	N/A	N/A	6523817
Benz(a)anthracene-2H12	%	59	N/A	N/A	6507189	70	N/A	N/A	6523817
Benzo(a)pyrene-2H12	%	56	N/A	N/A	6507189	104	N/A	N/A	6523817
Benzo(b)fluoranthene-2H12	%	56	N/A	N/A	6507189	93	N/A	N/A	6523817
Benzo(g,h,i)perylene-2H12	%	55	N/A	N/A	6507189	75	N/A	N/A	6523817
Benzo(k)fluoranthene-2H12	%	53	N/A	N/A	6507189	98	N/A	N/A	6523817
Chrysene-2H12	%	56	N/A	N/A	6507189	67	N/A	N/A	6523817
Dibenzo(a,h)anthracene-2H14	%	45	N/A	N/A	6507189	55	N/A	N/A	6523817
Fluoranthene-2H10	%	56	N/A	N/A	6507189	93	N/A	N/A	6523817
Indeno(1,2,3-c,d)pyrene-2H12	%	48	N/A	N/A	6507189	63	N/A	N/A	6523817
Naphthalene-2H8	%	51 (1)	N/A	N/A	6507189	111 (1)	N/A	N/A	6523817
Perylene-2H12	%	55	N/A	N/A	6507189	99	N/A	N/A	6523817
Phenanthrene-2H10	%	50	N/A	N/A	6507189	80	N/A	N/A	6523817

EDL = Estimated Detection Limit
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(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG423				KQG425			
Sampling Date									
	UNITS	19B-LNG-SOLE-11	EDL	RDL	QC Batch	19B-LNG-SOLE-12	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.90	N/A	N/A	6426168	0.50	N/A	N/A	6426168
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	0.099	0.094	0.99	6523817	<0.19	0.19	0.99	6507189
Naphthalene	ng/g	1.92	0.11	0.049	6523817	1.52	0.90	0.50	6507189
Acenaphthylene	ng/g	0.054	0.053	0.019	6523817	<0.51	0.51	0.50	6507189
Acenaphthene	ng/g	0.650	0.052	0.049	6523817	0.70	0.53	0.50	6507189
Fluorene	ng/g	0.58	0.11	0.049	6523817	9.22	0.31	0.50	6507189
Phenanthrene	ng/g	0.804	0.047	0.049	6523817	1.04	0.45	0.50	6507189
Anthracene	ng/g	0.097	0.051	0.049	6523817	<0.53	0.53	0.50	6507189
Fluoranthene	ng/g	0.231	0.067	0.049	6523817	<0.61	0.61	0.50	6507189
Pyrene	ng/g	0.215	0.063	0.049	6523817	<0.60	0.60	0.50	6507189
Benzo(a)anthracene	ng/g	<0.044	0.044	0.049	6523817	<0.23	0.23	0.50	6507189
Chrysene	ng/g	<0.048	0.048	0.049	6523817	<0.24	0.24	0.50	6507189
Benzo(k)fluoranthene	ng/g	<0.068	0.068	0.049	6523817	<0.18	0.18	0.50	6507189
Benzo(a)pyrene	ng/g	<0.075	0.075	0.049	6523817	<0.24	0.24	0.50	6507189
Indeno(1,2,3-cd)pyrene	ng/g	<0.059	0.059	0.049	6523817	<0.26	0.26	0.50	6507189
Dibenzo(a,h)anthracene	ng/g	<0.058	0.058	0.049	6523817	<0.20	0.20	0.50	6507189
Benzo(g,h,i)perylene	ng/g	<0.043	0.043	0.049	6523817	0.47	0.21	0.50	6507189
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	88	N/A	N/A	6523817	43	N/A	N/A	6507189
Benz(a)anthracene-2H12	%	86	N/A	N/A	6523817	61	N/A	N/A	6507189
Benzo(a)pyrene-2H12	%	110	N/A	N/A	6523817	59	N/A	N/A	6507189
Benzo(b)fluoranthene-2H12	%	75	N/A	N/A	6523817	61	N/A	N/A	6507189
Benzo(g,h,i)perylene-2H12	%	86	N/A	N/A	6523817	63	N/A	N/A	6507189
Benzo(k)fluoranthene-2H12	%	90	N/A	N/A	6523817	59	N/A	N/A	6507189
Chrysene-2H12	%	80	N/A	N/A	6523817	59	N/A	N/A	6507189
Dibenzo(a,h)anthracene-2H14	%	58	N/A	N/A	6523817	50	N/A	N/A	6507189
Fluoranthene-2H10	%	105	N/A	N/A	6523817	60	N/A	N/A	6507189
Indeno(1,2,3-c,d)pyrene-2H12	%	65	N/A	N/A	6523817	49	N/A	N/A	6507189
Naphthalene-2H8	%	103 (1)	N/A	N/A	6523817	44 (1)	N/A	N/A	6507189
Perylene-2H12	%	107	N/A	N/A	6523817	60	N/A	N/A	6507189
Phenanthrene-2H10	%	96	N/A	N/A	6523817	50	N/A	N/A	6507189

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG425			KQG456		KQG470			
Sampling Date										
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	19B-LNG-SOLE-13	EDL	19B-LNG-SOLE-14	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	N/A	N/A	N/A	0.70	N/A	1.0	N/A	N/A	6426168
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.40	0.40	1.0	<0.35	0.35	<0.29	0.29	0.99	6507189
Naphthalene	ng/g	2.4	1.5	0.50	1.8	1.1	1.62	0.93	0.50	6507189
Acenaphthylene	ng/g	<1.1	1.1	0.50	<0.85	0.85	<0.71	0.71	0.50	6507189
Acenaphthene	ng/g	1.16	0.46	0.50	1.86	0.67	1.50	0.52	0.50	6507189
Fluorene	ng/g	12.2	0.52	0.50	12.5	0.40	14.8	0.35	0.50	6507189
Phenanthrene	ng/g	0.93	0.65	0.50	1.20	0.41	0.94	0.21	0.50	6507189
Anthracene	ng/g	<0.76	0.76	0.50	<0.48	0.48	<0.25	0.25	0.50	6507189
Fluoranthene	ng/g	<0.88	0.88	0.50	<1.0	1.0	<0.67	0.67	0.50	6507189
Pyrene	ng/g	<0.86	0.86	0.50	<0.99	0.99	<0.66	0.66	0.50	6507189
Benzo(a)anthracene	ng/g	<0.46	0.46	0.50	<0.26	0.26	<0.24	0.24	0.50	6507189
Chrysene	ng/g	<0.45	0.45	0.50	<0.25	0.25	<0.23	0.23	0.50	6507189
Benzo(k)fluoranthene	ng/g	<0.36	0.36	0.50	<0.32	0.32	<0.24	0.24	0.50	6507189
Benzo(a)pyrene	ng/g	<0.51	0.51	0.50	<0.51	0.51	<0.42	0.42	0.50	6507189
Indeno(1,2,3-cd)pyrene	ng/g	<0.32	0.32	0.50	<0.29	0.29	<0.29	0.29	0.50	6507189
Dibenzo(a,h)anthracene	ng/g	<0.45	0.45	0.50	<0.29	0.29	<0.23	0.23	0.50	6507189
Benzo(g,h,i)perylene	ng/g	0.64	0.35	0.50	<0.32	0.32	1.02	0.26	0.50	6507189
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	25	N/A	N/A	29	N/A	30	N/A	N/A	6507189
Benz(a)anthracene-2H12	%	42	N/A	N/A	53	N/A	53	N/A	N/A	6507189
Benzo(a)pyrene-2H12	%	39	N/A	N/A	50	N/A	45	N/A	N/A	6507189
Benzo(b)fluoranthene-2H12	%	41	N/A	N/A	58	N/A	56	N/A	N/A	6507189
Benzo(g,h,i)perylene-2H12	%	36	N/A	N/A	57	N/A	53	N/A	N/A	6507189
Benzo(k)fluoranthene-2H12	%	42	N/A	N/A	59	N/A	60	N/A	N/A	6507189
Chrysene-2H12	%	41	N/A	N/A	56	N/A	53	N/A	N/A	6507189
Dibenzo(a,h)anthracene-2H14	%	29	N/A	N/A	46	N/A	45	N/A	N/A	6507189
Fluoranthene-2H10	%	43	N/A	N/A	54	N/A	54	N/A	N/A	6507189
Indeno(1,2,3-c,d)pyrene-2H12	%	34	N/A	N/A	50	N/A	46	N/A	N/A	6507189
Naphthalene-2H8	%	30 (1)	N/A	N/A	38 (1)	N/A	39 (1)	N/A	N/A	6507189
Perylene-2H12	%	33	N/A	N/A	54	N/A	53	N/A	N/A	6507189
Phenanthrene-2H10	%	35	N/A	N/A	44	N/A	39	N/A	N/A	6507189

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG492				KQG499			
Sampling Date									
	UNITS	19B-LNG-SOLE-15	EDL	RDL	QC Batch	19B-VIL-SOLE-01	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.50	N/A	N/A	6426168	1.0	N/A	N/A	6433446
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.39	0.39	1.0	6507189	0.047	0.038	0.99	6520612
Naphthalene	ng/g	2.5	1.4	0.50	6507189	2.06	0.098	0.50	6520612
Acenaphthylene	ng/g	<0.85	0.85	0.50	6507189	0.059	0.048	0.50	6520612
Acenaphthene	ng/g	1.32	0.30	0.50	6507189	0.407	0.059	0.50	6520612
Fluorene	ng/g	14.8	0.51	0.50	6507189	0.355	0.051	0.50	6520612
Phenanthrene	ng/g	1.14	0.59	0.50	6507189	0.532	0.074	0.50	6520612
Anthracene	ng/g	<0.69	0.69	0.50	6507189	<0.082	0.082	0.50	6520612
Fluoranthene	ng/g	<1.2	1.2	0.50	6507189	0.203	0.036	0.50	6520612
Pyrene	ng/g	<1.2	1.2	0.50	6507189	0.139	0.036	0.50	6520612
Benzo(a)anthracene	ng/g	<0.49	0.49	0.50	6507189	0.037	0.036	0.50	6520612
Chrysene	ng/g	<5.4	5.4	0.50	6507189	0.045	0.038	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.34	0.34	0.50	6507189	<0.039	0.039	0.50	6520612
Benzo(a)pyrene	ng/g	<0.54	0.54	0.50	6507189	<0.051	0.051	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.33	0.33	0.50	6507189	<0.050	0.050	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.28	0.28	0.50	6507189	<0.099	0.099	0.50	6520612
Benzo(g,h,i)perylene	ng/g	0.66	0.32	0.50	6507189	<0.032	0.032	0.50	6520612
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	38	N/A	N/A	6507189	116	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	57	N/A	N/A	6507189	95	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	50	N/A	N/A	6507189	99	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	53	N/A	N/A	6507189	93	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	52	N/A	N/A	6507189	99	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	56	N/A	N/A	6507189	95	N/A	N/A	6520612
Chrysene-2H12	%	52	N/A	N/A	6507189	103	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	44	N/A	N/A	6507189	75	N/A	N/A	6520612
Fluoranthene-2H10	%	53	N/A	N/A	6507189	101	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	43	N/A	N/A	6507189	70	N/A	N/A	6520612
Naphthalene-2H8	%	37 (1)	N/A	N/A	6507189	96 (1)	N/A	N/A	6520612
Perylene-2H12	%	51	N/A	N/A	6507189	107	N/A	N/A	6520612
Phenanthrene-2H10	%	44	N/A	N/A	6507189	92	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG503		KQG525		KQG567			
Sampling Date									
	UNITS	19B-VIL-SOLE-04	EDL	19B-VIL-SOLE-06	EDL	19B-VIL-SOLE-07 + 10	EDL	RDL	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.90	N/A	0.40	N/A	1.2	N/A	N/A	6433446
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.061	0.061	<0.043	0.043	<0.069	0.069	1.0	6520612
Naphthalene	ng/g	2.54	0.12	1.97	0.058	2.78	0.095	0.50	6520612
Acenaphthylene	ng/g	0.088	0.040	0.067	0.047	0.073	0.043	0.50	6520612
Acenaphthene	ng/g	0.413	0.068	0.226	0.045	0.285	0.048	0.50	6520612
Fluorene	ng/g	0.507	0.039	0.247	0.048	0.387	0.067	0.50	6520612
Phenanthrene	ng/g	0.872	0.062	0.443	0.044	0.661	0.064	0.50	6520612
Anthracene	ng/g	0.101	0.069	<0.049	0.049	0.079	0.071	0.50	6520612
Fluoranthene	ng/g	0.332	0.037	0.145	0.046	0.184	0.041	0.50	6520612
Pyrene	ng/g	0.270	0.037	0.138	0.045	0.181	0.041	0.50	6520612
Benzo(a)anthracene	ng/g	0.049	0.044	<0.058	0.058	<0.060	0.060	0.50	6520612
Chrysene	ng/g	<0.050	0.050	<0.064	0.064	<0.066	0.066	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.052	0.052	<0.042	0.042	<0.075	0.075	0.50	6520612
Benzo(a)pyrene	ng/g	<0.070	0.070	<0.058	0.058	<0.098	0.098	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.067	0.067	<0.039	0.039	<0.045	0.045	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.079	0.079	<0.042	0.042	<0.072	0.072	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.052	0.052	<0.034	0.034	<0.039	0.039	0.50	6520612
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	133	N/A	118	N/A	119	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	96	N/A	91	N/A	91	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	124	N/A	104	N/A	95	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	103	N/A	99	N/A	90	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	118	N/A	94	N/A	91	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	113	N/A	95	N/A	96	N/A	N/A	6520612
Chrysene-2H12	%	88	N/A	97	N/A	93	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	90	N/A	80	N/A	79	N/A	N/A	6520612
Fluoranthene-2H10	%	96	N/A	99	N/A	98	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	93	N/A	83	N/A	83	N/A	N/A	6520612
Naphthalene-2H8	%	115 (1)	N/A	104 (1)	N/A	97 (1)	N/A	N/A	6520612
Perylene-2H12	%	104	N/A	101	N/A	95	N/A	N/A	6520612
Phenanthrene-2H10	%	95	N/A	97	N/A	94	N/A	N/A	6520612

EDL = Estimated Detection Limit
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N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG569		KQG579			KQG584			
Sampling Date										
	UNITS	19B-VIL-SOLE-08	EDL	19B-VIL-SOLE-09	EDL	RDL	19B-VIL-SOLE-11 +14	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.40	N/A	0.60	N/A	N/A	1.1	N/A	N/A	6433446
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.058	0.058	0.095	0.069	0.99	<0.061	0.061	1.0	6520612
Naphthalene	ng/g	1.95	0.088	2.72	0.12	0.50	2.51	0.090	0.50	6520612
Acenaphthylene	ng/g	<0.061	0.061	0.071	0.039	0.50	0.086	0.081	0.50	6520612
Acenaphthene	ng/g	0.349	0.052	0.453	0.055	0.50	0.382	0.086	0.50	6520612
Fluorene	ng/g	0.277	0.043	0.48	0.11	0.50	0.318	0.085	0.50	6520612
Phenanthrene	ng/g	0.434	0.058	0.702	0.056	0.50	0.508	0.078	0.50	6520612
Anthracene	ng/g	<0.065	0.065	0.121	0.062	0.50	<0.086	0.086	0.50	6520612
Fluoranthene	ng/g	0.126	0.028	0.201	0.043	0.50	0.156	0.081	0.50	6520612
Pyrene	ng/g	0.130	0.028	0.192	0.042	0.50	0.163	0.080	0.50	6520612
Benzo(a)anthracene	ng/g	<0.034	0.034	<0.048	0.048	0.50	<0.053	0.053	0.50	6520612
Chrysene	ng/g	0.060	0.035	0.060	0.048	0.50	<0.061	0.061	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.068	0.068	<0.061	0.061	0.50	<0.058	0.058	0.50	6520612
Benzo(a)pyrene	ng/g	<0.078	0.078	<0.087	0.087	0.50	<0.079	0.079	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.050	0.050	<0.088	0.088	0.50	<0.055	0.055	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.079	0.079	<0.20	0.20	0.50	<0.068	0.068	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.041	0.041	<0.069	0.069	0.50	<0.040	0.040	0.50	6520612
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	98	N/A	85	N/A	N/A	95	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	96	N/A	79	N/A	N/A	96	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	101	N/A	88	N/A	N/A	105	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	90	N/A	78	N/A	N/A	93	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	101	N/A	86	N/A	N/A	97	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	93	N/A	88	N/A	N/A	99	N/A	N/A	6520612
Chrysene-2H12	%	93	N/A	92	N/A	N/A	95	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	80	N/A	65	N/A	N/A	64	N/A	N/A	6520612
Fluoranthene-2H10	%	96	N/A	88	N/A	N/A	90	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	84	N/A	64	N/A	N/A	75	N/A	N/A	6520612
Naphthalene-2H8	%	93 (1)	N/A	94 (1)	N/A	N/A	98 (1)	N/A	N/A	6520612
Perylene-2H12	%	99	N/A	76	N/A	N/A	93	N/A	N/A	6520612
Phenanthrene-2H10	%	97	N/A	76	N/A	N/A	83	N/A	N/A	6520612

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG587		KQG590			KQG593			
Sampling Date										
	UNITS	19B-VIL-SOLE-12	EDL	19B-VIL-SOLE-13	EDL	RDL	19B-VIL-SOLE-15 + 16	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.60	N/A	0.80	N/A	N/A	0.40	N/A	N/A	6433446
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.057	0.057	<0.067	0.067	1.0	<0.069	0.069	0.99	6520612
Naphthalene	ng/g	1.83	0.066	2.30	0.085	0.50	2.45	0.091	0.50	6520612
Acenaphthylene	ng/g	0.043	0.042	<0.074	0.074	0.50	0.074	0.049	0.50	6520612
Acenaphthene	ng/g	0.337	0.072	0.77	0.12	0.50	0.304	0.080	0.50	6520612
Fluorene	ng/g	0.329	0.047	0.437	0.081	0.50	0.384	0.054	0.50	6520612
Phenanthrene	ng/g	0.502	0.056	0.712	0.035	0.50	0.638	0.060	0.50	6520612
Anthracene	ng/g	<0.062	0.062	0.105	0.039	0.50	0.102	0.067	0.50	6520612
Fluoranthene	ng/g	0.184	0.040	0.259	0.038	0.50	0.203	0.028	0.50	6520612
Pyrene	ng/g	0.121	0.039	0.185	0.038	0.50	0.163	0.028	0.50	6520612
Benzo(a)anthracene	ng/g	<0.056	0.056	<0.067	0.067	0.50	<0.040	0.040	0.50	6520612
Chrysene	ng/g	<0.063	0.063	<0.070	0.070	0.50	0.072	0.043	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.055	0.055	<0.059	0.059	0.50	<0.069	0.069	0.50	6520612
Benzo(a)pyrene	ng/g	<0.081	0.081	<0.088	0.088	0.50	<0.10	0.10	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.060	0.060	<0.11	0.11	0.50	<0.090	0.090	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.048	0.048	<0.096	0.096	0.50	<0.082	0.082	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.042	0.042	<0.069	0.069	0.50	<0.073	0.073	0.50	6520612
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	102	N/A	80	N/A	N/A	102	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	97	N/A	91	N/A	N/A	88	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	88	N/A	88	N/A	N/A	93	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	91	N/A	96	N/A	N/A	91	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	100	N/A	95	N/A	N/A	89	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	104	N/A	105	N/A	N/A	94	N/A	N/A	6520612
Chrysene-2H12	%	103	N/A	98	N/A	N/A	93	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	68	N/A	73	N/A	N/A	76	N/A	N/A	6520612
Fluoranthene-2H10	%	104	N/A	104	N/A	N/A	93	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	69	N/A	66	N/A	N/A	71	N/A	N/A	6520612
Naphthalene-2H8	%	108 (1)	N/A	85 (1)	N/A	N/A	105 (1)	N/A	N/A	6520612
Perylene-2H12	%	104	N/A	84	N/A	N/A	85	N/A	N/A	6520612
Phenanthrene-2H10	%	86	N/A	95	N/A	N/A	82	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG594			KQG613			KQG614			
Sampling Date											
	UNITS	19B-VIL-SOLE-17	EDL	RDL	19B-VIL-SOLE-18 + 19	EDL	RDL	19B-VIL-SOLE-20	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	0.60	N/A	N/A	0.50	N/A	N/A	0.50	N/A	N/A	6433446
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.049	0.049	0.99	<0.058	0.058	1.0	<0.056	0.056	0.99	6520612
Naphthalene	ng/g	1.72	0.071	0.50	2.09	0.078	0.50	1.75	0.076	0.50	6520612
Acenaphthylene	ng/g	<0.066	0.066	0.50	0.098	0.076	0.50	<0.051	0.051	0.50	6520612
Acenaphthene	ng/g	0.452	0.046	0.50	0.381	0.064	0.50	0.420	0.059	0.50	6520612
Fluorene	ng/g	0.342	0.043	0.50	0.259	0.047	0.50	0.343	0.045	0.50	6520612
Phenanthrene	ng/g	0.609	0.052	0.50	0.459	0.050	0.50	0.524	0.042	0.50	6520612
Anthracene	ng/g	0.087	0.058	0.50	<0.056	0.056	0.50	0.091	0.046	0.50	6520612
Fluoranthene	ng/g	0.231	0.032	0.50	0.128	0.053	0.50	0.173	0.046	0.50	6520612
Pyrene	ng/g	0.118	0.031	0.50	0.154	0.052	0.50	0.098	0.045	0.50	6520612
Benzo(a)anthracene	ng/g	<0.035	0.035	0.50	<0.028	0.028	0.50	<0.050	0.050	0.50	6520612
Chrysene	ng/g	0.046	0.042	0.50	0.056	0.030	0.50	<0.055	0.055	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.041	0.041	0.50	<0.060	0.060	0.50	<0.053	0.053	0.50	6520612
Benzo(a)pyrene	ng/g	<0.055	0.055	0.50	<0.078	0.078	0.50	<0.065	0.065	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.075	0.075	0.50	<0.069	0.069	0.50	<0.047	0.047	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.068	0.068	0.50	<0.051	0.051	0.50	<0.072	0.072	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.062	0.062	0.50	<0.056	0.056	0.50	<0.033	0.033	0.50	6520612
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	102	N/A	N/A	99	N/A	N/A	93	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	98	N/A	N/A	100	N/A	N/A	88	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	103	N/A	N/A	95	N/A	N/A	112	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	84	N/A	N/A	91	N/A	N/A	89	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	89	N/A	N/A	92	N/A	N/A	90	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	106	N/A	N/A	99	N/A	N/A	100	N/A	N/A	6520612
Chrysene-2H12	%	100	N/A	N/A	105	N/A	N/A	94	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	72	N/A	N/A	79	N/A	N/A	72	N/A	N/A	6520612
Fluoranthene-2H10	%	106	N/A	N/A	108	N/A	N/A	103	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	74	N/A	N/A	81	N/A	N/A	73	N/A	N/A	6520612
Naphthalene-2H8	%	107 (1)	N/A	N/A	99 (1)	N/A	N/A	91 (1)	N/A	N/A	6520612
Perylene-2H12	%	98	N/A	N/A	79	N/A	N/A	96	N/A	N/A	6520612
Phenanthrene-2H10	%	91	N/A	N/A	102	N/A	N/A	90	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG614			KQG616			KQG618			
Sampling Date											
	UNITS	19B-VIL-SOLE-20 Lab-Dup	EDL	RDL	19B-VIL-SOLE-23	EDL	RDL	19B-VIL-SOLE-27	EDL	RDL	QC Batch
Miscellaneous Parameters											
Fat (gravimetric)	%	N/A	N/A	N/A	0.60	N/A	N/A	0.20	N/A	N/A	6433446
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.035	0.035	1.0	0.038	0.028	0.99	<0.046	0.046	1.0	6520612
Naphthalene	ng/g	2.18	0.096	0.50	2.11	0.094	0.50	1.95	0.046	0.50	6520612
Acenaphthylene	ng/g	0.075	0.021	0.50	0.083	0.023	0.50	0.0635	0.0087	0.50	6520612
Acenaphthene	ng/g	0.682	0.032	0.50	0.244	0.037	0.50	0.237	0.028	0.50	6520612
Fluorene	ng/g	0.409	0.024	0.50	0.227	0.035	0.50	0.251	0.026	0.50	6520612
Phenanthrene	ng/g	0.618	0.031	0.50	0.364	0.020	0.50	0.510	0.019	0.50	6520612
Anthracene	ng/g	0.122	0.035	0.50	0.052	0.022	0.50	0.063	0.021	0.50	6520612
Fluoranthene	ng/g	0.192	0.013	0.50	0.130	0.017	0.50	0.169	0.017	0.50	6520612
Pyrene	ng/g	0.155	0.013	0.50	0.117	0.017	0.50	0.132	0.017	0.50	6520612
Benzo(a)anthracene	ng/g	0.044	0.016	0.50	0.024	0.014	0.50	<0.035	0.035	0.50	6520612
Chrysene	ng/g	0.028	0.017	0.50	0.050	0.017	0.50	0.059	0.040	0.50	6520612
Benzo(k)fluoranthene	ng/g	<0.036	0.036	0.50	<0.026	0.026	0.50	<0.047	0.047	0.50	6520612
Benzo(a)pyrene	ng/g	<0.046	0.046	0.50	<0.036	0.036	0.50	<0.060	0.060	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.048	0.048	0.50	<0.015	0.015	0.50	<0.040	0.040	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.044	0.044	0.50	<0.027	0.027	0.50	<0.023	0.023	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.037	0.037	0.50	0.026	0.012	0.50	<0.028	0.028	0.50	6520612
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	94	N/A	N/A	91	N/A	N/A	99	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	95	N/A	N/A	90	N/A	N/A	87	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	97	N/A	N/A	99	N/A	N/A	110	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	83	N/A	N/A	78	N/A	N/A	95	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	88	N/A	N/A	83	N/A	N/A	103	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	92	N/A	N/A	89	N/A	N/A	111	N/A	N/A	6520612
Chrysene-2H12	%	103	N/A	N/A	84	N/A	N/A	90	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	69	N/A	N/A	79	N/A	N/A	71	N/A	N/A	6520612
Fluoranthene-2H10	%	107	N/A	N/A	101	N/A	N/A	104	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	68	N/A	N/A	71	N/A	N/A	72	N/A	N/A	6520612
Naphthalene-2H8	%	104 (1)	N/A	N/A	95 (1)	N/A	N/A	114 (1)	N/A	N/A	6520612
Perylene-2H12	%	89	N/A	N/A	89	N/A	N/A	83	N/A	N/A	6520612
Phenanthrene-2H10	%	92	N/A	N/A	96	N/A	N/A	93	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG619		KQG622			KQG623			
Sampling Date										
	UNITS	19B-ARM-SOLE-01	EDL	19B-ARM-SOLE-02 +7	EDL	RDL	19B-ARM-SOLE-03 +15	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.90	N/A	0.60	N/A	N/A	0.70	N/A	N/A	6433446
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	0.052	0.018	<0.043	0.043	1.0	0.049	0.023	0.99	6520612
Naphthalene	ng/g	2.04	0.060	1.75	0.076	0.50	1.86	0.076	0.50	6520612
Acenaphthylene	ng/g	0.041	0.013	0.043	0.022	0.50	0.046	0.012	0.50	6520612
Acenaphthene	ng/g	0.095	0.027	0.092	0.023	0.50	0.105	0.015	0.50	6520612
Fluorene	ng/g	0.218	0.019	0.157	0.026	0.50	0.191	0.021	0.50	6520612
Phenanthrene	ng/g	0.430	0.014	0.348	0.023	0.50	0.393	0.018	0.50	6520612
Anthracene	ng/g	0.048	0.015	0.043	0.025	0.50	0.066	0.020	0.50	6520612
Fluoranthene	ng/g	0.114	0.018	0.111	0.017	0.50	0.106	0.016	0.50	6520612
Pyrene	ng/g	0.114	0.018	0.122	0.017	0.50	0.112	0.015	0.50	6520612
Benzo(a)anthracene	ng/g	0.035	0.011	0.034	0.013	0.50	0.025	0.015	0.50	6520612
Chrysene	ng/g	0.037	0.012	0.023	0.013	0.50	0.031	0.017	0.50	6520612
Benzo(k)fluoranthene	ng/g	0.026	0.017	<0.040	0.040	0.50	<0.021	0.021	0.50	6520612
Benzo(a)pyrene	ng/g	<0.023	0.023	<0.045	0.045	0.50	<0.033	0.033	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.027	0.027	<0.024	0.024	0.50	<0.031	0.031	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.031	0.031	<0.050	0.050	0.50	<0.037	0.037	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.020	0.020	0.020	0.018	0.50	<0.026	0.026	0.50	6520612
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	99	N/A	102	N/A	N/A	97	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	93	N/A	96	N/A	N/A	90	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	89	N/A	115	N/A	N/A	90	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	92	N/A	92	N/A	N/A	81	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	93	N/A	84	N/A	N/A	85	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	102	N/A	100	N/A	N/A	91	N/A	N/A	6520612
Chrysene-2H12	%	93	N/A	108	N/A	N/A	94	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	72	N/A	69	N/A	N/A	67	N/A	N/A	6520612
Fluoranthene-2H10	%	97	N/A	100	N/A	N/A	92	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	76	N/A	66	N/A	N/A	73	N/A	N/A	6520612
Naphthalene-2H8	%	107 (1)	N/A	107 (1)	N/A	N/A	91 (1)	N/A	N/A	6520612
Perylene-2H12	%	78	N/A	92	N/A	N/A	88	N/A	N/A	6520612
Phenanthrene-2H10	%	83	N/A	92	N/A	N/A	82	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG642			KQG648			
Sampling Date								
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	19B-ARM-SOLE-06 +14	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.40	N/A	N/A	0.60	N/A	N/A	6433446
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	0.056	0.015	0.99	0.100	0.020	1.0	6520612
Naphthalene	ng/g	2.32	0.081	0.50	2.84	0.082	0.50	6520612
Acenaphthylene	ng/g	0.062	0.022	0.50	0.088	0.018	0.50	6520612
Acenaphthene	ng/g	0.140	0.026	0.50	0.160	0.022	0.50	6520612
Fluorene	ng/g	0.236	0.023	0.50	0.352	0.015	0.50	6520612
Phenanthrene	ng/g	0.498	0.019	0.50	0.527	0.017	0.50	6520612
Anthracene	ng/g	0.094	0.021	0.50	0.070	0.019	0.50	6520612
Fluoranthene	ng/g	0.146	0.012	0.50	0.176	0.013	0.50	6520612
Pyrene	ng/g	0.161	0.012	0.50	0.168	0.013	0.50	6520612
Benzo(a)anthracene	ng/g	0.0585	0.0097	0.50	0.047	0.017	0.50	6520612
Chrysene	ng/g	0.0576	0.0097	0.50	0.053	0.017	0.50	6520612
Benzo(k)fluoranthene	ng/g	0.032	0.016	0.50	<0.019	0.019	0.50	6520612
Benzo(a)pyrene	ng/g	<0.021	0.021	0.50	0.044	0.023	0.50	6520612
Indeno(1,2,3-cd)pyrene	ng/g	<0.031	0.031	0.50	<0.029	0.029	0.50	6520612
Dibenzo(a,h)anthracene	ng/g	<0.054	0.054	0.50	<0.054	0.054	0.50	6520612
Benzo(g,h,i)perylene	ng/g	<0.026	0.026	0.50	0.032	0.020	0.50	6520612
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	94	N/A	N/A	95	N/A	N/A	6520612
Benz(a)anthracene-2H12	%	93	N/A	N/A	81	N/A	N/A	6520612
Benzo(a)pyrene-2H12	%	106	N/A	N/A	109	N/A	N/A	6520612
Benzo(b)fluoranthene-2H12	%	105	N/A	N/A	93	N/A	N/A	6520612
Benzo(g,h,i)perylene-2H12	%	109	N/A	N/A	102	N/A	N/A	6520612
Benzo(k)fluoranthene-2H12	%	108	N/A	N/A	98	N/A	N/A	6520612
Chrysene-2H12	%	101	N/A	N/A	95	N/A	N/A	6520612
Dibenzo(a,h)anthracene-2H14	%	73	N/A	N/A	68	N/A	N/A	6520612
Fluoranthene-2H10	%	106	N/A	N/A	96	N/A	N/A	6520612
Indeno(1,2,3-c,d)pyrene-2H12	%	79	N/A	N/A	69	N/A	N/A	6520612
Naphthalene-2H8	%	108 (1)	N/A	N/A	94 (1)	N/A	N/A	6520612
Perylene-2H12	%	103	N/A	N/A	89	N/A	N/A	6520612
Phenanthrene-2H10	%	95	N/A	N/A	92	N/A	N/A	6520612

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) 13C6

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG651		KQG653			
Sampling Date							
	UNITS	19B-ARM-SOLE-08 + 09	EDL	19B-ARM-SOLE-11+16	EDL	RDL	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.1	N/A	1.1	N/A	N/A	6424958
Polyaromatic Hydrocarbons							
Benzo(b/j)fluoranthene	ng/g	<0.042	0.042	<0.031	0.031	1.0	6435333
Naphthalene	ng/g	4.56	0.052	3.94	0.11	0.50	6435333
Acenaphthylene	ng/g	0.063	0.039	0.065	0.034	0.50	6435333
Acenaphthene	ng/g	0.191	0.048	0.150	0.058	0.50	6435333
Fluorene	ng/g	0.338	0.062	0.299	0.053	0.50	6435333
Phenanthrene	ng/g	0.406	0.053	0.387	0.060	0.50	6435333
Anthracene	ng/g	<0.058	0.058	0.460	0.065	0.50	6435333
Fluoranthene	ng/g	0.080	0.017	0.083	0.029	0.50	6435333
Pyrene	ng/g	0.104	0.016	0.073	0.028	0.50	6435333
Benzo(a)anthracene	ng/g	<0.030	0.030	0.040	0.032	0.50	6435333
Chrysene	ng/g	<0.031	0.031	0.036	0.031	0.50	6435333
Benzo(k)fluoranthene	ng/g	<0.042	0.042	<0.029	0.029	0.50	6435333
Benzo(a)pyrene	ng/g	<0.060	0.060	<0.034	0.034	0.50	6435333
Indeno(1,2,3-cd)pyrene	ng/g	<0.038	0.038	<0.045	0.045	0.50	6435333
Dibenzo(a,h)anthracene	ng/g	<0.041	0.041	<0.044	0.044	0.50	6435333
Benzo(g,h,i)perylene	ng/g	<0.031	0.031	<0.039	0.039	0.50	6435333
Surrogate Recovery (%)							
Acenaphthylene-2H8	%	74	N/A	85	N/A	N/A	6435333
Benz(a)anthracene-2H12	%	66	N/A	78	N/A	N/A	6435333
Benzo(a)pyrene-2H12	%	93	N/A	105	N/A	N/A	6435333
Benzo(b)fluoranthene-2H12	%	86	N/A	91	N/A	N/A	6435333
Benzo(g,h,i)perylene-2H12	%	89	N/A	84	N/A	N/A	6435333
Benzo(k)fluoranthene-2H12	%	99	N/A	89	N/A	N/A	6435333
Chrysene-2H12	%	69	N/A	75	N/A	N/A	6435333
Dibenzo(a,h)anthracene-2H14	%	77	N/A	72	N/A	N/A	6435333
Fluoranthene-2H10	%	84	N/A	92	N/A	N/A	6435333
Indeno(1,2,3-c,d)pyrene-2H12	%	86	N/A	79	N/A	N/A	6435333
Naphthalene-2H8	%	90	N/A	92	N/A	N/A	6435333
Perylene-2H12	%	96	N/A	92	N/A	N/A	6435333
Phenanthrene-2H10	%	67	N/A	89	N/A	N/A	6435333

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG659			KQG659			
Sampling Date								
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	1.4	N/A	N/A	N/A	N/A	N/A	6424958
Polyaromatic Hydrocarbons								
Benzo(b/j)fluoranthene	ng/g	<0.059	0.059	0.99	<0.053	0.053	1.0	6435333
Naphthalene	ng/g	5.49	0.11	0.50	4.35	0.11	0.50	6435333
Acenaphthylene	ng/g	0.073	0.031	0.50	<0.029	0.029	0.50	6435333
Acenaphthene	ng/g	0.229	0.058	0.50	0.228	0.056	0.50	6435333
Fluorene	ng/g	0.308	0.058	0.50	0.355	0.053	0.50	6435333
Phenanthrene	ng/g	0.431	0.040	0.50	0.616	0.058	0.50	6435333
Anthracene	ng/g	0.049	0.044	0.50	<0.064	0.064	0.50	6435333
Fluoranthene	ng/g	0.082	0.017	0.50	0.162	0.022	0.50	6435333
Pyrene	ng/g	0.091	0.016	0.50	0.140	0.021	0.50	6435333
Benzo(a)anthracene	ng/g	0.046	0.028	0.50	<0.034	0.034	0.50	6435333
Chrysene	ng/g	0.047	0.031	0.50	<0.035	0.035	0.50	6435333
Benzo(k)fluoranthene	ng/g	<0.052	0.052	0.50	<0.056	0.056	0.50	6435333
Benzo(a)pyrene	ng/g	<0.079	0.079	0.50	<0.074	0.074	0.50	6435333
Indeno(1,2,3-cd)pyrene	ng/g	<0.056	0.056	0.50	<0.063	0.063	0.50	6435333
Dibenzo(a,h)anthracene	ng/g	<0.039	0.039	0.50	<0.035	0.035	0.50	6435333
Benzo(g,h,i)perylene	ng/g	<0.040	0.040	0.50	<0.042	0.042	0.50	6435333
Surrogate Recovery (%)								
Acenaphthylene-2H8	%	69	N/A	N/A	61	N/A	N/A	6435333
Benz(a)anthracene-2H12	%	70	N/A	N/A	78	N/A	N/A	6435333
Benzo(a)pyrene-2H12	%	83	N/A	N/A	82	N/A	N/A	6435333
Benzo(b)fluoranthene-2H12	%	80	N/A	N/A	76	N/A	N/A	6435333
Benzo(g,h,i)perylene-2H12	%	88	N/A	N/A	78	N/A	N/A	6435333
Benzo(k)fluoranthene-2H12	%	88	N/A	N/A	85	N/A	N/A	6435333
Chrysene-2H12	%	66	N/A	N/A	79	N/A	N/A	6435333
Dibenzo(a,h)anthracene-2H14	%	73	N/A	N/A	57	N/A	N/A	6435333
Fluoranthene-2H10	%	89	N/A	N/A	86	N/A	N/A	6435333
Indeno(1,2,3-c,d)pyrene-2H12	%	76	N/A	N/A	62	N/A	N/A	6435333
Naphthalene-2H8	%	81	N/A	N/A	81	N/A	N/A	6435333
Perylene-2H12	%	89	N/A	N/A	85	N/A	N/A	6435333
Phenanthrene-2H10	%	66	N/A	N/A	92	N/A	N/A	6435333

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG661		KQG670			KQG671			
Sampling Date										
	UNITS	19B-ARM-SOLE-13+23	EDL	19B-ARM-SOLE-17+25	EDL	RDL	19B-ARM-SOLE-18	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.60	N/A	0.70	N/A	N/A	0.90	N/A	N/A	6424958
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.039	0.039	0.039	0.027	0.99	<0.053	0.053	1.0	6435333
Naphthalene	ng/g	4.06	0.11	4.82	0.046	0.50	5.35	0.064	0.50	6435333
Acenaphthylene	ng/g	0.075	0.037	0.086	0.031	0.50	0.093	0.031	0.50	6435333
Acenaphthene	ng/g	0.166	0.058	0.164	0.053	0.50	0.188	0.050	0.50	6435333
Fluorene	ng/g	0.296	0.056	0.326	0.053	0.50	0.400	0.043	0.50	6435333
Phenanthrene	ng/g	0.396	0.034	0.382	0.029	0.50	0.478	0.046	0.50	6435333
Anthracene	ng/g	<0.037	0.037	0.058	0.032	0.50	<0.050	0.050	0.50	6435333
Fluoranthene	ng/g	0.074	0.021	0.072	0.021	0.50	0.104	0.034	0.50	6435333
Pyrene	ng/g	0.092	0.019	0.091	0.019	0.50	0.092	0.032	0.50	6435333
Benzo(a)anthracene	ng/g	0.032	0.027	0.029	0.024	0.50	0.021	0.019	0.50	6435333
Chrysene	ng/g	<0.030	0.030	<0.027	0.027	0.50	0.030	0.020	0.50	6435333
Benzo(k)fluoranthene	ng/g	<0.037	0.037	<0.028	0.028	0.50	<0.053	0.053	0.50	6435333
Benzo(a)pyrene	ng/g	<0.058	0.058	<0.039	0.039	0.50	<0.075	0.075	0.50	6435333
Indeno(1,2,3-cd)pyrene	ng/g	<0.046	0.046	<0.042	0.042	0.50	<0.060	0.060	0.50	6435333
Dibenzo(a,h)anthracene	ng/g	<0.032	0.032	<0.059	0.059	0.50	<0.030	0.030	0.50	6435333
Benzo(g,h,i)perylene	ng/g	<0.037	0.037	<0.032	0.032	0.50	<0.048	0.048	0.50	6435333
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	75	N/A	69	N/A	N/A	74	N/A	N/A	6435333
Benz(a)anthracene-2H12	%	82	N/A	83	N/A	N/A	80	N/A	N/A	6435333
Benzo(a)pyrene-2H12	%	81	N/A	92	N/A	N/A	85	N/A	N/A	6435333
Benzo(b)fluoranthene-2H12	%	82	N/A	96	N/A	N/A	82	N/A	N/A	6435333
Benzo(g,h,i)perylene-2H12	%	77	N/A	95	N/A	N/A	77	N/A	N/A	6435333
Benzo(k)fluoranthene-2H12	%	89	N/A	103	N/A	N/A	87	N/A	N/A	6435333
Chrysene-2H12	%	79	N/A	77	N/A	N/A	77	N/A	N/A	6435333
Dibenzo(a,h)anthracene-2H14	%	66	N/A	74	N/A	N/A	64	N/A	N/A	6435333
Fluoranthene-2H10	%	92	N/A	93	N/A	N/A	91	N/A	N/A	6435333
Indeno(1,2,3-c,d)pyrene-2H12	%	74	N/A	76	N/A	N/A	73	N/A	N/A	6435333
Naphthalene-2H8	%	100	N/A	95	N/A	N/A	100	N/A	N/A	6435333
Perylene-2H12	%	84	N/A	93	N/A	N/A	91	N/A	N/A	6435333
Phenanthrene-2H10	%	89	N/A	85	N/A	N/A	90	N/A	N/A	6435333

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG674		KQG686			KQG689			
Sampling Date										
	UNITS	19B-ARM-SOLE-22	EDL	19B-ARM-SOLE-24	EDL	RDL	19B-ARM-SOLE-26 +27	EDL	RDL	QC Batch
Miscellaneous Parameters										
Fat (gravimetric)	%	0.70	N/A	0.60	N/A	N/A	0.90	N/A	N/A	6424958
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.054	0.054	<0.051	0.051	1.0	<0.054	0.054	0.99	6435333
Naphthalene	ng/g	4.11	0.055	5.13	0.097	0.50	4.98	0.063	0.50	6435333
Acenaphthylene	ng/g	0.078	0.049	0.088	0.027	0.50	0.076	0.028	0.50	6435333
Acenaphthene	ng/g	0.213	0.059	0.176	0.044	0.50	0.161	0.046	0.50	6435333
Fluorene	ng/g	0.337	0.050	0.386	0.055	0.50	0.368	0.048	0.50	6435333
Phenanthrene	ng/g	0.454	0.039	0.471	0.046	0.50	0.444	0.047	0.50	6435333
Anthracene	ng/g	<0.043	0.043	<0.051	0.051	0.50	<0.051	0.051	0.50	6435333
Fluoranthene	ng/g	0.080	0.030	0.082	0.016	0.50	0.088	0.024	0.50	6435333
Pyrene	ng/g	0.088	0.028	0.088	0.015	0.50	0.087	0.022	0.50	6435333
Benzo(a)anthracene	ng/g	<0.029	0.029	<0.030	0.030	0.50	<0.030	0.030	0.50	6435333
Chrysene	ng/g	0.038	0.029	0.039	0.032	0.50	<0.030	0.030	0.50	6435333
Benzo(k)fluoranthene	ng/g	<0.050	0.050	<0.048	0.048	0.50	<0.058	0.058	0.50	6435333
Benzo(a)pyrene	ng/g	<0.072	0.072	<0.064	0.064	0.50	<0.073	0.073	0.50	6435333
Indeno(1,2,3-cd)pyrene	ng/g	<0.061	0.061	<0.041	0.041	0.50	<0.056	0.056	0.50	6435333
Dibenzo(a,h)anthracene	ng/g	<0.032	0.032	<0.034	0.034	0.50	<0.045	0.045	0.50	6435333
Benzo(g,h,i)perylene	ng/g	<0.048	0.048	<0.031	0.031	0.50	<0.043	0.043	0.50	6435333
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	57	N/A	63	N/A	N/A	82	N/A	N/A	6435333
Benz(a)anthracene-2H12	%	73	N/A	69	N/A	N/A	72	N/A	N/A	6435333
Benzo(a)pyrene-2H12	%	72	N/A	76	N/A	N/A	93	N/A	N/A	6435333
Benzo(b)fluoranthene-2H12	%	75	N/A	74	N/A	N/A	88	N/A	N/A	6435333
Benzo(g,h,i)perylene-2H12	%	77	N/A	64	N/A	N/A	89	N/A	N/A	6435333
Benzo(k)fluoranthene-2H12	%	88	N/A	79	N/A	N/A	97	N/A	N/A	6435333
Chrysene-2H12	%	74	N/A	64	N/A	N/A	70	N/A	N/A	6435333
Dibenzo(a,h)anthracene-2H14	%	64	N/A	54	N/A	N/A	65	N/A	N/A	6435333
Fluoranthene-2H10	%	92	N/A	78	N/A	N/A	89	N/A	N/A	6435333
Indeno(1,2,3-c,d)pyrene-2H12	%	69	N/A	64	N/A	N/A	70	N/A	N/A	6435333
Naphthalene-2H8	%	90	N/A	81	N/A	N/A	92	N/A	N/A	6435333
Perylene-2H12	%	85	N/A	80	N/A	N/A	93	N/A	N/A	6435333
Phenanthrene-2H10	%	84	N/A	76	N/A	N/A	81	N/A	N/A	6435333

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		KQG694			
Sampling Date					
	UNITS	19B-ARM-SOLE-30	EDL	RDL	QC Batch
Miscellaneous Parameters					
Fat (gravimetric)	%	0.60	N/A	N/A	6424958
Polyaromatic Hydrocarbons					
Benzo(b/j)fluoranthene	ng/g	<0.045	0.045	0.99	6435333
Naphthalene	ng/g	4.18	0.069	0.50	6435333
Acenaphthylene	ng/g	0.055	0.041	0.50	6435333
Acenaphthene	ng/g	0.187	0.057	0.50	6435333
Fluorene	ng/g	0.411	0.054	0.50	6435333
Phenanthrene	ng/g	0.443	0.063	0.50	6435333
Anthracene	ng/g	<0.068	0.068	0.50	6435333
Fluoranthene	ng/g	0.104	0.032	0.50	6435333
Pyrene	ng/g	0.079	0.030	0.50	6435333
Benzo(a)anthracene	ng/g	<0.046	0.046	0.50	6435333
Chrysene	ng/g	<0.046	0.046	0.50	6435333
Benzo(k)fluoranthene	ng/g	<0.046	0.046	0.50	6435333
Benzo(a)pyrene	ng/g	<0.065	0.065	0.50	6435333
Indeno(1,2,3-cd)pyrene	ng/g	<0.049	0.049	0.50	6435333
Dibenzo(a,h)anthracene	ng/g	<0.041	0.041	0.50	6435333
Benzo(g,h,i)perylene	ng/g	<0.039	0.039	0.50	6435333
Surrogate Recovery (%)					
Acenaphthylene-2H8	%	67	N/A	N/A	6435333
Benz(a)anthracene-2H12	%	72	N/A	N/A	6435333
Benzo(a)pyrene-2H12	%	91	N/A	N/A	6435333
Benzo(b)fluoranthene-2H12	%	87	N/A	N/A	6435333
Benzo(g,h,i)perylene-2H12	%	81	N/A	N/A	6435333
Benzo(k)fluoranthene-2H12	%	102	N/A	N/A	6435333
Chrysene-2H12	%	74	N/A	N/A	6435333
Dibenzo(a,h)anthracene-2H14	%	63	N/A	N/A	6435333
Fluoranthene-2H10	%	90	N/A	N/A	6435333
Indeno(1,2,3-c,d)pyrene-2H12	%	67	N/A	N/A	6435333
Naphthalene-2H8	%	94	N/A	N/A	6435333
Perylene-2H12	%	92	N/A	N/A	6435333
Phenanthrene-2H10	%	87	N/A	N/A	6435333

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.993	1.00	0.112	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.96	1.00	0.110	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.295	0.101	4.96	0.0100	0.00295	N/A	6447761
Octa CDD *	pg/g	<0.756 (1)	0.756	9.93	0.000300	0.000227	N/A	6447761
Total Tetra CDD *	pg/g	<0.112	0.112	0.993	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.247 (1)	0.247	4.96	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.623	0.101	4.96	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.111	0.111	0.993	0.100	0.0111	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.96	0.0300	0.00321	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.0994	0.0994	4.96	0.300	0.0298	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0974	0.0974	4.96	0.100	0.00974	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.281	0.105	4.96	0.0100	0.00281	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0973	0.0973	4.96	0.0100	0.000973	N/A	6447761
Octa CDF **	pg/g	0.301	0.134	9.93	0.000300	0.0000903	N/A	6447761
Total Tetra CDF **	pg/g	<0.111	0.111	0.993	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.170 (1)	0.170	4.96	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.102	0.102	4.96	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.281	0.101	4.96	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.347	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.993	1.00	0.117	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.97	1.00	0.109	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.284 (1)	0.284	4.97	0.0100	0.00284	N/A	6447761
Octa CDD *	pg/g	<1.01 (1)	1.01	9.93	0.000300	0.000303	N/A	6447761
Total Tetra CDD *	pg/g	<0.117	0.117	0.993	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.356 (1)	0.356	4.97	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.314	0.102	4.97	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.993	0.100	0.0115	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.97	0.0300	0.00357	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.97	0.300	0.0330	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.232 (1)	0.232	4.97	0.0100	0.00232	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.97	0.0100	0.00105	N/A	6447761
Octa CDF **	pg/g	<0.270 (1)	0.270	9.93	0.000300	0.0000810	N/A	6447761
Total Tetra CDF **	pg/g	<0.115	0.115	0.993	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.114	0.114	4.97	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.167	0.110	4.97	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.357	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.994	1.00	0.110	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.97	1.00	0.115	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.299 (1)	0.299	4.97	0.0100	0.00299	N/A	6447761
Octa CDD *	pg/g	0.773	0.108	9.94	0.000300	0.000232	N/A	6447761
Total Tetra CDD *	pg/g	<0.110	0.110	0.994	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.383 (1)	0.383	4.97	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.327	0.103	4.97	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.119	0.119	0.994	0.100	0.0119	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.97	0.0300	0.00366	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	4.97	0.300	0.0339	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.97	0.100	0.0121	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.316	0.117	4.97	0.0100	0.00316	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.97	0.0100	0.00108	N/A	6447761
Octa CDF **	pg/g	0.346	0.116	9.94	0.000300	0.000104	N/A	6447761
Total Tetra CDF **	pg/g	<0.119	0.119	0.994	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.371 (1)	0.371	4.97	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.118	0.118	4.97	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.316	0.112	4.97	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.364	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	118	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.994	1.00	0.110	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.97	1.00	0.118	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.385	0.115	4.97	0.0100	0.00385	N/A	6447761
Octa CDD *	pg/g	0.716	0.111	9.94	0.000300	0.000215	N/A	6447761
Total Tetra CDD *	pg/g	<0.110	0.110	0.994	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.118	0.118	4.97	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.334 (1)	0.334	4.97	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.385	0.115	4.97	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.994	0.100	0.0113	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.97	0.0300	0.00354	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.97	0.300	0.0327	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.304	0.112	4.97	0.0100	0.00304	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.97	0.0100	0.00103	N/A	6447761
Octa CDF **	pg/g	0.314	0.119	9.94	0.000300	0.0000942	N/A	6447761
Total Tetra CDF **	pg/g	<0.113	0.113	0.994	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.233 (1)	0.233	4.97	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.304	0.108	4.97	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.362	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	120	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	10.0	1.00	0.116	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.156	0.156	50.0	1.00	0.156	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	50.0	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	50.0	0.100	0.0114	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	50.0	0.100	0.0117	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.372 (1)	0.372	50.0	0.0100	0.00372	N/A	6447761
Octa CDD *	pg/g	<0.618 (1)	0.618	100	0.000300	0.000185	N/A	6447761
Total Tetra CDD *	pg/g	<0.163 (1)	0.163	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.156	0.156	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	0.237	0.118	50.0	N/A	N/A	1	6447761
Total Hepta CDD *	pg/g	<0.372 (1)	0.372	50.0	N/A	N/A	0	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	10.0	0.100	0.0108	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	50.0	0.0300	0.00351	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	50.0	0.300	0.0327	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	50.0	0.100	0.0113	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	50.0	0.100	0.0113	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	50.0	0.100	0.0107	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	50.0	0.100	0.0115	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.236 (1)	0.236	50.0	0.0100	0.00236	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	50.0	0.0100	0.00107	N/A	6447761
Octa CDF **	pg/g	<0.278 (1)	0.278	100	0.000300	0.0000834	N/A	6447761
Total Tetra CDF **	pg/g	0.172	0.108	10.0	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.182 (1)	0.182	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.112	0.112	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.126	0.111	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.406	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	122	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	10.0	1.00	0.114	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.146	0.146	50.0	1.00	0.146	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	50.0	0.100	0.0107	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.311 (1)	0.311	50.0	0.0100	0.00311	N/A	6447761
Octa CDD *	pg/g	<0.791 (1)	0.791	100	0.000300	0.000237	N/A	6447761
Total Tetra CDD *	pg/g	<0.185 (1)	0.185	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.146	0.146	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.477 (1)	0.477	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.420	0.110	50.0	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	10.0	0.100	0.0107	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	50.0	0.0300	0.00336	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	50.0	0.300	0.0312	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	50.0	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	50.0	0.100	0.0118	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	50.0	0.100	0.0111	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	50.0	0.100	0.0120	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.306	0.122	50.0	0.0100	0.00306	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	50.0	0.0100	0.00113	N/A	6447761
Octa CDF **	pg/g	<0.329 (1)	0.329	100	0.000300	0.0000987	N/A	6447761
Total Tetra CDF **	pg/g	<0.107	0.107	10.0	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.314 (1)	0.314	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.117	0.117	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.306	0.117	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.392	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	10.0	1.00	0.102	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.133	0.133	50.0	1.00	0.133	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	50.0	0.100	0.0111	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	50.0	0.100	0.0107	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.249	0.100	50.0	0.0100	0.00249	N/A	6447761
Octa CDD *	pg/g	0.686	0.108	100	0.000300	0.000206	N/A	6447761
Total Tetra CDD *	pg/g	<0.173 (1)	0.173	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.133	0.133	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.516 (1)	0.516	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.249	0.100	50.0	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	10.0	0.100	0.0109	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	50.0	0.0300	0.00336	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	50.0	0.300	0.0312	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	50.0	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	50.0	0.100	0.0118	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	50.0	0.100	0.0120	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.227	0.117	50.0	0.0100	0.00227	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	50.0	0.0100	0.00108	N/A	6447761
Octa CDF **	pg/g	0.248	0.115	100	0.000300	0.0000744	N/A	6447761
Total Tetra CDF **	pg/g	<0.109	0.109	10.0	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.377 (1)	0.377	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.117	0.117	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.227	0.112	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.366	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	10.0	1.00	0.110	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	50.0	1.00	0.118	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.132 (1)	0.132	50.0	0.100	0.0132	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.10	0.111	50.0	0.0100	0.0110	N/A	6447761
Octa CDD *	pg/g	7.16	0.115	100	0.000300	0.00215	N/A	6447761
Total Tetra CDD *	pg/g	<0.122 (1)	0.122	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.125 (1)	0.125	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.519 (1)	0.519	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	2.07	0.111	50.0	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	0.139	0.102	10.0	0.100	0.0139	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	50.0	0.0300	0.00336	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	50.0	0.300	0.0312	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	50.0	0.100	0.0104	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	50.0	0.100	0.0104	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0981	0.0981	50.0	0.100	0.00981	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	50.0	0.100	0.0105	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.711	0.109	50.0	0.0100	0.00711	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	50.0	0.0100	0.00101	N/A	6447761
Octa CDF **	pg/g	2.60	0.120	100	0.000300	0.000780	N/A	6447761
Total Tetra CDF **	pg/g	0.139	0.102	10.0	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.191 (1)	0.191	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	0.294	0.103	50.0	N/A	N/A	2	6447761
Total Hepta CDF **	pg/g	1.96	0.105	50.0	N/A	N/A	2	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.375	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	118	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	122	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.120	0.120	10.0	1.00	0.120	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	50.0	1.00	0.115	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	50.0	0.100	0.0107	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	50.0	0.100	0.0103	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	50.0	0.100	0.0106	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.269	0.110	50.0	0.0100	0.00269	N/A	6447761
Octa CDD *	pg/g	0.788	0.108	100	0.000300	0.000236	N/A	6447761
Total Tetra CDD *	pg/g	<0.192 (1)	0.192	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.115	0.115	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.539 (1)	0.539	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.527	0.110	50.0	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.100	0.100	10.0	0.100	0.0100	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	50.0	0.0300	0.00357	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	50.0	0.300	0.0333	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	50.0	0.100	0.0120	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	50.0	0.100	0.0120	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	50.0	0.100	0.0113	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	50.0	0.100	0.0122	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.214	0.124	50.0	0.0100	0.00214	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	50.0	0.0100	0.00114	N/A	6447761
Octa CDF **	pg/g	<0.237 (1)	0.237	100	0.000300	0.0000711	N/A	6447761
Total Tetra CDF **	pg/g	0.132	0.100	10.0	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.115	0.115	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.119	0.119	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.214	0.119	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.367	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	120	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.991	1.00	0.115	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.135	0.135	4.96	1.00	0.135	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.364 (1)	0.364	4.96	0.0100	0.00364	N/A	6447761
Octa CDD *	pg/g	1.25	0.105	9.91	0.000300	0.000375	N/A	6447761
Total Tetra CDD *	pg/g	<0.188 (1)	0.188	0.991	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.135	0.135	4.96	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.462 (1)	0.462	4.96	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.439	0.105	4.96	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	0.137	0.110	0.991	0.100	0.0137	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.96	0.0300	0.00342	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.300	0.0315	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0958	0.0958	4.96	0.100	0.00958	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.271	0.113	4.96	0.0100	0.00271	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.96	0.0100	0.00105	N/A	6447761
Octa CDF **	pg/g	0.324	0.106	9.91	0.000300	0.0000972	N/A	6447761
Total Tetra CDF **	pg/g	0.137	0.110	0.991	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.145 (1)	0.145	4.96	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.100	0.100	4.96	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.271	0.109	4.96	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.379	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	121	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.997	1.00	0.104	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.159	0.159	4.98	1.00	0.159	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.227 (1)	0.227	4.98	0.0100	0.00227	N/A	6447761
Octa CDD *	pg/g	<0.466 (1)	0.466	9.97	0.000300	0.000140	N/A	6447761
Total Tetra CDD *	pg/g	<0.104	0.104	0.997	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.159	0.159	4.98	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.399 (1)	0.399	4.98	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	<0.271 (1)	0.271	4.98	N/A	N/A	0	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.997	0.100	0.0117	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	4.98	0.0300	0.00354	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.300	0.0330	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.197 (1)	0.197	4.98	0.0100	0.00197	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.98	0.0100	0.00105	N/A	6447761
Octa CDF **	pg/g	0.287	0.117	9.97	0.000300	0.0000861	N/A	6447761
Total Tetra CDF **	pg/g	<0.117	0.117	0.997	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.321 (1)	0.321	4.98	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	<0.206 (1)	0.206	4.98	N/A	N/A	0	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.397	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	127	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	10.0	1.00	0.111	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.151	0.151	50.0	1.00	0.151	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	50.0	0.100	0.0113	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	50.0	0.100	0.0108	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	50.0	0.100	0.0111	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.225	0.109	50.0	0.0100	0.00225	N/A	6447761
Octa CDD *	pg/g	0.681	0.107	100	0.000300	0.000204	N/A	6447761
Total Tetra CDD *	pg/g	<0.188 (1)	0.188	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.151	0.151	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	0.141	0.112	50.0	N/A	N/A	1	6447761
Total Hepta CDD *	pg/g	0.511	0.109	50.0	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	10.0	0.100	0.0114	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	50.0	0.0300	0.00342	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	50.0	0.300	0.0318	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	50.0	0.100	0.0106	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	50.0	0.100	0.0114	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.340	0.118	50.0	0.0100	0.00340	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	50.0	0.0100	0.00109	N/A	6447761
Octa CDF **	pg/g	0.297	0.108	100	0.000300	0.0000891	N/A	6447761
Total Tetra CDF **	pg/g	0.136	0.114	10.0	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.110	0.110	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.111	0.111	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.340	0.113	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.393	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	124	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	10.0	1.00	0.110	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	50.0	1.00	0.117	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.137	0.137	50.0	0.100	0.0137	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.131	0.131	50.0	0.100	0.0131	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.135	0.135	50.0	0.100	0.0135	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.523	0.112	50.0	0.0100	0.00523	N/A	6447761
Octa CDD *	pg/g	0.994	0.113	100	0.000300	0.000298	N/A	6447761
Total Tetra CDD *	pg/g	<0.205 (1)	0.205	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.117	0.117	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.502 (1)	0.502	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	1.37	0.112	50.0	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	10.0	0.100	0.0106	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	50.0	0.0300	0.00360	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	50.0	0.300	0.0333	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	50.0	0.100	0.0115	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	50.0	0.100	0.0115	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	50.0	0.100	0.0109	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	50.0	0.100	0.0117	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.205	0.112	50.0	0.0100	0.00205	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	50.0	0.0100	0.00104	N/A	6447761
Octa CDF **	pg/g	0.237	0.113	100	0.000300	0.0000711	N/A	6447761
Total Tetra CDF **	pg/g	<0.111 (1)	0.111	10.0	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.306 (1)	0.306	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.114	0.114	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.319	0.108	50.0	N/A	N/A	2	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.369	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	116	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	10.0	1.00	0.107	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	50.0	1.00	0.110	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	50.0	0.100	0.0115	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	50.0	0.100	0.0113	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.315	0.107	50.0	0.0100	0.00315	N/A	6447761
Octa CDD *	pg/g	<0.619 (1)	0.619	100	0.000300	0.000186	N/A	6447761
Total Tetra CDD *	pg/g	<0.129 (1)	0.129	10.0	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.110	0.110	50.0	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.365 (1)	0.365	50.0	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.315	0.107	50.0	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.100	0.100	10.0	0.100	0.0100	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	50.0	0.0300	0.00360	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	50.0	0.300	0.0333	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	50.0	0.100	0.0110	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	50.0	0.100	0.0104	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	50.0	0.100	0.0112	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.227	0.115	50.0	0.0100	0.00227	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	50.0	0.0100	0.00106	N/A	6447761
Octa CDF **	pg/g	<0.208 (1)	0.208	100	0.000300	0.0000624	N/A	6447761
Total Tetra CDF **	pg/g	<0.100	0.100	10.0	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<1.10 (1)	1.10	50.0	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.109	0.109	50.0	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.227	0.110	50.0	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.348	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.994	1.00	0.100	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.97	1.00	0.111	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.97	0.100	0.0114	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.29	0.113	4.97	0.0100	0.0129	N/A	6447761
Octa CDD *	pg/g	8.53	0.140	9.94	0.000300	0.00256	N/A	6447761
Total Tetra CDD *	pg/g	<0.100	0.100	0.994	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.111	0.111	4.97	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	0.206	0.113	4.97	N/A	N/A	1	6447761
Total Hepta CDD *	pg/g	2.20	0.113	4.97	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.994	0.100	0.0113	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.97	0.0300	0.00369	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.97	0.300	0.0342	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.743	0.119	4.97	0.0100	0.00743	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.97	0.0100	0.00110	N/A	6447761
Octa CDF **	pg/g	1.53	0.113	9.94	0.000300	0.000459	N/A	6447761
Total Tetra CDF **	pg/g	<0.113	0.113	0.994	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<1.87 (1)	1.87	4.97	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	0.232	0.116	4.97	N/A	N/A	1	6447761
Total Hepta CDF **	pg/g	1.56	0.115	4.97	N/A	N/A	2	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.365	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	125	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.991	1.00	0.116	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.135	0.135	4.95	1.00	0.135	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.95	0.100	0.0109	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.95	0.100	0.0107	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.328	0.109	4.95	0.0100	0.00328	N/A	6447761
Octa CDD *	pg/g	0.641	0.104	9.91	0.000300	0.000192	N/A	6447761
Total Tetra CDD *	pg/g	<0.116	0.116	0.991	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.135	0.135	4.95	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.250 (1)	0.250	4.95	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.635	0.109	4.95	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.991	0.100	0.0110	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.95	0.0300	0.00345	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.95	0.300	0.0321	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.95	0.100	0.0107	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.277	0.110	4.95	0.0100	0.00277	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.95	0.0100	0.00101	N/A	6447761
Octa CDF **	pg/g	<0.206 (1)	0.206	9.91	0.000300	0.0000618	N/A	6447761
Total Tetra CDF **	pg/g	0.157	0.110	0.991	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<1.66 (1)	1.66	4.95	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.112	0.112	4.95	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.277	0.105	4.95	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.382	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	126	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.996	1.00	0.111	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.388	0.117	4.98	0.0100	0.00388	N/A	6447761
Octa CDD *	pg/g	0.725	0.113	9.96	0.000300	0.000218	N/A	6447761
Total Tetra CDD *	pg/g	<0.111	0.111	0.996	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.338 (1)	0.338	4.98	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.388	0.117	4.98	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.100	0.100	0.996	0.100	0.0100	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.98	0.0300	0.00348	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.300	0.0324	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.238	0.119	4.98	0.0100	0.00238	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6447761
Octa CDF **	pg/g	0.350	0.107	9.96	0.000300	0.000105	N/A	6447761
Total Tetra CDF **	pg/g	<0.100	0.100	0.996	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.197 (1)	0.197	4.98	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.238	0.115	4.98	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.361	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.997	1.00	0.100	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.98	1.00	0.110	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.300	0.113	4.98	0.0100	0.00300	N/A	6447761
Octa CDD *	pg/g	0.629	0.108	9.97	0.000300	0.000189	N/A	6447761
Total Tetra CDD *	pg/g	<0.100	0.100	0.997	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.331 (1)	0.331	4.98	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.652	0.113	4.98	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	0.216	0.101	0.997	0.100	0.0216	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.98	0.0300	0.00351	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.98	0.300	0.0327	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.193	0.123	4.98	0.0100	0.00193	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6447761
Octa CDF **	pg/g	0.235	0.115	9.97	0.000300	0.0000705	N/A	6447761
Total Tetra CDF **	pg/g	0.386	0.101	0.997	N/A	N/A	2	6447761
Total Penta CDF **	pg/g	<0.172 (1)	0.172	4.98	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.193	0.118	4.98	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.990	1.00	0.113	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	0.116	0.110	4.95	1.00	0.116	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.95	0.100	0.0118	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	0.205	0.113	4.95	0.100	0.0205	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.270 (1)	0.270	4.95	0.0100	0.00270	N/A	6447761
Octa CDD *	pg/g	0.647	0.118	9.90	0.000300	0.000194	N/A	6447761
Total Tetra CDD *	pg/g	<0.113	0.113	0.990	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	0.116	0.110	4.95	N/A	N/A	1	6447761
Total Hexa CDD *	pg/g	0.470	0.117	4.95	N/A	N/A	2	6447761
Total Hepta CDD *	pg/g	0.237	0.118	4.95	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.173 (1)	0.173	0.990	0.100	0.0173	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.95	0.0300	0.00348	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.95	0.300	0.0324	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.253	0.104	4.95	0.0100	0.00253	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0958	0.0958	4.95	0.0100	0.000958	N/A	6447761
Octa CDF **	pg/g	0.232	0.107	9.90	0.000300	0.0000696	N/A	6447761
Total Tetra CDF **	pg/g	<0.173 (1)	0.173	0.990	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.112	0.112	4.95	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.109	0.109	4.95	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.371	0.0996	4.95	N/A	N/A	2	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.376	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF597						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.996	1.00	0.108	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.318 (1)	0.318	4.98	0.0100	0.00318	N/A	6447761
Octa CDD *	pg/g	<0.740 (1)	0.740	9.96	0.000300	0.000222	N/A	6447761
Total Tetra CDD *	pg/g	<0.108	0.108	0.996	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.272 (1)	0.272	4.98	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.446	0.118	4.98	N/A	N/A	1	6447761
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.996	0.100	0.0110	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.0300	0.00324	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.300	0.0303	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.98	0.100	0.0100	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.287	0.122	4.98	0.0100	0.00287	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.98	0.0100	0.00112	N/A	6447761
Octa CDF **	pg/g	0.344	0.109	9.96	0.000300	0.000103	N/A	6447761
Total Tetra CDF **	pg/g	<0.110	0.110	0.996	N/A	N/A	0	6447761
Total Penta CDF **	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.287	0.117	4.98	N/A	N/A	1	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.350	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF597						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.994	1.00	0.111	N/A	6447761
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.97	1.00	0.110	N/A	6447761
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6447761
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6447761
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6447761
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.407	0.103	4.97	0.0100	0.00407	N/A	6447761
Octa CDD *	pg/g	0.922	0.111	9.94	0.000300	0.000277	N/A	6447761
Total Tetra CDD *	pg/g	<0.111	0.111	0.994	N/A	N/A	0	6447761
Total Penta CDD *	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6447761
Total Hexa CDD *	pg/g	<0.252 (1)	0.252	4.97	N/A	N/A	0	6447761
Total Hepta CDD *	pg/g	0.786	0.103	4.97	N/A	N/A	2	6447761
2,3,7,8-Tetra CDF **	pg/g	0.109	0.105	0.994	0.100	0.0109	N/A	6447761
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.97	0.0300	0.00342	N/A	6447761
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.97	0.300	0.0318	N/A	6447761
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6447761
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6447761
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.97	0.100	0.0101	N/A	6447761
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6447761
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.341	0.105	4.97	0.0100	0.00341	N/A	6447761
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0973	0.0973	4.97	0.0100	0.000973	N/A	6447761
Octa CDF **	pg/g	0.345	0.107	9.94	0.000300	0.000104	N/A	6447761
Total Tetra CDF **	pg/g	0.109	0.105	0.994	N/A	N/A	1	6447761
Total Penta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6447761
Total Hexa CDF **	pg/g	<0.106	0.106	4.97	N/A	N/A	0	6447761
Total Hepta CDF **	pg/g	0.474	0.101	4.97	N/A	N/A	2	6447761
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.351	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

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** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6447761
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6447761
C13-1234789 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6447761
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6447761
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6447761
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6447761
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6447761
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6447761
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6447761

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.997	1.00	0.105	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.99	1.00	0.116	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.230	0.100	4.99	0.0100	0.00230	N/A	6457356
Octa CDD *	pg/g	0.714	0.101	9.97	0.000300	0.000214	N/A	6457356
Total Tetra CDD *	pg/g	<0.105	0.105	0.997	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.142 (1)	0.142	4.99	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.230	0.100	4.99	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.997	0.100	0.0102	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.0300	0.00318	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0986	0.0986	4.99	0.300	0.0296	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.99	0.0100	0.00106	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0983	0.0983	4.99	0.0100	0.000983	N/A	6457356
Octa CDF **	pg/g	<0.110	0.110	9.97	0.000300	0.0000330	N/A	6457356
Total Tetra CDF **	pg/g	<0.102	0.102	0.997	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356

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N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.997	1.00	0.102	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.99	1.00	0.118	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.99	0.0100	0.00105	N/A	6457356
Octa CDD *	pg/g	<0.210 (1)	0.210	9.97	0.000300	0.0000630	N/A	6457356
Total Tetra CDD *	pg/g	<0.102	0.102	0.997	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.199 (1)	0.199	4.99	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.100	0.100	0.997	0.100	0.0100	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.99	0.0300	0.00336	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.300	0.0312	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.99	0.0100	0.00109	N/A	6457356
Octa CDF **	pg/g	<0.115	0.115	9.97	0.000300	0.0000345	N/A	6457356
Total Tetra CDF **	pg/g	<0.100	0.100	0.997	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.113	0.113	4.99	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.992	1.00	0.113	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.96	1.00	0.103	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118 (1)	0.118	4.96	0.0100	0.00118	N/A	6457356
Octa CDD *	pg/g	0.306	0.111	9.92	0.000300	0.0000918	N/A	6457356
Total Tetra CDD *	pg/g	<0.113	0.113	0.992	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.142 (1)	0.142	4.96	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.187	0.111	4.96	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.992	0.100	0.0109	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.96	0.0300	0.00351	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.96	0.300	0.0327	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.96	0.100	0.0116	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.96	0.100	0.0116	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.96	0.100	0.0118	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.124	0.124	4.96	0.0100	0.00124	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.96	0.0100	0.00114	N/A	6457356
Octa CDF **	pg/g	<0.117	0.117	9.92	0.000300	0.0000351	N/A	6457356
Total Tetra CDF **	pg/g	<0.109	0.109	0.992	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.113	0.113	4.96	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.119	0.119	4.96	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.344	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.990	1.00	0.111	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.95	1.00	0.106	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.95	0.100	0.0114	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.95	0.0100	0.00112	N/A	6457356
Octa CDD *	pg/g	<0.282 (1)	0.282	9.90	0.000300	0.0000846	N/A	6457356
Total Tetra CDD *	pg/g	<0.111	0.111	0.990	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.106	0.106	4.95	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.156 (1)	0.156	4.95	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.112	0.112	4.95	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	0.126	0.114	0.990	0.100	0.0126	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.95	0.0300	0.00348	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.95	0.300	0.0324	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.95	0.100	0.0110	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.95	0.100	0.0118	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	4.95	0.0100	0.00121	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.95	0.0100	0.00111	N/A	6457356
Octa CDF **	pg/g	0.136	0.112	9.90	0.000300	0.0000408	N/A	6457356
Total Tetra CDF **	pg/g	0.126	0.114	0.990	N/A	N/A	1	6457356
Total Penta CDF **	pg/g	<0.112	0.112	4.95	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.115	0.115	4.95	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.116	0.116	4.95	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.995	1.00	0.118	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.97	1.00	0.109	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	0.292	0.100	4.97	0.100	0.0292	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.137	0.110	4.97	0.0100	0.00137	N/A	6457356
Octa CDD *	pg/g	<0.349 (1)	0.349	9.95	0.000300	0.000105	N/A	6457356
Total Tetra CDD *	pg/g	<0.118	0.118	0.995	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	0.617	0.104	4.97	N/A	N/A	2	6457356
Total Hepta CDD *	pg/g	0.137	0.110	4.97	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	0.218	0.112	0.995	0.100	0.0218	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.97	0.0300	0.00345	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.97	0.300	0.0321	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.97	0.100	0.0120	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.97	0.100	0.0120	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.97	0.100	0.0122	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.115	0.115	4.97	0.0100	0.00115	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.97	0.0100	0.00106	N/A	6457356
Octa CDF **	pg/g	<0.281 (1)	0.281	9.95	0.000300	0.0000843	N/A	6457356
Total Tetra CDF **	pg/g	0.218	0.112	0.995	N/A	N/A	1	6457356
Total Penta CDF **	pg/g	<0.111	0.111	4.97	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.119	0.119	4.97	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.125 (1)	0.125	4.97	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.386	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	105	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.999	1.00	0.114	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.99	1.00	0.119	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.820	0.108	4.99	0.0100	0.00820	N/A	6457356
Octa CDD *	pg/g	5.44	0.118	9.99	0.000300	0.00163	N/A	6457356
Total Tetra CDD *	pg/g	<0.114	0.114	0.999	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.119	0.119	4.99	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	0.173	0.120	4.99	N/A	N/A	1	6457356
Total Hepta CDD *	pg/g	2.82	0.108	4.99	N/A	N/A	2	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.999	0.100	0.0115	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.0300	0.00324	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.100	0.100	4.99	0.300	0.0300	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.99	0.0100	0.00116	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.99	0.0100	0.00107	N/A	6457356
Octa CDF **	pg/g	<0.269 (1)	0.269	9.99	0.000300	0.0000807	N/A	6457356
Total Tetra CDF **	pg/g	<0.115	0.115	0.999	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.206 (1)	0.206	4.99	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	0.159	0.112	4.99	N/A	N/A	1	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.372	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.998	1.00	0.115	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.99	1.00	0.114	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6457356
Octa CDD *	pg/g	0.204	0.119	9.98	0.000300	0.0000612	N/A	6457356
Total Tetra CDD *	pg/g	<0.115	0.115	0.998	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.143 (1)	0.143	4.99	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.119	0.110	4.99	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.998	0.100	0.0110	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.99	0.0300	0.00348	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.300	0.0324	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.99	0.0100	0.00120	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6457356
Octa CDF **	pg/g	<0.115	0.115	9.98	0.000300	0.0000345	N/A	6457356
Total Tetra CDF **	pg/g	<0.110	0.110	0.998	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.357	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	121	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.999	1.00	0.104	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	5.00	1.00	0.112	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.171 (1)	0.171	5.00	0.0100	0.00171	N/A	6457356
Octa CDD *	pg/g	0.654	0.106	9.99	0.000300	0.000196	N/A	6457356
Total Tetra CDD *	pg/g	<0.104	0.104	0.999	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	0.199	0.112	5.00	N/A	N/A	1	6457356
Total Hepta CDD *	pg/g	<0.171 (1)	0.171	5.00	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.999	0.100	0.0117	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	5.00	0.0300	0.00342	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	5.00	0.300	0.0318	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	5.00	0.0100	0.00118	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	5.00	0.0100	0.00109	N/A	6457356
Octa CDF **	pg/g	<0.183 (1)	0.183	9.99	0.000300	0.0000549	N/A	6457356
Total Tetra CDF **	pg/g	<0.117	0.117	0.999	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.110	0.110	5.00	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.108	0.108	5.00	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.158 (1)	0.158	5.00	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.992	1.00	0.109	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.96	1.00	0.114	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.96	0.0100	0.00116	N/A	6457356
Octa CDD *	pg/g	0.288	0.109	9.92	0.000300	0.0000864	N/A	6457356
Total Tetra CDD *	pg/g	<0.109	0.109	0.992	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.114	0.114	4.96	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.116	0.116	4.96	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.992	0.100	0.0113	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.96	0.0300	0.00348	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.96	0.300	0.0324	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0978	0.0978	4.96	0.100	0.00978	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.96	0.0100	0.00107	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0987	0.0987	4.96	0.0100	0.000987	N/A	6457356
Octa CDF **	pg/g	<0.118	0.118	9.92	0.000300	0.0000354	N/A	6457356
Total Tetra CDF **	pg/g	<0.113	0.113	0.992	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.267 (1)	0.267	4.96	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.347	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.995	1.00	0.102	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.98	1.00	0.119	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.171	0.112	4.98	0.0100	0.00171	N/A	6457356
Octa CDD *	pg/g	0.617	0.115	9.95	0.000300	0.000185	N/A	6457356
Total Tetra CDD *	pg/g	<0.102	0.102	0.995	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.196 (1)	0.196	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.171	0.112	4.98	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.995	0.100	0.0108	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.98	0.0300	0.00363	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.98	0.300	0.0336	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.98	0.0100	0.00116	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.98	0.0100	0.00107	N/A	6457356
Octa CDF **	pg/g	0.213	0.110	9.95	0.000300	0.0000639	N/A	6457356
Total Tetra CDF **	pg/g	<0.108	0.108	0.995	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.385 (1)	0.385	4.98	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.994	1.00	0.112	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.97	1.00	0.109	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.97	0.100	0.0113	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	6457356
Octa CDD *	pg/g	0.299	0.106	9.94	0.000300	0.0000897	N/A	6457356
Total Tetra CDD *	pg/g	<0.112	0.112	0.994	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.127 (1)	0.127	4.97	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.136	0.116	4.97	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.0934	0.0934	0.994	0.100	0.00934	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.97	0.0300	0.00342	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.97	0.300	0.0318	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0977	0.0977	4.97	0.100	0.00977	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.109	0.109	4.97	0.0100	0.00109	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.97	0.0100	0.00101	N/A	6457356
Octa CDF **	pg/g	<0.109	0.109	9.94	0.000300	0.0000327	N/A	6457356
Total Tetra CDF **	pg/g	<0.0934	0.0934	0.994	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.467 (1)	0.467	4.97	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.102	0.102	4.97	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.994	1.00	0.113	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.103	0.103	4.97	1.00	0.103	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	6457356
Octa CDD *	pg/g	<0.109	0.109	9.94	0.000300	0.0000327	N/A	6457356
Total Tetra CDD *	pg/g	<0.113	0.113	0.994	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.103	0.103	4.97	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.108 (1)	0.108	4.97	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.116	0.116	4.97	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.994	0.100	0.0105	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.0926	0.0926	4.97	0.0300	0.00278	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0860	0.0860	4.97	0.300	0.0258	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0864	0.0864	4.97	0.0100	0.000864	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0799	0.0799	4.97	0.0100	0.000799	N/A	6457356
Octa CDF **	pg/g	<0.105	0.105	9.94	0.000300	0.0000315	N/A	6457356
Total Tetra CDF **	pg/g	<0.105	0.105	0.994	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.0892	0.0892	4.97	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.107	0.107	4.97	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.0830	0.0830	4.97	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.333	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.238	0.119	4.98	0.0100	0.00238	N/A	6457356
Octa CDD *	pg/g	0.803	0.113	9.96	0.000300	0.000241	N/A	6457356
Total Tetra CDD *	pg/g	<0.109	0.109	0.996	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.151 (1)	0.151	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	0.238	0.119	4.98	N/A	N/A	1	6457356
2,3,7,8-Tetra CDF **	pg/g	0.176	0.111	0.996	0.100	0.0176	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.98	0.0300	0.00366	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	4.98	0.300	0.0339	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.137	0.121	4.98	0.0100	0.00137	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.98	0.0100	0.00112	N/A	6457356
Octa CDF **	pg/g	0.284	0.119	9.96	0.000300	0.0000852	N/A	6457356
Total Tetra CDF **	pg/g	0.421	0.111	0.996	N/A	N/A	2	6457356
Total Penta CDF **	pg/g	0.262	0.117	4.98	N/A	N/A	1	6457356
Total Hexa CDF **	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	0.288	0.116	4.98	N/A	N/A	2	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.359	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.999	1.00	0.110	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	5.00	1.00	0.110	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.117	0.117	5.00	0.0100	0.00117	N/A	6457356
Octa CDD *	pg/g	0.193	0.112	9.99	0.000300	0.0000579	N/A	6457356
Total Tetra CDD *	pg/g	<0.110	0.110	0.999	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.110	0.110	5.00	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.118	0.118	5.00	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.117	0.117	5.00	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.999	0.100	0.0109	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.103	0.103	5.00	0.0300	0.00309	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0953	0.0953	5.00	0.300	0.0286	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0970	0.0970	5.00	0.100	0.00970	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	5.00	0.0100	0.00121	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	5.00	0.0100	0.00112	N/A	6457356
Octa CDF **	pg/g	<0.118	0.118	9.99	0.000300	0.0000354	N/A	6457356
Total Tetra CDF **	pg/g	<0.109	0.109	0.999	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.0988	0.0988	5.00	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.102	0.102	5.00	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.116	0.116	5.00	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.342	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.996	1.00	0.105	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.98	1.00	0.118	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	6457356
Octa CDD *	pg/g	<0.157 (1)	0.157	9.96	0.000300	0.0000471	N/A	6457356
Total Tetra CDD *	pg/g	<0.105	0.105	0.996	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	0.205	0.111	0.996	0.100	0.0205	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.98	0.0300	0.00315	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0976	0.0976	4.98	0.300	0.0293	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0967	0.0967	4.98	0.100	0.00967	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.98	0.0100	0.00102	N/A	6457356
Octa CDF **	pg/g	<0.119	0.119	9.96	0.000300	0.0000357	N/A	6457356
Total Tetra CDF **	pg/g	0.205	0.111	0.996	N/A	N/A	1	6457356
Total Penta CDF **	pg/g	<0.101	0.101	4.98	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.101	0.101	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.996	1.00	0.114	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.98	1.00	0.118	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.102	0.102	4.98	0.0100	0.00102	N/A	6457356
Octa CDD *	pg/g	<0.272 (1)	0.272	9.96	0.000300	0.0000816	N/A	6457356
Total Tetra CDD *	pg/g	<0.114	0.114	0.996	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.996	0.100	0.0108	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	4.98	0.0300	0.00327	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.300	0.0303	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.123	0.123	4.98	0.0100	0.00123	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6457356
Octa CDF **	pg/g	<0.113	0.113	9.96	0.000300	0.0000339	N/A	6457356
Total Tetra CDF **	pg/g	<0.108	0.108	0.996	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.997	1.00	0.116	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.98	1.00	0.111	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.98	0.0100	0.00115	N/A	6457356
Octa CDD *	pg/g	0.153	0.115	9.97	0.000300	0.0000459	N/A	6457356
Total Tetra CDD *	pg/g	<0.116	0.116	0.997	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.997	0.100	0.0103	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.98	0.0300	0.00292	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0903	0.0903	4.98	0.300	0.0271	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.98	0.0100	0.00102	N/A	6457356
Octa CDF **	pg/g	<0.0984	0.0984	9.97	0.000300	0.0000295	N/A	6457356
Total Tetra CDF **	pg/g	<0.103	0.103	0.997	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.0936	0.0936	4.98	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.346	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.994	1.00	0.115	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.97	1.00	0.109	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.97	0.100	0.0119	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.97	0.100	0.0114	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.97	0.0100	0.00115	N/A	6457356
Octa CDD *	pg/g	0.330	0.112	9.94	0.000300	0.0000990	N/A	6457356
Total Tetra CDD *	pg/g	<0.115	0.115	0.994	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.170 (1)	0.170	4.97	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.994	0.100	0.0114	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.0812	0.0812	4.97	0.0300	0.00244	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.0753	0.0753	4.97	0.300	0.0226	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.97	0.100	0.0100	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.97	0.100	0.0108	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.97	0.0100	0.00119	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.97	0.0100	0.00110	N/A	6457356
Octa CDF **	pg/g	<0.122 (2)	0.122	9.94	0.000300	0.0000366	N/A	6457356
Total Tetra CDF **	pg/g	<0.114	0.114	0.994	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.0781	0.0781	4.97	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.114	0.114	4.97	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.341	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.995	1.00	0.109	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6457356
Octa CDD *	pg/g	0.332	0.100	9.95	0.000300	0.0000996	N/A	6457356
Total Tetra CDD *	pg/g	<0.109	0.109	0.995	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.209 (1)	0.209	4.98	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.995	0.100	0.0110	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.98	0.0300	0.00369	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.300	0.0342	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.98	0.0100	0.00117	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6457356
Octa CDF **	pg/g	<0.113	0.113	9.95	0.000300	0.0000339	N/A	6457356
Total Tetra CDF **	pg/g	<0.110	0.110	0.995	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.116	0.116	4.98	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.356	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	1.00	1.00	0.114	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	5.00	1.00	0.114	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.117	0.117	5.00	0.0100	0.00117	N/A	6457356
Octa CDD *	pg/g	0.241	0.106	10.0	0.000300	0.0000723	N/A	6457356
Total Tetra CDD *	pg/g	<0.114	0.114	1.00	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.178 (1)	0.178	5.00	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.117	0.117	5.00	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	1.00	0.100	0.0110	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	5.00	0.0300	0.00330	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	5.00	0.300	0.0306	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	5.00	0.100	0.00989	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	5.00	0.0100	0.00113	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	5.00	0.0100	0.00105	N/A	6457356
Octa CDF **	pg/g	<0.106	0.106	10.0	0.000300	0.0000318	N/A	6457356
Total Tetra CDF **	pg/g	<0.110	0.110	1.00	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.106	0.106	5.00	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.104	0.104	5.00	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.109	0.109	5.00	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.991	1.00	0.102	N/A	6457356
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.96	1.00	0.106	N/A	6457356
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	6457356
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6457356
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6457356
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.102	0.102	4.96	0.0100	0.00102	N/A	6457356
Octa CDD *	pg/g	0.160	0.117	9.91	0.000300	0.0000480	N/A	6457356
Total Tetra CDD *	pg/g	<0.102	0.102	0.991	N/A	N/A	0	6457356
Total Penta CDD *	pg/g	<0.106	0.106	4.96	N/A	N/A	0	6457356
Total Hexa CDD *	pg/g	<0.191 (1)	0.191	4.96	N/A	N/A	0	6457356
Total Hepta CDD *	pg/g	<0.102	0.102	4.96	N/A	N/A	0	6457356
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.991	0.100	0.0106	N/A	6457356
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.96	0.0300	0.00339	N/A	6457356
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.300	0.0315	N/A	6457356
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6457356
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6457356
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0987	0.0987	4.96	0.100	0.00987	N/A	6457356
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6457356
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	4.96	0.0100	0.00121	N/A	6457356
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6457356
Octa CDF **	pg/g	<0.118	0.118	9.91	0.000300	0.0000354	N/A	6457356
Total Tetra CDF **	pg/g	<0.106	0.106	0.991	N/A	N/A	0	6457356
Total Penta CDF **	pg/g	<0.109	0.109	4.96	N/A	N/A	0	6457356
Total Hexa CDF **	pg/g	<0.103	0.103	4.96	N/A	N/A	0	6457356
Total Hepta CDF **	pg/g	<0.116	0.116	4.96	N/A	N/A	0	6457356
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.332	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6457356
C13-123478 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6457356
C13-123678 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6457356
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6457356
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6457356
C13-234678 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6457356
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6457356
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6457356
C13-OCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6457356

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.990	1.00	0.102	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.95	1.00	0.111	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.95	0.100	0.0114	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.95	0.100	0.0109	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.95	0.100	0.0112	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.202	0.117	4.95	0.0100	0.00202	N/A	6460728
Octa CDD *	pg/g	<1.23 (1)	1.23	9.90	0.000300	0.000369	N/A	6460728
Total Tetra CDD *	pg/g	<0.102	0.102	0.990	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.111	0.111	4.95	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.113	0.113	4.95	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	0.202	0.117	4.95	N/A	N/A	1	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.990	0.100	0.0107	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.95	0.0300	0.00345	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.95	0.300	0.0321	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.95	0.100	0.0108	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.122	0.122	4.95	0.0100	0.00122	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.95	0.0100	0.00113	N/A	6460728
Octa CDF **	pg/g	<0.114 (1)	0.114	9.90	0.000300	0.0000342	N/A	6460728
Total Tetra CDF **	pg/g	<0.107	0.107	0.990	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.111	0.111	4.95	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.113	0.113	4.95	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.117	0.117	4.95	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.343	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.998	1.00	0.102	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0989	0.0989	4.99	0.100	0.00989	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.99	0.0100	0.00116	N/A	6460728
Octa CDD *	pg/g	<0.131	0.131	9.98	0.000300	0.0000393	N/A	6460728
Total Tetra CDD *	pg/g	<0.102	0.102	0.998	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.998	0.100	0.0104	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.99	0.0300	0.00336	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.300	0.0312	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.124	0.124	4.99	0.0100	0.00124	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.99	0.0100	0.00114	N/A	6460728
Octa CDF **	pg/g	<0.129	0.129	9.98	0.000300	0.0000387	N/A	6460728
Total Tetra CDF **	pg/g	<0.104	0.104	0.998	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.119	0.119	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.337	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.998	1.00	0.110	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.99	1.00	0.105	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.99	0.0100	0.00109	N/A	6460728
Octa CDD *	pg/g	<0.144	0.144	9.98	0.000300	0.0000432	N/A	6460728
Total Tetra CDD *	pg/g	<0.110	0.110	0.998	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.998	0.100	0.0112	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.99	0.0300	0.00348	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.300	0.0324	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0924	0.0924	4.99	0.0100	0.000924	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0854	0.0854	4.99	0.0100	0.000854	N/A	6460728
Octa CDF **	pg/g	<0.152	0.152	9.98	0.000300	0.0000456	N/A	6460728
Total Tetra CDF **	pg/g	<0.112	0.112	0.998	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.0887	0.0887	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.341	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.991	1.00	0.111	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.95	1.00	0.114	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.114	0.114	4.95	0.100	0.0114	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.222	0.108	4.95	0.0100	0.00222	N/A	6460728
Octa CDD *	pg/g	0.751	0.106	9.91	0.000300	0.000225	N/A	6460728
Total Tetra CDD *	pg/g	<0.111	0.111	0.991	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.114	0.114	4.95	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.175 (1)	0.175	4.95	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	0.402	0.108	4.95	N/A	N/A	2	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.991	0.100	0.0106	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.95	0.0300	0.00351	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.95	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.95	0.100	0.0105	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.95	0.0100	0.00119	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.95	0.0100	0.00110	N/A	6460728
Octa CDF **	pg/g	<0.209 (1)	0.209	9.91	0.000300	0.0000627	N/A	6460728
Total Tetra CDF **	pg/g	<0.106	0.106	0.991	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.113	0.113	4.95	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.110	0.110	4.95	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.114	0.114	4.95	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.355	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.998	1.00	0.111	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	0.226	0.120	4.99	1.00	0.226	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	0.223	0.111	4.99	0.100	0.0223	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.202 (1)	0.202	4.99	0.100	0.0202	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	0.180	0.109	4.99	0.100	0.0180	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.167 (1)	0.167	4.99	0.0100	0.00167	N/A	6460728
Octa CDD *	pg/g	0.458	0.114	9.98	0.000300	0.000137	N/A	6460728
Total Tetra CDD *	pg/g	<0.111	0.111	0.998	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	0.226	0.120	4.99	N/A	N/A	1	6460728
Total Hexa CDD *	pg/g	0.403	0.110	4.99	N/A	N/A	2	6460728
Total Hepta CDD *	pg/g	<0.167 (1)	0.167	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	0.111	0.100	0.998	0.100	0.0111	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	0.208	0.115	4.99	0.0300	0.00624	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	0.232	0.107	4.99	0.300	0.0696	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	0.229	0.108	4.99	0.100	0.0229	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	0.274	0.108	4.99	0.100	0.0274	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	0.215	0.102	4.99	0.100	0.0215	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	0.231	0.109	4.99	0.100	0.0231	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.191	0.114	4.99	0.0100	0.00191	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.155 (1)	0.155	4.99	0.0100	0.00155	N/A	6460728
Octa CDF **	pg/g	0.286	0.115	9.98	0.000300	0.0000858	N/A	6460728
Total Tetra CDF **	pg/g	0.111	0.100	0.998	N/A	N/A	1	6460728
Total Penta CDF **	pg/g	0.440	0.111	4.99	N/A	N/A	2	6460728
Total Hexa CDF **	pg/g	0.949	0.106	4.99	N/A	N/A	4	6460728
Total Hepta CDF **	pg/g	0.191	0.109	4.99	N/A	N/A	1	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.585	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF940						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.997	1.00	0.117	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.129	0.129	4.99	1.00	0.129	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.382	0.122	4.99	0.100	0.0382	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.127	0.127	4.99	0.100	0.0127	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.318 (1)	0.318	4.99	0.0100	0.00318	N/A	6354007
Octa CDD *	pg/g	<0.825 (2)	0.825	9.97	0.000300	0.000248	N/A	6354007
Total Tetra CDD *	pg/g	0.165	0.117	0.997	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	<0.192 (2)	0.192	4.99	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	1.18	0.120	4.99	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	<0.355 (3)	0.355	4.99	N/A	N/A	0	6354007
2,3,7,8-Tetra CDF **	pg/g	0.342	0.134	0.997	0.100	0.0342	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.141	0.141	4.99	0.0300	0.00423	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.132	0.132	4.99	0.300	0.0396	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.99	0.100	0.0122	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.139	0.139	4.99	0.0100	0.00139	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.138	0.138	4.99	0.0100	0.00138	N/A	6354007
Octa CDF **	pg/g	<0.213	0.213	9.97	0.000300	0.0000639	N/A	6354007
Total Tetra CDF **	pg/g	1.49	0.134	0.997	N/A	N/A	6	6354007
Total Penta CDF **	pg/g	<1.48 (2)	1.48	4.99	N/A	N/A	0	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit
RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(3) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF940						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	<0.122	0.122	4.99	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	0.193	0.138	4.99	N/A	N/A	1	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.441	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	34	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.445	0.132	0.996	1.00	0.445	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.261	0.140	4.98	1.00	0.261	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.127	0.127	4.98	0.100	0.0127	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.574	0.135	4.98	0.100	0.0574	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.140	0.140	4.98	0.100	0.0140	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.63	0.140	4.98	0.0100	0.0163	N/A	6354007
Octa CDD *	pg/g	1.79	0.270	9.96	0.000300	0.000537	N/A	6354007
Total Tetra CDD *	pg/g	0.445	0.132	0.996	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	0.261	0.140	4.98	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	3.03	0.132	4.98	N/A	N/A	3	6354007
Total Hepta CDD *	pg/g	4.31	0.140	4.98	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	1.13	0.123	0.996	0.100	0.113	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.126	0.126	4.98	0.0300	0.00378	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	0.149	0.118	4.98	0.300	0.0447	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.98	0.100	0.0126	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.98	0.100	0.0129	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.129	0.129	4.98	0.100	0.0129	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.134	0.134	4.98	0.0100	0.00134	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.134	0.134	4.98	0.0100	0.00134	N/A	6354007
Octa CDF **	pg/g	0.391	0.283	9.96	0.000300	0.000117	N/A	6354007
Total Tetra CDF **	pg/g	4.13	0.123	0.996	N/A	N/A	6	6354007
Total Penta CDF **	pg/g	1.07	0.121	4.98	N/A	N/A	3	6354007
Total Hexa CDF **	pg/g	0.210	0.126	4.98	N/A	N/A	1	6354007
Total Hepta CDF **	pg/g	<0.333 (1)	0.333	4.98	N/A	N/A	0	6354007
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.39	0.11	1.0	0.100	0.139	N/A	6371121
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.05	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6371121
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF957						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.158	0.158	0.996	1.00	0.158	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.98	1.00	0.111	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.178	0.178	4.98	0.100	0.0178	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.296	0.184	4.98	0.100	0.0296	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.190	0.190	4.98	0.100	0.0190	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.160	0.160	4.98	0.0100	0.00160	N/A	6354007
Octa CDD *	pg/g	<0.303	0.303	9.96	0.000300	0.0000909	N/A	6354007
Total Tetra CDD *	pg/g	<0.158	0.158	0.996	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	1.00	0.186	4.98	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	<0.160	0.160	4.98	N/A	N/A	0	6354007
2,3,7,8-Tetra CDF **	pg/g	0.398	0.136	0.996	0.100	0.0398	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.0300	0.00342	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.98	0.300	0.0318	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.186	0.186	4.98	0.100	0.0186	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.191	0.191	4.98	0.100	0.0191	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.176	0.176	4.98	0.100	0.0176	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.191	0.191	4.98	0.100	0.0191	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.184	0.184	4.98	0.0100	0.00184	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.183	0.183	4.98	0.0100	0.00183	N/A	6354007
Octa CDF **	pg/g	<0.186	0.186	9.96	0.000300	0.0000558	N/A	6354007
Total Tetra CDF **	pg/g	1.12	0.136	0.996	N/A	N/A	3	6354007
Total Penta CDF **	pg/g	<0.617 (1)	0.617	4.98	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	<0.186	0.186	4.98	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.183	0.183	4.98	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.490	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF957						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	106	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF969						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.152	0.152	0.997	1.00	0.152	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.156	0.156	4.99	1.00	0.156	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.149	0.149	4.99	0.100	0.0149	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.499	0.153	4.99	0.100	0.0499	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.158	0.158	4.99	0.100	0.0158	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<1.13 (1)	1.13	4.99	0.0100	0.0113	N/A	6354007
Octa CDD *	pg/g	0.909	0.253	9.97	0.000300	0.000273	N/A	6354007
Total Tetra CDD *	pg/g	<0.185 (1)	0.185	0.997	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	<0.156	0.156	4.99	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	1.80	0.155	4.99	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	2.69	0.319	4.99	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	1.37	0.150	0.997	0.100	0.137	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.161	0.161	4.99	0.0300	0.00483	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.150	0.150	4.99	0.300	0.0450	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.187	0.187	4.99	0.100	0.0187	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.193	0.193	4.99	0.100	0.0193	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.178	0.178	4.99	0.100	0.0178	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.193	0.193	4.99	0.100	0.0193	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.232	0.232	4.99	0.0100	0.00232	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.230	0.230	4.99	0.0100	0.00230	N/A	6354007
Octa CDF **	pg/g	<0.251	0.251	9.97	0.000300	0.0000753	N/A	6354007
Total Tetra CDF **	pg/g	3.64	0.150	0.997	N/A	N/A	4	6354007
Total Penta CDF **	pg/g	0.387	0.155	4.99	N/A	N/A	1	6354007
Total Hexa CDF **	pg/g	<0.342 (1)	0.342	4.99	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.231	0.231	4.99	N/A	N/A	0	6354007
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.44	0.12	1.0	0.100	0.144	N/A	6371121
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.674	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF969						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6371121
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF986						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0892	0.0892	0.999	1.00	0.0892	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.124	0.124	5.00	1.00	0.124	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0756	0.0756	5.00	0.100	0.00756	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.276	0.0750	5.00	0.100	0.0276	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0785	0.0785	5.00	0.100	0.00785	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.68	0.166	5.00	0.0100	0.0168	N/A	6354007
Octa CDD *	pg/g	9.63	0.563	9.99	0.000300	0.00289	N/A	6354007
Total Tetra CDD *	pg/g	<0.174 (1)	0.174	0.999	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	<0.124	0.124	5.00	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	1.38	0.0763	5.00	N/A	N/A	3	6354007
Total Hepta CDD *	pg/g	6.08	0.166	5.00	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	0.409	0.102	0.999	0.100	0.0409	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.161 (1)	0.161	5.00	0.0300	0.00483	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.0873	0.0873	5.00	0.300	0.0262	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.170	0.170	5.00	0.0100	0.00170	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.165	0.165	5.00	0.0100	0.00165	N/A	6354007
Octa CDF **	pg/g	0.356	0.173	9.99	0.000300	0.000107	N/A	6354007
Total Tetra CDF **	pg/g	1.10	0.102	0.999	N/A	N/A	4	6354007
Total Penta CDF **	pg/g	0.157	0.0906	5.00	N/A	N/A	1	6354007
Total Hexa CDF **	pg/g	0.433	0.112	5.00	N/A	N/A	2	6354007
Total Hepta CDF **	pg/g	0.500	0.167	5.00	N/A	N/A	1	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.396	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQF986						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG000						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.219	0.136	0.999	1.00	0.219	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	5.00	1.00	0.107	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	0.269	0.191	5.00	0.100	0.0269	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.190	0.190	5.00	0.100	0.0190	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.198	0.198	5.00	0.100	0.0198	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.342	0.205	5.00	0.0100	0.00342	N/A	6354007
Octa CDD *	pg/g	<0.289	0.289	9.99	0.000300	0.0000867	N/A	6354007
Total Tetra CDD *	pg/g	0.219	0.136	0.999	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	<0.125 (1)	0.125	5.00	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	0.560	0.193	5.00	N/A	N/A	1	6354007
Total Hepta CDD *	pg/g	0.342	0.205	5.00	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.474	0.116	0.999	0.100	0.0474	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	5.00	0.0300	0.00363	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	5.00	0.300	0.0339	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.159	0.159	5.00	0.100	0.0159	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.158	0.158	5.00	0.100	0.0158	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.148	0.148	5.00	0.100	0.0148	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.159	0.159	5.00	0.100	0.0159	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.199	0.199	5.00	0.0100	0.00199	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.194	0.194	5.00	0.0100	0.00194	N/A	6354007
Octa CDF **	pg/g	<0.234	0.234	9.99	0.000300	0.0000702	N/A	6354007
Total Tetra CDF **	pg/g	1.46	0.116	0.999	N/A	N/A	6	6354007
Total Penta CDF **	pg/g	0.884	0.117	5.00	N/A	N/A	1	6354007
Total Hexa CDF **	pg/g	<0.156	0.156	5.00	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.252 (1)	0.252	5.00	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.547	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG000						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG000						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-36 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.173	0.0928	0.996	1.00	0.173	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	0.313	0.168	4.98	0.100	0.0313	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.167	0.167	4.98	0.100	0.0167	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.174	0.174	4.98	0.100	0.0174	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.308	0.253	4.98	0.0100	0.00308	N/A	6354007
Octa CDD *	pg/g	<1.01 (1)	1.01	9.96	0.000300	0.000303	N/A	6354007
Total Tetra CDD *	pg/g	0.173	0.0928	0.996	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6354007
Total Hexa CDD *	pg/g	0.781	0.169	4.98	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	0.308	0.253	4.98	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.463	0.104	0.996	0.100	0.0463	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.98	0.0300	0.00336	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.98	0.300	0.0312	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.130	0.130	4.98	0.0100	0.00130	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.127	0.127	4.98	0.0100	0.00127	N/A	6354007
Octa CDF **	pg/g	<0.158	0.158	9.96	0.000300	0.0000474	N/A	6354007
Total Tetra CDF **	pg/g	1.15	0.104	0.996	N/A	N/A	5	6354007
Total Penta CDF **	pg/g	<0.688 (1)	0.688	4.98	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	<0.116	0.116	4.98	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.129	0.129	4.98	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.487	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG000						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-36 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG015						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.164	0.164	0.990	1.00	0.164	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.390	0.191	4.95	1.00	0.390	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.191	0.191	4.95	0.100	0.0191	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.816	0.196	4.95	0.100	0.0816	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.203	0.203	4.95	0.100	0.0203	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.12	0.180	4.95	0.0100	0.0112	N/A	6354007
Octa CDD *	pg/g	<3.24 (1)	3.24	9.90	0.000300	0.000972	N/A	6354007
Total Tetra CDD *	pg/g	<0.164	0.164	0.990	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	0.390	0.191	4.95	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	2.48	0.199	4.95	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	4.20	0.180	4.95	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	0.662	0.158	0.990	0.100	0.0662	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.194	0.194	4.95	0.0300	0.00582	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.181	0.181	4.95	0.300	0.0543	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.191	0.191	4.95	0.100	0.0191	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.197	0.197	4.95	0.100	0.0197	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.182	0.182	4.95	0.100	0.0182	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.197	0.197	4.95	0.100	0.0197	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.259	0.259	4.95	0.0100	0.00259	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.258	0.258	4.95	0.0100	0.00258	N/A	6354007
Octa CDF **	pg/g	<0.321	0.321	9.90	0.000300	0.0000963	N/A	6354007
Total Tetra CDF **	pg/g	0.960	0.158	0.990	N/A	N/A	2	6354007
Total Penta CDF **	pg/g	<0.374 (2)	0.374	4.95	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	<0.191	0.191	4.95	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.258	0.258	4.95	N/A	N/A	0	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG015						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.895	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	43	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG025						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.999	1.00	0.103	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.299	0.149	4.99	1.00	0.299	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.461	0.120	4.99	0.100	0.0461	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	0.231	0.125	4.99	0.100	0.0231	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.698	0.152	4.99	0.0100	0.00698	N/A	6354007
Octa CDD *	pg/g	0.938	0.177	9.99	0.000300	0.000281	N/A	6354007
Total Tetra CDD *	pg/g	0.431	0.103	0.999	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	0.299	0.149	4.99	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	2.39	0.122	4.99	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	1.71	0.152	4.99	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	1.45	0.0896	0.999	0.100	0.145	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.0982	0.0982	4.99	0.0300	0.00295	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	0.197	0.0911	4.99	0.300	0.0591	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.180	0.180	4.99	0.0100	0.00180	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.176	0.176	4.99	0.0100	0.00176	N/A	6354007
Octa CDF **	pg/g	<0.143	0.143	9.99	0.000300	0.0000429	N/A	6354007
Total Tetra CDF **	pg/g	6.06	0.0896	0.999	N/A	N/A	10	6354007
Total Penta CDF **	pg/g	0.489	0.0945	4.99	N/A	N/A	2	6354007
Total Hexa CDF **	pg/g	0.357	0.118	4.99	N/A	N/A	2	6354007
Total Hepta CDF **	pg/g	<0.178	0.178	4.99	N/A	N/A	0	6354007
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.49	0.099	1.0	0.100	0.149	N/A	6371121
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.752	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG025						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6371121
37CL4 2378 Tetra CDD *	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6354007

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.135	0.135	0.999	1.00	0.135	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.193	0.139	4.99	1.00	0.193	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.366	0.118	4.99	0.100	0.0366	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.124	0.124	4.99	0.100	0.0124	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.308 (1)	0.308	4.99	0.0100	0.00308	N/A	6354007
Octa CDD *	pg/g	0.798	0.208	9.99	0.000300	0.000239	N/A	6354007
Total Tetra CDD *	pg/g	<0.135	0.135	0.999	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	0.470	0.139	4.99	N/A	N/A	2	6354007
Total Hexa CDD *	pg/g	0.366	0.120	4.99	N/A	N/A	1	6354007
Total Hepta CDD *	pg/g	0.380	0.121	4.99	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.616	0.110	0.999	0.100	0.0616	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.102	0.102	4.99	0.0300	0.00306	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.0943	0.0943	4.99	0.300	0.0283	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.128	0.128	4.99	0.100	0.0128	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.99	0.0100	0.00119	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.99	0.0100	0.00116	N/A	6354007
Octa CDF **	pg/g	<0.168	0.168	9.99	0.000300	0.0000504	N/A	6354007
Total Tetra CDF **	pg/g	1.81	0.110	0.999	N/A	N/A	6	6354007
Total Penta CDF **	pg/g	<1.18 (1)	1.18	4.99	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	0.142	0.126	4.99	N/A	N/A	1	6354007
Total Hepta CDF **	pg/g	<0.118 (1)	0.118	4.99	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.538	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6354007

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

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N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG037						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.151 (1)	0.151	0.997	1.00	0.151	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.690 (1)	0.690	4.99	1.00	0.690	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.123	0.123	4.99	0.100	0.0123	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	1.49	0.122	4.99	0.100	0.149	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	0.333	0.127	4.99	0.100	0.0333	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.29	0.133	4.99	0.0100	0.0129	N/A	6354007
Octa CDD *	pg/g	2.10	0.233	9.97	0.000300	0.000630	N/A	6354007
Total Tetra CDD *	pg/g	0.517	0.124	0.997	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	0.618	0.148	4.99	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	5.27	0.124	4.99	N/A	N/A	4	6354007
Total Hepta CDD *	pg/g	3.20	0.133	4.99	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	2.40	0.109	0.997	0.100	0.240	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.165 (1)	0.165	4.99	0.0300	0.00495	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	0.399	0.105	4.99	0.300	0.120	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.99	0.100	0.0101	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.99	0.100	0.0101	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0945	0.0945	4.99	0.100	0.00945	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.99	0.100	0.0101	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.231	0.117	4.99	0.0100	0.00231	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6354007
Octa CDF **	pg/g	<0.188	0.188	9.97	0.000300	0.0000564	N/A	6354007
Total Tetra CDF **	pg/g	7.57	0.109	0.997	N/A	N/A	11	6354007
Total Penta CDF **	pg/g	1.27	0.109	4.99	N/A	N/A	2	6354007
Total Hexa CDF **	pg/g	0.551	0.0994	4.99	N/A	N/A	2	6354007
Total Hepta CDF **	pg/g	0.231	0.115	4.99	N/A	N/A	1	6354007
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.33	0.10	1.0	0.100	0.233	N/A	6371121
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.45	N/A	N/A

EDL = Estimated Detection Limit

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG037						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6371121
37CL4 2378 Tetra CDD *	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6354007

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N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG038						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0843	0.0843	0.997	1.00	0.0843	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.393	0.139	4.98	1.00	0.393	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.184	0.184	4.98	0.100	0.0184	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.713	0.183	4.98	0.100	0.0713	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.191	0.191	4.98	0.100	0.0191	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.835	0.217	4.98	0.0100	0.00835	N/A	6354007
Octa CDD *	pg/g	2.73	0.257	9.97	0.000300	0.000819	N/A	6354007
Total Tetra CDD *	pg/g	0.160	0.0843	0.997	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	1.04	0.139	4.98	N/A	N/A	3	6354007
Total Hexa CDD *	pg/g	3.54	0.186	4.98	N/A	N/A	3	6354007
Total Hepta CDD *	pg/g	2.96	0.217	4.98	N/A	N/A	2	6354007
2,3,7,8-Tetra CDF **	pg/g	0.639	0.108	0.997	0.100	0.0639	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.152	0.152	4.98	0.0300	0.00456	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.141	0.141	4.98	0.300	0.0423	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.115 (1)	0.115	4.98	0.0100	0.00115	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0911	0.0911	4.98	0.0100	0.000911	N/A	6354007
Octa CDF **	pg/g	<0.238	0.238	9.97	0.000300	0.0000714	N/A	6354007
Total Tetra CDF **	pg/g	2.49	0.108	0.997	N/A	N/A	7	6354007
Total Penta CDF **	pg/g	0.338	0.146	4.98	N/A	N/A	1	6354007
Total Hexa CDF **	pg/g	0.220	0.109	4.98	N/A	N/A	1	6354007
Total Hepta CDF **	pg/g	0.184	0.0924	4.98	N/A	N/A	1	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.752	N/A	N/A

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG038						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6354007

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N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG039						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0882	0.0882	0.998	1.00	0.0882	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.127	0.107	4.99	1.00	0.127	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.143	0.143	4.99	0.100	0.0143	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.148	0.148	4.99	0.100	0.0148	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.362 (1)	0.362	4.99	0.0100	0.00362	N/A	6354007
Octa CDD *	pg/g	1.39	0.244	9.98	0.000300	0.000417	N/A	6354007
Total Tetra CDD *	pg/g	0.262	0.0882	0.998	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	0.277	0.107	4.99	N/A	N/A	2	6354007
Total Hexa CDD *	pg/g	0.397	0.144	4.99	N/A	N/A	1	6354007
Total Hepta CDD *	pg/g	0.945	0.147	4.99	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.813	0.0758	0.998	0.100	0.0813	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.99	0.0300	0.00360	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.300	0.0333	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0998	0.0998	4.99	0.100	0.00998	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.148	0.148	4.99	0.0100	0.00148	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.144	0.144	4.99	0.0100	0.00144	N/A	6354007
Octa CDF **	pg/g	<0.165	0.165	9.98	0.000300	0.0000495	N/A	6354007
Total Tetra CDF **	pg/g	2.68	0.0758	0.998	N/A	N/A	7	6354007
Total Penta CDF **	pg/g	<1.71 (1)	1.71	4.99	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.146	0.146	4.99	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.426	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG039						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG040						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0992	0.0992	0.997	1.00	0.0992	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.401	0.139	4.99	1.00	0.401	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.577 (1)	0.577	4.99	0.100	0.0577	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	0.185	0.114	4.99	0.100	0.0185	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<1.63 (1)	1.63	4.99	0.0100	0.0163	N/A	6354007
Octa CDD *	pg/g	3.06	0.280	9.97	0.000300	0.000918	N/A	6354007
Total Tetra CDD *	pg/g	0.954	0.0992	0.997	N/A	N/A	2	6354007
Total Penta CDD *	pg/g	0.401	0.139	4.99	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	2.37	0.111	4.99	N/A	N/A	3	6354007
Total Hepta CDD *	pg/g	5.63	0.141	4.99	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	1.65	0.0698	0.997	0.100	0.165	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.244 (1)	0.244	4.99	0.0300	0.00732	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	0.227	0.117	4.99	0.300	0.0681	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.230	0.0933	4.99	0.0100	0.00230	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0907	0.0907	4.99	0.0100	0.000907	N/A	6354007
Octa CDF **	pg/g	<0.263	0.263	9.97	0.000300	0.0000789	N/A	6354007
Total Tetra CDF **	pg/g	6.41	0.0698	0.997	N/A	N/A	10	6354007
Total Penta CDF **	pg/g	0.463	0.121	4.99	N/A	N/A	2	6354007
Total Hexa CDF **	pg/g	0.392	0.114	4.99	N/A	N/A	2	6354007
Total Hepta CDF **	pg/g	0.637	0.0920	4.99	N/A	N/A	2	6354007
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.66	0.11	1.0	0.100	0.166	N/A	6371121
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.895	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG040						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6371121
37CL4 2378 Tetra CDD *	%	85	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG041						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0829	0.0829	0.993	1.00	0.0829	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	0.185	0.114	4.97	1.00	0.185	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0923	0.0923	4.97	0.100	0.00923	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.275	0.0917	4.97	0.100	0.0275	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0958	0.0958	4.97	0.100	0.00958	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.221	0.133	4.97	0.0100	0.00221	N/A	6354007
Octa CDD *	pg/g	0.411	0.207	9.93	0.000300	0.000123	N/A	6354007
Total Tetra CDD *	pg/g	<0.147 (1)	0.147	0.993	N/A	N/A	0	6354007
Total Penta CDD *	pg/g	0.361	0.114	4.97	N/A	N/A	2	6354007
Total Hexa CDD *	pg/g	1.18	0.0932	4.97	N/A	N/A	3	6354007
Total Hepta CDD *	pg/g	0.221	0.133	4.97	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.791	0.0824	0.993	0.100	0.0791	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.0940	0.0940	4.97	0.0300	0.00282	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.0873	0.0873	4.97	0.300	0.0262	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.97	0.0100	0.00111	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.97	0.0100	0.00108	N/A	6354007
Octa CDF **	pg/g	<0.218	0.218	9.93	0.000300	0.0000654	N/A	6354007
Total Tetra CDF **	pg/g	2.39	0.0824	0.993	N/A	N/A	7	6354007
Total Penta CDF **	pg/g	<2.08 (1)	2.08	4.97	N/A	N/A	0	6354007
Total Hexa CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6354007
Total Hepta CDF **	pg/g	<0.110	0.110	4.97	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.470	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG041						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG050						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0903	0.0903	0.997	1.00	0.0903	N/A	6354007
1,2,3,7,8-Penta CDD *	pg/g	<0.250 (1)	0.250	4.99	1.00	0.250	N/A	6354007
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6354007
1,2,3,6,7,8-Hexa CDD *	pg/g	0.450	0.124	4.99	0.100	0.0450	N/A	6354007
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6354007
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.767 (1)	0.767	4.99	0.0100	0.00767	N/A	6354007
Octa CDD *	pg/g	1.44	0.333	9.97	0.000300	0.000432	N/A	6354007
Total Tetra CDD *	pg/g	0.259	0.0903	0.997	N/A	N/A	1	6354007
Total Penta CDD *	pg/g	0.364	0.0859	4.99	N/A	N/A	1	6354007
Total Hexa CDD *	pg/g	1.66	0.126	4.99	N/A	N/A	2	6354007
Total Hepta CDD *	pg/g	1.92	0.207	4.99	N/A	N/A	1	6354007
2,3,7,8-Tetra CDF **	pg/g	0.824	0.0741	0.997	0.100	0.0824	N/A	6354007
1,2,3,7,8-Penta CDF **	pg/g	<0.0930	0.0930	4.99	0.0300	0.00279	N/A	6354007
2,3,4,7,8-Penta CDF **	pg/g	<0.0864	0.0864	4.99	0.300	0.0259	N/A	6354007
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0853	0.0853	4.99	0.100	0.00853	N/A	6354007
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0851	0.0851	4.99	0.100	0.00851	N/A	6354007
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0796	0.0796	4.99	0.100	0.00796	N/A	6354007
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0854	0.0854	4.99	0.100	0.00854	N/A	6354007
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.137	0.137	4.99	0.0100	0.00137	N/A	6354007
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.134	0.134	4.99	0.0100	0.00134	N/A	6354007
Octa CDF **	pg/g	<0.153	0.153	9.97	0.000300	0.0000459	N/A	6354007
Total Tetra CDF **	pg/g	3.02	0.0741	0.997	N/A	N/A	6	6354007
Total Penta CDF **	pg/g	0.318	0.0896	4.99	N/A	N/A	1	6354007
Total Hexa CDF **	pg/g	0.147	0.0838	4.99	N/A	N/A	1	6354007
Total Hepta CDF **	pg/g	<0.135	0.135	4.99	N/A	N/A	0	6354007
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.566	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG050						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6354007
C13-123478 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6354007
C13-1234789 HeptaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6354007
C13-123678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6354007
C13-12378 PentaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6354007
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-234678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6354007
C13-23478 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6354007
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6354007
C13-OCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6354007

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG195						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.184	0.184	0.998	1.00	0.184	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.99	1.00	0.118	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.99	0.100	0.0136	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.594 (1)	0.594	4.99	0.100	0.0594	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.144	0.144	4.99	0.100	0.0144	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.526	0.141	4.99	0.0100	0.00526	N/A	6365830
Octa CDD *	pg/g	0.327	0.101	9.98	0.000300	0.0000981	N/A	6365830
Total Tetra CDD *	pg/g	<0.184	0.184	0.998	N/A	N/A	0	6365830
Total Penta CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6365830
Total Hexa CDD *	pg/g	1.47	0.142	4.99	N/A	N/A	1	6365830
Total Hepta CDD *	pg/g	0.526	0.141	4.99	N/A	N/A	1	6365830
2,3,7,8-Tetra CDF **	pg/g	0.517	0.184	0.998	0.100	0.0517	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.140	0.140	4.99	0.0300	0.00420	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.131	0.131	4.99	0.300	0.0393	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.147	0.147	4.99	0.100	0.0147	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.152	0.152	4.99	0.100	0.0152	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.99	0.100	0.0140	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.152	0.152	4.99	0.100	0.0152	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.152	0.152	4.99	0.0100	0.00152	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.151	0.151	4.99	0.0100	0.00151	N/A	6365830
Octa CDF **	pg/g	<0.144	0.144	9.98	0.000300	0.0000432	N/A	6365830
Total Tetra CDF **	pg/g	0.826	0.184	0.998	N/A	N/A	2	6365830
Total Penta CDF **	pg/g	<0.136	0.136	4.99	N/A	N/A	0	6365830
Total Hexa CDF **	pg/g	<0.147	0.147	4.99	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.152	0.152	4.99	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.552	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG195						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG199						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	1.00	1.00	0.110	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.353 (1)	0.353	5.00	1.00	0.353	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.159	0.159	5.00	0.100	0.0159	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.871	0.164	5.00	0.100	0.0871	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.169	0.169	5.00	0.100	0.0169	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.628	0.114	5.00	0.0100	0.00628	N/A	6365830
Octa CDD *	pg/g	0.393	0.155	10.0	0.000300	0.000118	N/A	6365830
Total Tetra CDD *	pg/g	0.405	0.110	1.00	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	<0.353 (1)	0.353	5.00	N/A	N/A	0	6365830
Total Hexa CDD *	pg/g	3.28	0.166	5.00	N/A	N/A	3	6365830
Total Hepta CDD *	pg/g	1.64	0.114	5.00	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.14	0.154	1.00	0.100	0.114	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.197	0.197	5.00	0.0300	0.00591	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.185	0.185	5.00	0.300	0.0555	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.178	0.178	5.00	0.100	0.0178	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.184	0.184	5.00	0.100	0.0184	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.169	0.169	5.00	0.100	0.0169	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.183	0.183	5.00	0.100	0.0183	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.132	0.132	5.00	0.0100	0.00132	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.131	0.131	5.00	0.0100	0.00131	N/A	6365830
Octa CDF **	pg/g	<0.112	0.112	10.0	0.000300	0.0000336	N/A	6365830
Total Tetra CDF **	pg/g	3.36	0.154	1.00	N/A	N/A	5	6365830
Total Penta CDF **	pg/g	<0.191	0.191	5.00	N/A	N/A	0	6365830
Total Hexa CDF **	pg/g	<0.178	0.178	5.00	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.131	0.131	5.00	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.839	N/A	N/A

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG199						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	114	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG200						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.140	0.140	0.997	1.00	0.140	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.460	0.144	4.98	1.00	0.460	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.142	0.142	4.98	0.100	0.0142	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.674	0.141	4.98	0.100	0.0674	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.241	0.148	4.98	0.100	0.0241	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.347	0.142	4.98	0.0100	0.00347	N/A	6365830
Octa CDD *	pg/g	0.238	0.120	9.97	0.000300	0.0000714	N/A	6365830
Total Tetra CDD *	pg/g	0.493	0.140	0.997	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.856	0.144	4.98	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	2.35	0.144	4.98	N/A	N/A	3	6365830
Total Hepta CDD *	pg/g	0.943	0.142	4.98	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.24	0.133	0.997	0.100	0.124	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.144	0.144	4.98	0.0300	0.00432	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.205	0.134	4.98	0.300	0.0615	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.142	0.142	4.98	0.100	0.0142	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.142	0.142	4.98	0.100	0.0142	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.98	0.100	0.0133	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.143	0.143	4.98	0.100	0.0143	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.98	0.0100	0.00112	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6365830
Octa CDF **	pg/g	<0.113	0.113	9.97	0.000300	0.0000339	N/A	6365830
Total Tetra CDF **	pg/g	3.89	0.133	0.997	N/A	N/A	6	6365830
Total Penta CDF **	pg/g	0.867	0.139	4.98	N/A	N/A	3	6365830
Total Hexa CDF **	pg/g	0.188	0.140	4.98	N/A	N/A	1	6365830
Total Hepta CDF **	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.60	0.10	1.0	0.100	0.160	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.993	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG200						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	127	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	124	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.996	1.00	0.117	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.98	1.00	0.109	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.195	0.113	4.98	0.100	0.0195	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.142	0.142	4.98	0.0100	0.00142	N/A	6365830
Octa CDD *	pg/g	0.162	0.105	9.96	0.000300	0.0000486	N/A	6365830
Total Tetra CDD *	pg/g	0.305	0.117	0.996	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.171	0.109	4.98	N/A	N/A	1	6365830
Total Hexa CDD *	pg/g	0.195	0.115	4.98	N/A	N/A	1	6365830
Total Hepta CDD *	pg/g	<0.142	0.142	4.98	N/A	N/A	0	6365830
2,3,7,8-Tetra CDF **	pg/g	0.752	0.107	0.996	0.100	0.0752	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.98	0.0300	0.00414	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.128	0.128	4.98	0.300	0.0384	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.103	0.103	4.98	0.0100	0.00103	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.98	0.0100	0.00101	N/A	6365830
Octa CDF **	pg/g	<0.158	0.158	9.96	0.000300	0.0000474	N/A	6365830
Total Tetra CDF **	pg/g	2.95	0.107	0.996	N/A	N/A	9	6365830
Total Penta CDF **	pg/g	<0.662 (1)	0.662	4.98	N/A	N/A	0	6365830
Total Hexa CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.435	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.995	1.00	0.107	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.166	0.143	4.97	1.00	0.166	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.146	0.146	4.97	0.100	0.0146	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.501	0.145	4.97	0.100	0.0501	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.152	0.152	4.97	0.100	0.0152	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.948	0.133	4.97	0.0100	0.00948	N/A	6365830
Octa CDD *	pg/g	0.343	0.119	9.95	0.000300	0.000103	N/A	6365830
Total Tetra CDD *	pg/g	0.479	0.107	0.995	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.422	0.143	4.97	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	0.982	0.148	4.97	N/A	N/A	2	6365830
Total Hepta CDD *	pg/g	2.78	0.133	4.97	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.11	0.0336	0.995	0.100	0.111	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.142	0.142	4.97	0.0300	0.00426	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.155	0.132	4.97	0.300	0.0465	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.97	0.100	0.0135	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.97	0.100	0.0135	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.97	0.100	0.0126	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.135	0.135	4.97	0.100	0.0135	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.133	0.133	4.97	0.0100	0.00133	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.133	0.133	4.97	0.0100	0.00133	N/A	6365830
Octa CDF **	pg/g	<0.106	0.106	9.95	0.000300	0.0000318	N/A	6365830
Total Tetra CDF **	pg/g	3.60	0.115	0.995	N/A	N/A	7	6365830
Total Penta CDF **	pg/g	0.155	0.137	4.97	N/A	N/A	1	6365830
Total Hexa CDF **	pg/g	<0.133	0.133	4.97	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.133	0.133	4.97	N/A	N/A	0	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.33	0.065	1.0	0.100	0.133	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.602	N/A	N/A

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6365830

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG213						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	1.00	1.00	0.116	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.296	0.131	5.00	1.00	0.296	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.136	0.136	5.00	0.100	0.0136	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.443	0.135	5.00	0.100	0.0443	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.208	0.141	5.00	0.100	0.0208	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.03	0.123	5.00	0.0100	0.0103	N/A	6365830
Octa CDD *	pg/g	0.659	0.149	10.0	0.000300	0.000198	N/A	6365830
Total Tetra CDD *	pg/g	0.910	0.116	1.00	N/A	N/A	2	6365830
Total Penta CDD *	pg/g	0.626	0.131	5.00	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	2.94	0.138	5.00	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	3.36	0.123	5.00	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.37	0.112	1.00	0.100	0.137	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	5.00	0.0300	0.00354	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.171	0.109	5.00	0.300	0.0513	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.124	0.124	5.00	0.0100	0.00124	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.121	0.121	5.00	0.0100	0.00121	N/A	6365830
Octa CDF **	pg/g	<0.110	0.110	10.0	0.000300	0.0000330	N/A	6365830
Total Tetra CDF **	pg/g	7.52	0.112	1.00	N/A	N/A	11	6365830
Total Penta CDF **	pg/g	0.171	0.113	5.00	N/A	N/A	1	6365830
Total Hexa CDF **	pg/g	0.327	0.116	5.00	N/A	N/A	2	6365830
Total Hepta CDF **	pg/g	0.180	0.123	5.00	N/A	N/A	1	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.57	0.16	1.0	0.100	0.157	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.762	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG213						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG213						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-36 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.148	0.148	1.00	1.00	0.148	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.255 (1)	0.255	5.00	1.00	0.255	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.151	0.151	5.00	0.100	0.0151	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.622	0.150	5.00	0.100	0.0622	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.169	0.157	5.00	0.100	0.0169	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.45	0.101	5.00	0.0100	0.0145	N/A	6365830
Octa CDD *	pg/g	0.873	0.132	10.0	0.000300	0.000262	N/A	6365830
Total Tetra CDD *	pg/g	1.07	0.148	1.00	N/A	N/A	2	6365830
Total Penta CDD *	pg/g	0.399	0.148	5.00	N/A	N/A	1	6365830
Total Hexa CDD *	pg/g	3.12	0.153	5.00	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	4.87	0.101	5.00	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.55	0.142	1.00	0.100	0.155	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	0.197	0.144	5.00	0.0300	0.00591	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.164	0.134	5.00	0.300	0.0492	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	5.00	0.100	0.0131	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.130	0.130	5.00	0.100	0.0130	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	5.00	0.100	0.0122	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.131	0.131	5.00	0.100	0.0131	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.150	0.150	5.00	0.0100	0.00150	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.146	0.146	5.00	0.0100	0.00146	N/A	6365830
Octa CDF **	pg/g	<0.125	0.125	10.0	0.000300	0.0000375	N/A	6365830
Total Tetra CDF **	pg/g	8.32	0.142	1.00	N/A	N/A	10	6365830
Total Penta CDF **	pg/g	1.19	0.139	5.00	N/A	N/A	3	6365830
Total Hexa CDF **	pg/g	<0.177	0.177	5.00	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	0.230	0.148	5.00	N/A	N/A	1	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.49	0.097	0.99	0.100	0.149	N/A	6414992

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG213						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-36 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.770	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	131	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG216						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.154	0.154	0.999	1.00	0.154	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.275 (1)	0.275	4.99	1.00	0.275	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.155	0.155	4.99	0.100	0.0155	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.588	0.154	4.99	0.100	0.0588	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.231	0.161	4.99	0.100	0.0231	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.30	0.138	4.99	0.0100	0.0130	N/A	6365830
Octa CDD *	pg/g	1.21	0.135	9.99	0.000300	0.000363	N/A	6365830
Total Tetra CDD *	pg/g	0.496	0.154	0.999	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.465	0.157	4.99	N/A	N/A	1	6365830
Total Hexa CDD *	pg/g	3.50	0.157	4.99	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	4.90	0.138	4.99	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	0.813	0.135	0.999	0.100	0.0813	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.280 (1)	0.280	4.99	0.0300	0.00840	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.154	0.154	4.99	0.300	0.0462	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.99	0.100	0.0135	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.99	0.100	0.0135	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.99	0.100	0.0126	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.136	0.136	4.99	0.100	0.0136	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.162	0.162	4.99	0.0100	0.00162	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.157	0.157	4.99	0.0100	0.00157	N/A	6365830
Octa CDF **	pg/g	<0.144	0.144	9.99	0.000300	0.0000432	N/A	6365830
Total Tetra CDF **	pg/g	3.31	0.135	0.999	N/A	N/A	6	6365830
Total Penta CDF **	pg/g	0.241	0.160	4.99	N/A	N/A	1	6365830
Total Hexa CDF **	pg/g	0.506	0.133	4.99	N/A	N/A	2	6365830
Total Hepta CDF **	pg/g	0.273	0.159	4.99	N/A	N/A	1	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.732	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG216						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	68	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	118	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG218						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.141	0.141	1.00	1.00	0.141	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.149	0.149	5.00	1.00	0.149	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.142	0.142	5.00	0.100	0.0142	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.262	0.141	5.00	0.100	0.0262	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.147	0.147	5.00	0.100	0.0147	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.211	0.125	5.00	0.0100	0.00211	N/A	6365830
Octa CDD *	pg/g	<0.163	0.163	10.0	0.000300	0.0000489	N/A	6365830
Total Tetra CDD *	pg/g	<0.141	0.141	1.00	N/A	N/A	0	6365830
Total Penta CDD *	pg/g	<0.149	0.149	5.00	N/A	N/A	0	6365830
Total Hexa CDD *	pg/g	1.03	0.143	5.00	N/A	N/A	2	6365830
Total Hepta CDD *	pg/g	0.834	0.125	5.00	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	0.370	0.131	1.00	0.100	0.0370	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.160	0.160	5.00	0.0300	0.00480	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.149	0.149	5.00	0.300	0.0447	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.146	0.146	5.00	0.100	0.0146	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.145	0.145	5.00	0.100	0.0145	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.136	0.136	5.00	0.100	0.0136	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.146	0.146	5.00	0.100	0.0146	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.134	0.134	5.00	0.0100	0.00134	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.130	0.130	5.00	0.0100	0.00130	N/A	6365830
Octa CDF **	pg/g	<0.124	0.124	10.0	0.000300	0.0000372	N/A	6365830
Total Tetra CDF **	pg/g	1.27	0.131	1.00	N/A	N/A	5	6365830
Total Penta CDF **	pg/g	<1.20 (1)	1.20	5.00	N/A	N/A	0	6365830
Total Hexa CDF **	pg/g	<0.143	0.143	5.00	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.132	0.132	5.00	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.494	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG218						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG227						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.180 (1)	0.180	0.998	1.00	0.180	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.773	0.163	4.99	1.00	0.773	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.133	0.133	4.99	0.100	0.0133	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	1.45	0.132	4.99	0.100	0.145	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.352	0.138	4.99	0.100	0.0352	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	3.07	0.146	4.99	0.0100	0.0307	N/A	6365830
Octa CDD *	pg/g	1.37	0.144	9.98	0.000300	0.000411	N/A	6365830
Total Tetra CDD *	pg/g	1.27	0.150	0.998	N/A	N/A	3	6365830
Total Penta CDD *	pg/g	1.52	0.163	4.99	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	6.16	0.134	4.99	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	8.27	0.146	4.99	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	4.94	0.141	0.998	0.100	0.494	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	0.233	0.142	4.99	0.0300	0.00699	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.369	0.132	4.99	0.300	0.111	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.151	0.151	4.99	0.100	0.0151	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.151	0.151	4.99	0.100	0.0151	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.141	0.141	4.99	0.100	0.0141	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.151	0.151	4.99	0.100	0.0151	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.221	0.111	4.99	0.0100	0.00221	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6365830
Octa CDF **	pg/g	<0.160	0.160	9.98	0.000300	0.0000480	N/A	6365830
Total Tetra CDF **	pg/g	10.5	0.141	0.998	N/A	N/A	9	6365830
Total Penta CDF **	pg/g	1.73	0.137	4.99	N/A	N/A	4	6365830
Total Hexa CDF **	pg/g	0.700	0.148	4.99	N/A	N/A	2	6365830
Total Hepta CDF **	pg/g	0.221	0.109	4.99	N/A	N/A	1	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	5.74	0.064	1.0	0.100	0.574	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.93	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG227						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	104	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	120	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	135	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG228						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.131	0.131	0.999	1.00	0.131	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	<0.194 (1)	0.194	5.00	1.00	0.194	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.140	0.140	5.00	0.100	0.0140	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.380	0.139	5.00	0.100	0.0380	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.145	0.145	5.00	0.100	0.0145	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.166	0.155	5.00	0.0100	0.00166	N/A	6365830
Octa CDD *	pg/g	0.174	0.112	9.99	0.000300	0.0000522	N/A	6365830
Total Tetra CDD *	pg/g	0.865	0.131	0.999	N/A	N/A	2	6365830
Total Penta CDD *	pg/g	0.179	0.147	5.00	N/A	N/A	1	6365830
Total Hexa CDD *	pg/g	1.24	0.141	5.00	N/A	N/A	2	6365830
Total Hepta CDD *	pg/g	0.342	0.155	5.00	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	0.770	0.129	0.999	0.100	0.0770	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.176	0.176	5.00	0.0300	0.00528	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.163	0.163	5.00	0.300	0.0489	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.126	0.126	5.00	0.100	0.0126	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	5.00	0.100	0.0126	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.126	0.126	5.00	0.100	0.0126	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	5.00	0.0100	0.00106	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	5.00	0.0100	0.00104	N/A	6365830
Octa CDF **	pg/g	<0.114	0.114	9.99	0.000300	0.0000342	N/A	6365830
Total Tetra CDF **	pg/g	2.62	0.129	0.999	N/A	N/A	7	6365830
Total Penta CDF **	pg/g	<0.222 (1)	0.222	5.00	N/A	N/A	0	6365830
Total Hexa CDF **	pg/g	<0.124	0.124	5.00	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.105	0.105	5.00	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.576	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG228						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	130	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG229						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.145	0.145	0.995	1.00	0.145	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.374	0.155	4.98	1.00	0.374	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.157	0.157	4.98	0.100	0.0157	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.852	0.156	4.98	0.100	0.0852	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.410	0.163	4.98	0.100	0.0410	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.92	0.129	4.98	0.0100	0.0292	N/A	6365830
Octa CDD *	pg/g	2.15	0.126	9.95	0.000300	0.000645	N/A	6365830
Total Tetra CDD *	pg/g	0.448	0.145	0.995	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.794	0.155	4.98	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	5.29	0.159	4.98	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	8.94	0.129	4.98	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.03	0.148	0.995	0.100	0.103	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.175	0.175	4.98	0.0300	0.00525	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.163	0.163	4.98	0.300	0.0489	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.157	0.157	4.98	0.100	0.0157	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.157	0.157	4.98	0.100	0.0157	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.147	0.147	4.98	0.100	0.0147	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.157	0.157	4.98	0.100	0.0157	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112 (1)	0.112	4.98	0.0100	0.00112	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.98	0.0100	0.00114	N/A	6365830
Octa CDF **	pg/g	0.178	0.127	9.95	0.000300	0.0000534	N/A	6365830
Total Tetra CDF **	pg/g	3.87	0.148	0.995	N/A	N/A	7	6365830
Total Penta CDF **	pg/g	0.437	0.169	4.98	N/A	N/A	1	6365830
Total Hexa CDF **	pg/g	0.204	0.154	4.98	N/A	N/A	1	6365830
Total Hepta CDF **	pg/g	<0.235 (1)	0.235	4.98	N/A	N/A	0	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.58	0.24	1.0	0.100	0.158	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.967	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG229						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	109	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	128	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	129	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG230						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.145	0.145	0.998	1.00	0.145	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.233	0.139	4.99	1.00	0.233	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.471	0.133	4.99	0.100	0.0471	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.162	0.139	4.99	0.100	0.0162	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.397 (1)	0.397	4.99	0.0100	0.00397	N/A	6365830
Octa CDD *	pg/g	<0.462 (1)	0.462	9.98	0.000300	0.000139	N/A	6365830
Total Tetra CDD *	pg/g	0.327	0.145	0.998	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.408	0.139	4.99	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	1.84	0.135	4.99	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	0.783	0.138	4.99	N/A	N/A	1	6365830
2,3,7,8-Tetra CDF **	pg/g	0.833	0.142	0.998	0.100	0.0833	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.149	0.149	4.99	0.0300	0.00447	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.157	0.138	4.99	0.300	0.0471	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.125	0.125	4.99	0.100	0.0125	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.144	0.144	4.99	0.0100	0.00144	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.140	0.140	4.99	0.0100	0.00140	N/A	6365830
Octa CDF **	pg/g	<0.134	0.134	9.98	0.000300	0.0000402	N/A	6365830
Total Tetra CDF **	pg/g	2.95	0.142	0.998	N/A	N/A	7	6365830
Total Penta CDF **	pg/g	0.599	0.143	4.99	N/A	N/A	3	6365830
Total Hexa CDF **	pg/g	<0.132	0.132	4.99	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.142	0.142	4.99	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.649	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG230						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	119	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG231						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.140	0.140	0.998	1.00	0.140	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.769	0.144	4.99	1.00	0.769	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.127	0.127	4.99	0.100	0.0127	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	1.47	0.126	4.99	0.100	0.147	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.232	0.131	4.99	0.100	0.0232	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.93	0.148	4.99	0.0100	0.0193	N/A	6365830
Octa CDD *	pg/g	1.71	0.106	9.98	0.000300	0.000513	N/A	6365830
Total Tetra CDD *	pg/g	0.501	0.140	0.998	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	1.31	0.144	4.99	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	3.69	0.128	4.99	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	5.34	0.148	4.99	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.59	0.134	0.998	0.100	0.159	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.212	0.212	4.99	0.0300	0.00636	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.274	0.140	4.99	0.300	0.0822	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.129	0.129	4.99	0.100	0.0129	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.198 (1)	0.198	4.99	0.0100	0.00198	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.99	0.0100	0.00142	N/A	6365830
Octa CDF **	pg/g	0.163	0.142	9.98	0.000300	0.0000489	N/A	6365830
Total Tetra CDF **	pg/g	5.40	0.134	0.998	N/A	N/A	8	6365830
Total Penta CDF **	pg/g	0.552	0.145	4.99	N/A	N/A	2	6365830
Total Hexa CDF **	pg/g	0.448	0.127	4.99	N/A	N/A	2	6365830
Total Hepta CDF **	pg/g	0.185	0.144	4.99	N/A	N/A	1	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.62	0.098	1.0	0.100	0.162	N/A	6414992
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.42	N/A	N/A

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG231						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	100	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	120	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG232						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.136	0.136	0.998	1.00	0.136	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.302	0.149	4.99	1.00	0.302	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.141	0.141	4.99	0.100	0.0141	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	1.05	0.140	4.99	0.100	0.105	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	0.215 (1)	0.147	4.99	0.100	0.0215	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.469	0.102	4.99	0.0100	0.00469	N/A	6365830
Octa CDD *	pg/g	1.77	0.123	9.98	0.000300	0.000531	N/A	6365830
Total Tetra CDD *	pg/g	0.243	0.136	0.998	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.605	0.149	4.99	N/A	N/A	2	6365830
Total Hexa CDD *	pg/g	2.80	0.143	4.99	N/A	N/A	4	6365830
Total Hepta CDD *	pg/g	1.10	0.102	4.99	N/A	N/A	2	6365830
2,3,7,8-Tetra CDF **	pg/g	1.34	0.129	0.998	0.100	0.134	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.148	0.148	4.99	0.0300	0.00444	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	0.196	0.137	4.99	0.300	0.0588	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.109 (2)	0.109	4.99	0.0100	0.00109	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.142	0.142	4.99	0.0100	0.00142	N/A	6365830
Octa CDF **	pg/g	<0.149	0.149	9.98	0.000300	0.0000447	N/A	6365830
Total Tetra CDF **	pg/g	3.57	0.129	0.998	N/A	N/A	7	6365830
Total Penta CDF **	pg/g	0.549	0.142	4.99	N/A	N/A	2	6365830
Total Hexa CDF **	pg/g	0.119	0.108	4.99	N/A	N/A	1	6365830
Total Hepta CDF **	pg/g	<0.120 (2)	0.120	4.99	N/A	N/A	0	6365830
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.71	0.16	1.0	0.100	0.171	N/A	6414992

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / Merged Peak

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG232						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.864	N/A	N/A
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6414992
37CL4 2378 Tetra CDD *	%	112	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	127	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	117	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	115	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	111	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	135	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG234						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.120	0.120	0.999	1.00	0.120	N/A	6365830
1,2,3,7,8-Penta CDD *	pg/g	0.152	0.125	4.99	1.00	0.152	N/A	6365830
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6365830
1,2,3,6,7,8-Hexa CDD *	pg/g	0.485	0.115	4.99	0.100	0.0485	N/A	6365830
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6365830
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.122	0.122	4.99	0.0100	0.00122	N/A	6365830
Octa CDD *	pg/g	0.215	0.121	9.99	0.000300	0.0000645	N/A	6365830
Total Tetra CDD *	pg/g	0.147	0.120	0.999	N/A	N/A	1	6365830
Total Penta CDD *	pg/g	0.152	0.125	4.99	N/A	N/A	1	6365830
Total Hexa CDD *	pg/g	1.13	0.117	4.99	N/A	N/A	2	6365830
Total Hepta CDD *	pg/g	<0.122	0.122	4.99	N/A	N/A	0	6365830
2,3,7,8-Tetra CDF **	pg/g	0.464	0.108	0.999	0.100	0.0464	N/A	6365830
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.99	0.0300	0.00360	N/A	6365830
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.300	0.0333	N/A	6365830
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6365830
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6365830
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6365830
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6365830
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.99	0.0100	0.00117	N/A	6365830
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.99	0.0100	0.00114	N/A	6365830
Octa CDF **	pg/g	<0.102	0.102	9.99	0.000300	0.0000306	N/A	6365830
Total Tetra CDF **	pg/g	1.22	0.108	0.999	N/A	N/A	5	6365830
Total Penta CDF **	pg/g	0.183	0.115	4.99	N/A	N/A	1	6365830
Total Hexa CDF **	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6365830
Total Hepta CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6365830
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.477	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG234						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDD *	%	116	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6365830
C13-123478 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6365830
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6365830
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-12378 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6365830
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6365830
C13-234678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6365830
C13-23478 PentaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6365830
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6365830
C13-OCDD *	%	129	N/A	N/A	N/A	N/A	N/A	6365830

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG331						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.995	1.00	0.103	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.363	0.113	4.97	1.00	0.363	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.519	0.0993	4.97	0.100	0.0519	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	0.138	0.102	4.97	0.100	0.0138	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.142	0.116	4.97	0.0100	0.00142	N/A	6415523
Octa CDD *	pg/g	0.274	0.0996	9.95	0.000300	0.0000822	N/A	6415523
Total Tetra CDD *	pg/g	<0.148 (1)	0.148	0.995	N/A	N/A	0	6415523
Total Penta CDD *	pg/g	0.363	0.113	4.97	N/A	N/A	1	6415523
Total Hexa CDD *	pg/g	1.31	0.103	4.97	N/A	N/A	3	6415523
Total Hepta CDD *	pg/g	0.281	0.116	4.97	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	1.07	0.118	0.995	0.100	0.107	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.97	0.0300	0.00333	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.188	0.103	4.97	0.300	0.0564	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.108	0.101	4.97	0.100	0.0108	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.97	0.100	0.0101	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0951	0.0951	4.97	0.100	0.00951	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.102	0.102	4.97	0.100	0.0102	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.109	0.109	4.97	0.0100	0.00109	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.97	0.0100	0.00101	N/A	6415523
Octa CDF **	pg/g	0.122	0.114	9.95	0.000300	0.0000366	N/A	6415523
Total Tetra CDF **	pg/g	4.14	0.118	0.995	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	0.974	0.107	4.97	N/A	N/A	3	6415523
Total Hexa CDF **	pg/g	0.108	0.0997	4.97	N/A	N/A	1	6415523
Total Hepta CDF **	pg/g	<0.105	0.105	4.97	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.10	0.14	1.0	0.100	0.110	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.756	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG331						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG332						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.112	0.112	0.996	1.00	0.112	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.331 (1)	0.331	4.98	1.00	0.331	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.309	0.103	4.98	0.100	0.0309	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.140	0.101	4.98	0.0100	0.00140	N/A	6415523
Octa CDD *	pg/g	0.225	0.119	9.96	0.000300	0.0000675	N/A	6415523
Total Tetra CDD *	pg/g	0.220	0.112	0.996	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	<0.331 (1)	0.331	4.98	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	0.309	0.107	4.98	N/A	N/A	1	6415523
Total Hepta CDD *	pg/g	0.140	0.101	4.98	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	1.06	0.111	0.996	0.100	0.106	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.150	0.106	4.98	0.0300	0.00450	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.189	0.0987	4.98	0.300	0.0567	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.98	0.0100	0.00119	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6415523
Octa CDF **	pg/g	<0.106	0.106	9.96	0.000300	0.0000318	N/A	6415523
Total Tetra CDF **	pg/g	4.50	0.111	0.996	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	1.01	0.102	4.98	N/A	N/A	4	6415523
Total Hexa CDF **	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.15	0.11	1.0	0.100	0.115	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.720	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG332						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	106	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	115	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG333						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.997	1.00	0.118	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.650	0.110	4.98	1.00	0.650	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	0.165	0.116	4.98	0.100	0.0165	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	1.03	0.111	4.98	0.100	0.103	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.282 (1)	0.282	4.98	0.100	0.0282	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.239	0.108	4.98	0.0100	0.00239	N/A	6415523
Octa CDD *	pg/g	0.980	0.110	9.97	0.000300	0.000294	N/A	6415523
Total Tetra CDD *	pg/g	0.513	0.118	0.997	N/A	N/A	2	6415523
Total Penta CDD *	pg/g	1.48	0.110	4.98	N/A	N/A	3	6415523
Total Hexa CDD *	pg/g	2.90	0.116	4.98	N/A	N/A	4	6415523
Total Hepta CDD *	pg/g	0.239	0.108	4.98	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	1.35	0.103	0.997	0.100	0.135	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.141 (1)	0.141	4.98	0.0300	0.00423	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.318	0.101	4.98	0.300	0.0954	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.197	0.109	4.98	0.100	0.0197	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.153	0.122	4.98	0.0100	0.00153	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.98	0.0100	0.00112	N/A	6415523
Octa CDF **	pg/g	<0.115	0.115	9.97	0.000300	0.0000345	N/A	6415523
Total Tetra CDF **	pg/g	8.72	0.103	0.997	N/A	N/A	9	6415523
Total Penta CDF **	pg/g	2.51	0.104	4.98	N/A	N/A	5	6415523
Total Hexa CDF **	pg/g	0.606	0.108	4.98	N/A	N/A	3	6415523
Total Hepta CDF **	pg/g	0.153	0.117	4.98	N/A	N/A	1	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.28	0.19	1.0	0.100	0.128	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.20	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG333						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG339						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.130 (1)	0.130	0.994	1.00	0.130	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.416 (1)	0.416	4.97	1.00	0.416	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	0.134	0.108	4.97	0.100	0.0134	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.490	0.103	4.97	0.100	0.0490	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.177 (1)	0.177	4.97	0.100	0.0177	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.659	0.108	4.97	0.0100	0.00659	N/A	6415523
Octa CDD *	pg/g	2.18	0.117	9.94	0.000300	0.000654	N/A	6415523
Total Tetra CDD *	pg/g	0.323	0.111	0.994	N/A	N/A	2	6415523
Total Penta CDD *	pg/g	0.160	0.107	4.97	N/A	N/A	1	6415523
Total Hexa CDD *	pg/g	0.765	0.107	4.97	N/A	N/A	3	6415523
Total Hepta CDD *	pg/g	1.17	0.108	4.97	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	2.22	0.114	0.994	0.100	0.222	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.786	0.123	4.97	0.0300	0.0236	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.643	0.114	4.97	0.300	0.193	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.729	0.101	4.97	0.100	0.0729	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	0.609	0.101	4.97	0.100	0.0609	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	0.333	0.0955	4.97	0.100	0.0333	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.140 (1)	0.140	4.97	0.100	0.0140	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	1.27	0.108	4.97	0.0100	0.0127	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.227	0.100	4.97	0.0100	0.00227	N/A	6415523
Octa CDF **	pg/g	1.25	0.109	9.94	0.000300	0.000375	N/A	6415523
Total Tetra CDF **	pg/g	11.7	0.114	0.994	N/A	N/A	14	6415523
Total Penta CDF **	pg/g	6.69	0.118	4.97	N/A	N/A	9	6415523
Total Hexa CDF **	pg/g	3.19	0.100	4.97	N/A	N/A	7	6415523
Total Hepta CDF **	pg/g	2.57	0.104	4.97	N/A	N/A	4	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.95	0.15	0.99	0.100	0.195	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.24	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG339						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG346						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.996	1.00	0.105	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.423	0.112	4.98	1.00	0.423	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.488	0.104	4.98	0.100	0.0488	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.129	0.114	4.98	0.0100	0.00129	N/A	6415523
Octa CDD *	pg/g	0.161	0.108	9.96	0.000300	0.0000483	N/A	6415523
Total Tetra CDD *	pg/g	0.288	0.105	0.996	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	0.671	0.112	4.98	N/A	N/A	2	6415523
Total Hexa CDD *	pg/g	1.09	0.108	4.98	N/A	N/A	3	6415523
Total Hepta CDD *	pg/g	0.129	0.114	4.98	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	1.42	0.112	0.996	0.100	0.142	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.157	0.113	4.98	0.0300	0.00471	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.293	0.105	4.98	0.300	0.0879	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.98	0.100	0.0101	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0955	0.0955	4.98	0.100	0.00955	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.98	0.0100	0.00107	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0992	0.0992	4.98	0.0100	0.000992	N/A	6415523
Octa CDF **	pg/g	<0.116	0.116	9.96	0.000300	0.0000348	N/A	6415523
Total Tetra CDF **	pg/g	5.19	0.112	0.996	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	1.16	0.109	4.98	N/A	N/A	4	6415523
Total Hexa CDF **	pg/g	<0.100	0.100	4.98	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.103	0.103	4.98	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.51	0.17	1.0	0.100	0.151	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.885	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG346						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	108	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	111	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	112	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG347						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.997	1.00	0.115	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.184 (1)	0.184	4.98	1.00	0.184	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.291 (1)	0.291	4.98	0.100	0.0291	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6415523
Octa CDD *	pg/g	0.150	0.112	9.97	0.000300	0.0000450	N/A	6415523
Total Tetra CDD *	pg/g	0.226	0.115	0.997	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	0.122	0.103	4.98	N/A	N/A	1	6415523
Total Hexa CDD *	pg/g	<0.825 (1)	0.825	4.98	N/A	N/A	0	6415523
Total Hepta CDD *	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6415523
2,3,7,8-Tetra CDF **	pg/g	0.849	0.117	0.997	0.100	0.0849	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.98	0.0300	0.00318	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.132	0.0987	4.98	0.300	0.0396	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0969	0.0969	4.98	0.100	0.00969	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.98	0.0100	0.00119	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6415523
Octa CDF **	pg/g	<0.115	0.115	9.97	0.000300	0.0000345	N/A	6415523
Total Tetra CDF **	pg/g	3.52	0.117	0.997	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	0.255	0.102	4.98	N/A	N/A	2	6415523
Total Hexa CDF **	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.522	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG347						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	119	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG348						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.997	1.00	0.110	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.184 (1)	0.184	4.99	1.00	0.184	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.251	0.104	4.99	0.100	0.0251	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.142 (1)	0.142	4.99	0.0100	0.00142	N/A	6415523
Octa CDD *	pg/g	0.257	0.103	9.97	0.000300	0.0000771	N/A	6415523
Total Tetra CDD *	pg/g	0.262	0.110	0.997	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	<0.336 (1)	0.336	4.99	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	0.603	0.108	4.99	N/A	N/A	2	6415523
Total Hepta CDD *	pg/g	<0.142 (1)	0.142	4.99	N/A	N/A	0	6415523
2,3,7,8-Tetra CDF **	pg/g	0.780	0.110	0.997	0.100	0.0780	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.133	0.113	4.99	0.0300	0.00399	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.153	0.105	4.99	0.300	0.0459	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.99	0.0100	0.00120	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6415523
Octa CDF **	pg/g	<0.103	0.103	9.97	0.000300	0.0000309	N/A	6415523
Total Tetra CDF **	pg/g	4.15	0.110	0.997	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	0.939	0.109	4.99	N/A	N/A	4	6415523
Total Hexa CDF **	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.517	N/A	N/A

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG348						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	109	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit

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* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG349						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.990	1.00	0.108	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.417	0.106	4.95	1.00	0.417	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.867	0.100	4.95	0.100	0.0867	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	0.140	0.103	4.95	0.100	0.0140	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.214	0.107	4.95	0.0100	0.00214	N/A	6415523
Octa CDD *	pg/g	0.233	0.101	9.90	0.000300	0.0000699	N/A	6415523
Total Tetra CDD *	pg/g	0.132	0.108	0.990	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	0.544	0.106	4.95	N/A	N/A	2	6415523
Total Hexa CDD *	pg/g	1.01	0.104	4.95	N/A	N/A	2	6415523
Total Hepta CDD *	pg/g	0.214	0.107	4.95	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	1.14	0.111	0.990	0.100	0.114	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.179 (1)	0.179	4.95	0.0300	0.00537	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.210	0.0959	4.95	0.300	0.0630	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.95	0.100	0.0120	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.95	0.100	0.0120	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.95	0.100	0.0122	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.95	0.0100	0.00120	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.95	0.0100	0.00111	N/A	6415523
Octa CDF **	pg/g	<0.117	0.117	9.90	0.000300	0.0000351	N/A	6415523
Total Tetra CDF **	pg/g	3.88	0.111	0.990	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	0.824	0.0995	4.95	N/A	N/A	3	6415523
Total Hexa CDF **	pg/g	<0.118	0.118	4.95	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.115	0.115	4.95	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.20	0.15	0.99	0.100	0.120	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.877	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG349						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.186 (1)	0.186	1.00	1.00	0.186	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	3.02	0.111	5.00	1.00	3.02	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	0.409	0.116	5.00	0.100	0.0409	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	5.64	0.111	5.00	0.100	0.564	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	0.926	0.115	5.00	0.100	0.0926	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.506	0.101	5.00	0.0100	0.00506	N/A	6415523
Octa CDD *	pg/g	0.670	0.105	10.0	0.000300	0.000201	N/A	6415523
Total Tetra CDD *	pg/g	3.44	0.105	1.00	N/A	N/A	4	6415523
Total Penta CDD *	pg/g	11.7	0.111	5.00	N/A	N/A	8	6415523
Total Hexa CDD *	pg/g	16.6	0.116	5.00	N/A	N/A	5	6415523
Total Hepta CDD *	pg/g	1.23	0.101	5.00	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	3.51	0.108	1.00	0.100	0.351	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.301	0.107	5.00	0.0300	0.00903	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.954	0.0990	5.00	0.300	0.286	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.466	0.116	5.00	0.100	0.0466	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	0.312	0.109	5.00	0.100	0.0312	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.219	0.115	5.00	0.0100	0.00219	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	5.00	0.0100	0.00106	N/A	6415523
Octa CDF **	pg/g	0.175	0.105	10.0	0.000300	0.0000525	N/A	6415523
Total Tetra CDF **	pg/g	28.8	0.108	1.00	N/A	N/A	12	6415523
Total Penta CDF **	pg/g	9.71	0.103	5.00	N/A	N/A	8	6415523
Total Hexa CDF **	pg/g	2.07	0.114	5.00	N/A	N/A	5	6415523
Total Hepta CDF **	pg/g	0.335	0.111	5.00	N/A	N/A	2	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	3.45	0.13	1.0	0.100	0.345	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	4.65	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	1.00	1.00	0.115	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	5.00	1.00	0.112	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	5.00	0.100	0.0103	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0991	0.0991	5.00	0.100	0.00991	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	5.00	0.0100	0.00104	N/A	6415523
Octa CDD *	pg/g	<0.157 (1)	0.157	10.0	0.000300	0.0000471	N/A	6415523
Total Tetra CDD *	pg/g	<0.115	0.115	1.00	N/A	N/A	0	6415523
Total Penta CDD *	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	<0.341 (1)	0.341	5.00	N/A	N/A	0	6415523
Total Hepta CDD *	pg/g	<0.104	0.104	5.00	N/A	N/A	0	6415523
2,3,7,8-Tetra CDF **	pg/g	0.521	0.117	1.00	0.100	0.0521	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	5.00	0.0300	0.00327	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	5.00	0.300	0.0303	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	5.00	0.0100	0.00107	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0987	0.0987	5.00	0.0100	0.000987	N/A	6415523
Octa CDF **	pg/g	<0.113	0.113	10.0	0.000300	0.0000339	N/A	6415523
Total Tetra CDF **	pg/g	1.51	0.117	1.00	N/A	N/A	6	6415523
Total Penta CDF **	pg/g	<0.131 (1)	0.131	5.00	N/A	N/A	0	6415523
Total Hexa CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.103	0.103	5.00	N/A	N/A	0	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.392	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6415523

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-40 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.997	1.00	0.116	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.133	0.108	4.99	1.00	0.133	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.395	0.119	4.99	0.0100	0.00395	N/A	6415523
Octa CDD *	pg/g	1.92	0.101	9.97	0.000300	0.000576	N/A	6415523
Total Tetra CDD *	pg/g	<0.116	0.116	0.997	N/A	N/A	0	6415523
Total Penta CDD *	pg/g	0.133	0.108	4.99	N/A	N/A	1	6415523
Total Hexa CDD *	pg/g	<0.404 (1)	0.404	4.99	N/A	N/A	0	6415523
Total Hepta CDD *	pg/g	0.650	0.119	4.99	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	0.584	0.100	0.997	0.100	0.0584	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	4.99	0.0300	0.00327	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	4.99	0.300	0.0306	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.249	0.122	4.99	0.0100	0.00249	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6415523
Octa CDF **	pg/g	1.01	0.109	9.97	0.000300	0.000303	N/A	6415523
Total Tetra CDF **	pg/g	1.97	0.100	0.997	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	<0.199 (1)	0.199	4.99	N/A	N/A	0	6415523
Total Hexa CDF **	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	0.828	0.117	4.99	N/A	N/A	2	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.432	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-40 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	110	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	112	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	109	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG364						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.998	1.00	0.101	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.293	0.113	4.99	1.00	0.293	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.374	0.110	4.99	0.100	0.0374	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.309	0.109	4.99	0.0100	0.00309	N/A	6415523
Octa CDD *	pg/g	1.26	0.111	9.98	0.000300	0.000378	N/A	6415523
Total Tetra CDD *	pg/g	0.183	0.101	0.998	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	0.293	0.113	4.99	N/A	N/A	1	6415523
Total Hexa CDD *	pg/g	0.374	0.114	4.99	N/A	N/A	1	6415523
Total Hepta CDD *	pg/g	0.581	0.109	4.99	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	0.851	0.103	0.998	0.100	0.0851	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.141 (1)	0.141	4.99	0.0300	0.00423	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.170	0.109	4.99	0.300	0.0510	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.99	0.100	0.0120	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.166	0.113	4.99	0.0100	0.00166	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.99	0.0100	0.00104	N/A	6415523
Octa CDF **	pg/g	0.382	0.111	9.98	0.000300	0.000115	N/A	6415523
Total Tetra CDF **	pg/g	3.45	0.103	0.998	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	0.794	0.113	4.99	N/A	N/A	3	6415523
Total Hexa CDF **	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	0.444	0.108	4.99	N/A	N/A	2	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.648	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG364						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	114	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG365						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.997	1.00	0.115	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.198 (1)	0.198	4.99	1.00	0.198	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.219	0.114	4.99	0.100	0.0219	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.249	0.109	4.99	0.0100	0.00249	N/A	6415523
Octa CDD *	pg/g	0.520	0.105	9.97	0.000300	0.000156	N/A	6415523
Total Tetra CDD *	pg/g	0.133	0.115	0.997	N/A	N/A	1	6415523
Total Penta CDD *	pg/g	<0.286 (1)	0.286	4.99	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	0.219	0.118	4.99	N/A	N/A	1	6415523
Total Hepta CDD *	pg/g	0.249	0.109	4.99	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	0.873	0.114	0.997	0.100	0.0873	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.149 (2)	0.149	4.99	0.0300	0.00447	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	<0.177 (1)	0.177	4.99	0.300	0.0531	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.141	0.109	4.99	0.100	0.0141	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.114	0.112	4.99	0.0100	0.00114	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.99	0.0100	0.00103	N/A	6415523
Octa CDF **	pg/g	0.266	0.109	9.97	0.000300	0.0000798	N/A	6415523
Total Tetra CDF **	pg/g	3.38	0.114	0.997	N/A	N/A	6	6415523
Total Penta CDF **	pg/g	0.298	0.112	4.99	N/A	N/A	2	6415523
Total Hexa CDF **	pg/g	0.141	0.108	4.99	N/A	N/A	1	6415523
Total Hepta CDF **	pg/g	0.114	0.107	4.99	N/A	N/A	1	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.555	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG365						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6415523

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* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG366						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.997	1.00	0.118	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	0.497	0.114	4.99	1.00	0.497	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.672	0.107	4.99	0.100	0.0672	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	0.185	0.110	4.99	0.100	0.0185	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.231	0.112	4.99	0.0100	0.00231	N/A	6415523
Octa CDD *	pg/g	0.316	0.119	9.97	0.000300	0.0000948	N/A	6415523
Total Tetra CDD *	pg/g	0.598	0.118	0.997	N/A	N/A	3	6415523
Total Penta CDD *	pg/g	0.944	0.114	4.99	N/A	N/A	2	6415523
Total Hexa CDD *	pg/g	1.91	0.111	4.99	N/A	N/A	4	6415523
Total Hepta CDD *	pg/g	0.231	0.112	4.99	N/A	N/A	1	6415523
2,3,7,8-Tetra CDF **	pg/g	1.67	0.107	0.997	0.100	0.167	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.143	0.111	4.99	0.0300	0.00429	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.258	0.103	4.99	0.300	0.0774	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	0.125	0.109	4.99	0.100	0.0125	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.122	0.122	4.99	0.0100	0.00122	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6415523
Octa CDF **	pg/g	<0.0999	0.0999	9.97	0.000300	0.0000300	N/A	6415523
Total Tetra CDF **	pg/g	9.55	0.107	0.997	N/A	N/A	8	6415523
Total Penta CDF **	pg/g	1.89	0.107	4.99	N/A	N/A	5	6415523
Total Hexa CDF **	pg/g	0.264	0.108	4.99	N/A	N/A	2	6415523
Total Hepta CDF **	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.91	0.13	110	0.100	0.191	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.03	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG366						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	107	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	107	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	114	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	108	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	1.00	1.00	0.113	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.123 (1)	0.123	5.00	1.00	0.123	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	5.00	0.100	0.0120	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.268	0.115	5.00	0.100	0.0268	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.119	0.119	5.00	0.100	0.0119	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.234	0.103	5.00	0.0100	0.00234	N/A	6415523
Octa CDD *	pg/g	1.12	0.109	10.0	0.000300	0.000336	N/A	6415523
Total Tetra CDD *	pg/g	<0.286 (1)	0.286	1.00	N/A	N/A	0	6415523
Total Penta CDD *	pg/g	<0.242 (1)	0.242	5.00	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	0.268	0.120	5.00	N/A	N/A	1	6415523
Total Hepta CDD *	pg/g	0.476	0.103	5.00	N/A	N/A	2	6415523
2,3,7,8-Tetra CDF **	pg/g	0.544	0.119	1.00	0.100	0.0544	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	5.00	0.0300	0.00336	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	5.00	0.300	0.0312	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	5.00	0.100	0.0110	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	5.00	0.100	0.0118	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.117	0.105	5.00	0.0100	0.00117	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0971	0.0971	5.00	0.0100	0.000971	N/A	6415523
Octa CDF **	pg/g	<0.311 (1)	0.311	10.0	0.000300	0.0000933	N/A	6415523
Total Tetra CDF **	pg/g	2.07	0.119	1.00	N/A	N/A	6	6415523
Total Penta CDF **	pg/g	<0.230 (1)	0.230	5.00	N/A	N/A	0	6415523
Total Hexa CDF **	pg/g	<0.115	0.115	5.00	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	0.354	0.101	5.00	N/A	N/A	2	6415523
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.427	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.993	1.00	0.118	N/A	6415523
1,2,3,7,8-Penta CDD *	pg/g	<0.500 (1)	0.500	4.97	1.00	0.500	N/A	6415523
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6415523
1,2,3,6,7,8-Hexa CDD *	pg/g	0.873	0.107	4.97	0.100	0.0873	N/A	6415523
1,2,3,7,8,9-Hexa CDD *	pg/g	0.163	0.110	4.97	0.100	0.0163	N/A	6415523
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.170 (1)	0.170	4.97	0.0100	0.00170	N/A	6415523
Octa CDD *	pg/g	0.134	0.114	9.93	0.000300	0.0000402	N/A	6415523
Total Tetra CDD *	pg/g	<0.265 (1)	0.265	0.993	N/A	N/A	0	6415523
Total Penta CDD *	pg/g	<0.500 (1)	0.500	4.97	N/A	N/A	0	6415523
Total Hexa CDD *	pg/g	1.04	0.111	4.97	N/A	N/A	2	6415523
Total Hepta CDD *	pg/g	<0.170 (1)	0.170	4.97	N/A	N/A	0	6415523
2,3,7,8-Tetra CDF **	pg/g	1.45	0.119	0.993	0.100	0.145	N/A	6415523
1,2,3,7,8-Penta CDF **	pg/g	0.211	0.105	4.97	0.0300	0.00633	N/A	6415523
2,3,4,7,8-Penta CDF **	pg/g	0.278	0.0971	4.97	0.300	0.0834	N/A	6415523
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6415523
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6415523
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6415523
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.97	0.100	0.0118	N/A	6415523
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.97	0.0100	0.00112	N/A	6415523
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.97	0.0100	0.00104	N/A	6415523
Octa CDF **	pg/g	<0.0971	0.0971	9.93	0.000300	0.0000291	N/A	6415523
Total Tetra CDF **	pg/g	3.51	0.119	0.993	N/A	N/A	7	6415523
Total Penta CDF **	pg/g	1.06	0.101	4.97	N/A	N/A	4	6415523
Total Hexa CDF **	pg/g	<0.115	0.115	4.97	N/A	N/A	0	6415523
Total Hepta CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6415523
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.66	0.10	1.1	0.100	0.166	N/A	6428700
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.04	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6428700
37CL4 2378 Tetra CDD *	%	93	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDD *	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-123478 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-1234789 HeptaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6415523
C13-123678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6415523
C13-12378 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-123789 HexaCDF **	%	103	N/A	N/A	N/A	N/A	N/A	6415523
C13-234678 HexaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6415523
C13-23478 PentaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6415523
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6415523
C13-OCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6415523

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
** CDF = Chloro Dibenzo-p-Furan
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.996	1.00	0.106	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.104	0.104	4.98	1.00	0.104	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6460728
Octa CDD *	pg/g	<0.112	0.112	9.96	0.000300	0.0000336	N/A	6460728
Total Tetra CDD *	pg/g	<0.106	0.106	0.996	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.996	0.100	0.0117	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.98	0.0300	0.00315	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.0977	0.0977	4.98	0.300	0.0293	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.98	0.100	0.0100	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0987	0.0987	4.98	0.0100	0.000987	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0912	0.0912	4.98	0.0100	0.000912	N/A	6460728
Octa CDF **	pg/g	<0.108	0.108	9.96	0.000300	0.0000324	N/A	6460728
Total Tetra CDF **	pg/g	<0.117	0.117	0.996	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.101	0.101	4.98	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.0948	0.0948	4.98	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.332	N/A	N/A

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	95	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.995	1.00	0.114	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.220	0.220	4.98	1.00	0.220	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.98	0.0100	0.00105	N/A	6460728
Octa CDD *	pg/g	<0.163	0.163	9.95	0.000300	0.0000489	N/A	6460728
Total Tetra CDD *	pg/g	<0.114	0.114	0.995	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.220	0.220	4.98	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.119	0.119	0.995	0.100	0.0119	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.98	0.0300	0.00333	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.98	0.300	0.0309	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.109	0.109	4.98	0.0100	0.00109	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.98	0.0100	0.00101	N/A	6460728
Octa CDF **	pg/g	<0.131	0.131	9.95	0.000300	0.0000393	N/A	6460728
Total Tetra CDF **	pg/g	<0.119	0.119	0.995	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.107	0.107	4.98	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.460	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	1.00	1.00	0.113	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.198	0.198	5.00	1.00	0.198	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.121	0.121	5.00	0.100	0.0121	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.119	0.119	5.00	0.100	0.0119	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107	0.107	5.00	0.0100	0.00107	N/A	6460728
Octa CDD *	pg/g	<0.216	0.216	10.0	0.000300	0.0000648	N/A	6460728
Total Tetra CDD *	pg/g	<0.113	0.113	1.00	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.198	0.198	5.00	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.189 (1)	0.189	5.00	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.107	0.107	5.00	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	0.177	0.114	1.00	0.100	0.0177	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	5.00	0.0300	0.00363	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	5.00	0.300	0.0336	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	5.00	0.0100	0.00113	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	5.00	0.0100	0.00104	N/A	6460728
Octa CDF **	pg/g	<0.130	0.130	10.0	0.000300	0.0000390	N/A	6460728
Total Tetra CDF **	pg/g	0.177	0.114	1.00	N/A	N/A	1	6460728
Total Penta CDF **	pg/g	<0.116	0.116	5.00	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.108	0.108	5.00	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.450	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.997	1.00	0.111	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.192	0.192	4.98	1.00	0.192	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.117	0.117	4.98	0.0100	0.00117	N/A	6460728
Octa CDD *	pg/g	<0.224	0.224	9.97	0.000300	0.0000672	N/A	6460728
Total Tetra CDD *	pg/g	<0.111	0.111	0.997	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.192	0.192	4.98	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.107	0.107	4.98	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.997	0.100	0.0109	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.0300	0.00330	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	4.98	0.300	0.0306	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.98	0.100	0.0122	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.98	0.0100	0.00120	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.98	0.0100	0.00111	N/A	6460728
Octa CDF **	pg/g	<0.117	0.117	9.97	0.000300	0.0000351	N/A	6460728
Total Tetra CDF **	pg/g	<0.109	0.109	0.997	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.106	0.106	4.98	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.431	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.999	1.00	0.119	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.208	0.208	4.99	1.00	0.208	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.139	0.102	4.99	0.0100	0.00139	N/A	6460728
Octa CDD *	pg/g	0.408	0.204	9.99	0.000300	0.000122	N/A	6460728
Total Tetra CDD *	pg/g	<0.119	0.119	0.999	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.208	0.208	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.206 (1)	0.206	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	0.139	0.102	4.99	N/A	N/A	1	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.999	0.100	0.0103	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.99	0.0300	0.00360	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.300	0.0333	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.131	0.131	4.99	0.100	0.0131	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.131	0.131	4.99	0.100	0.0131	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.124	0.124	4.99	0.100	0.0124	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.133	0.133	4.99	0.100	0.0133	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.99	0.0100	0.00103	N/A	6460728
Octa CDF **	pg/g	<0.138	0.138	9.99	0.000300	0.0000414	N/A	6460728
Total Tetra CDF **	pg/g	0.226	0.103	0.999	N/A	N/A	2	6460728
Total Penta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.129	0.129	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.463	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.997	1.00	0.105	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.177	0.177	4.98	1.00	0.177	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.98	0.100	0.0134	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.128	0.128	4.98	0.100	0.0128	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.132	0.132	4.98	0.100	0.0132	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6460728
Octa CDD *	pg/g	<0.157	0.157	9.97	0.000300	0.0000471	N/A	6460728
Total Tetra CDD *	pg/g	<0.105	0.105	0.997	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.177	0.177	4.98	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.133	0.133	4.98	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.997	0.100	0.0106	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.98	0.0300	0.00351	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.98	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.98	0.100	0.0121	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.140	0.140	4.98	0.0100	0.00140	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.129	0.129	4.98	0.0100	0.00129	N/A	6460728
Octa CDF **	pg/g	<0.141	0.141	9.97	0.000300	0.0000423	N/A	6460728
Total Tetra CDF **	pg/g	<0.106	0.106	0.997	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.135	0.135	4.98	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.419	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	54	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.998	1.00	0.105	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.226	0.226	4.99	1.00	0.226	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.99	0.0100	0.00116	N/A	6460728
Octa CDD *	pg/g	<0.145	0.145	9.98	0.000300	0.0000435	N/A	6460728
Total Tetra CDD *	pg/g	<0.105	0.105	0.998	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.226	0.226	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.998	0.100	0.0114	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.99	0.0300	0.00414	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.128	0.128	4.99	0.300	0.0384	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.99	0.100	0.0121	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.228	0.228	4.99	0.0100	0.00228	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.211	0.211	4.99	0.0100	0.00211	N/A	6460728
Octa CDF **	pg/g	<0.155	0.155	9.98	0.000300	0.0000465	N/A	6460728
Total Tetra CDF **	pg/g	<0.114	0.114	0.998	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.133	0.133	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.219	0.219	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.473	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	87	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	57	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.993	1.00	0.115	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.96	1.00	0.116	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.96	0.100	0.0119	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.96	0.100	0.0114	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.96	0.100	0.0117	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.121	0.121	4.96	0.0100	0.00121	N/A	6460728
Octa CDD *	pg/g	<0.143	0.143	9.93	0.000300	0.0000429	N/A	6460728
Total Tetra CDD *	pg/g	<0.115	0.115	0.993	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.116	0.116	4.96	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.118	0.118	4.96	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.121	0.121	4.96	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.118	0.118	0.993	0.100	0.0118	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.96	0.0300	0.00336	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.96	0.300	0.0312	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0996	0.0996	4.96	0.100	0.00996	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	4.96	0.0100	0.00121	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6460728
Octa CDF **	pg/g	<0.146	0.146	9.93	0.000300	0.0000438	N/A	6460728
Total Tetra CDF **	pg/g	<0.118	0.118	0.993	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.104	0.104	4.96	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.116	0.116	4.96	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.358	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	59	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.998	1.00	0.115	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.193	0.193	4.99	1.00	0.193	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.131	0.131	4.99	0.100	0.0131	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.126	0.126	4.99	0.100	0.0126	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.130	0.130	4.99	0.100	0.0130	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.114	0.114	4.99	0.0100	0.00114	N/A	6460728
Octa CDD *	pg/g	<0.133	0.133	9.98	0.000300	0.0000399	N/A	6460728
Total Tetra CDD *	pg/g	<0.115	0.115	0.998	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.193	0.193	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.131	0.131	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.117	0.117	0.998	0.100	0.0117	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.99	0.0300	0.00345	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.300	0.0318	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.99	0.0100	0.00119	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6460728
Octa CDF **	pg/g	0.114	0.110	9.98	0.000300	0.0000342	N/A	6460728
Total Tetra CDF **	pg/g	<0.129 (1)	0.129	0.998	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.443	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	49	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.993	1.00	0.108	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.145	0.145	4.96	1.00	0.145	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.172	0.172	4.96	0.100	0.0172	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.165	0.165	4.96	0.100	0.0165	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.170	0.170	4.96	0.100	0.0170	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.96	0.0100	0.00112	N/A	6460728
Octa CDD *	pg/g	<0.205	0.205	9.93	0.000300	0.0000615	N/A	6460728
Total Tetra CDD *	pg/g	<0.108	0.108	0.993	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.145	0.145	4.96	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.172	0.172	4.96	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.112	0.112	4.96	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.993	0.100	0.0110	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.96	0.0300	0.00351	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.96	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.144	0.144	4.96	0.0100	0.00144	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.133	0.133	4.96	0.0100	0.00133	N/A	6460728
Octa CDF **	pg/g	<0.127	0.127	9.93	0.000300	0.0000381	N/A	6460728
Total Tetra CDF **	pg/g	<0.110	0.110	0.993	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.113	0.113	4.96	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.107	0.107	4.96	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.138	0.138	4.96	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.398	N/A	N/A

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.999	1.00	0.109	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.202	0.202	4.99	1.00	0.202	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.143	0.143	4.99	0.100	0.0143	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.138	0.138	4.99	0.100	0.0138	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.142	0.142	4.99	0.100	0.0142	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.99	0.0100	0.00110	N/A	6460728
Octa CDD *	pg/g	<0.183 (1)	0.183	9.99	0.000300	0.0000549	N/A	6460728
Total Tetra CDD *	pg/g	<0.109	0.109	0.999	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.202	0.202	4.99	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.175 (1)	0.175	4.99	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.999	0.100	0.0110	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.99	0.0300	0.00351	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.99	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.99	0.0100	0.00107	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0991	0.0991	4.99	0.0100	0.000991	N/A	6460728
Octa CDF **	pg/g	<0.144	0.144	9.99	0.000300	0.0000432	N/A	6460728
Total Tetra CDF **	pg/g	<0.110	0.110	0.999	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.113	0.113	4.99	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.446	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	1.00	1.00	0.116	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.216	0.216	5.00	1.00	0.216	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.153	0.153	5.00	0.100	0.0153	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.147	0.147	5.00	0.100	0.0147	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.151	0.151	5.00	0.100	0.0151	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113	0.113	5.00	0.0100	0.00113	N/A	6460728
Octa CDD *	pg/g	<0.236	0.236	10.0	0.000300	0.0000708	N/A	6460728
Total Tetra CDD *	pg/g	<0.116	0.116	1.00	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.216	0.216	5.00	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.175 (1)	0.175	5.00	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	1.00	0.100	0.0107	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	5.00	0.0300	0.00345	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	5.00	0.300	0.0321	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	5.00	0.100	0.0115	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	5.00	0.0100	0.00117	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	5.00	0.0100	0.00108	N/A	6460728
Octa CDF **	pg/g	0.143	0.135	10.0	0.000300	0.0000429	N/A	6460728
Total Tetra CDF **	pg/g	<0.111 (1)	0.111	1.00	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.111	0.111	5.00	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.472	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

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** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728

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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	1.00	1.00	0.114	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	5.00	1.00	0.118	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	5.00	0.100	0.0119	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	5.00	0.100	0.0117	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.119	0.119	5.00	0.0100	0.00119	N/A	6460728
Octa CDD *	pg/g	<0.139	0.139	10.0	0.000300	0.0000417	N/A	6460728
Total Tetra CDD *	pg/g	<0.114	0.114	1.00	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.118	0.118	5.00	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.167 (1)	0.167	5.00	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.119	0.119	5.00	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	0.135	0.104	1.00	0.100	0.0135	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	5.00	0.0300	0.00363	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	5.00	0.300	0.0336	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	5.00	0.100	0.0115	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	5.00	0.0100	0.00112	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	5.00	0.0100	0.00103	N/A	6460728
Octa CDF **	pg/g	<0.121	0.121	10.0	0.000300	0.0000363	N/A	6460728
Total Tetra CDF **	pg/g	0.135	0.104	1.00	N/A	N/A	1	6460728
Total Penta CDF **	pg/g	<0.117	0.117	5.00	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.107	0.107	5.00	N/A	N/A	0	6460728

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.366	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	93	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.999	1.00	0.113	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.200	0.200	5.00	1.00	0.200	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	5.00	0.100	0.0106	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.202	0.202	5.00	0.0100	0.00202	N/A	6460728
Octa CDD *	pg/g	<0.202	0.202	9.99	0.000300	0.0000606	N/A	6460728
Total Tetra CDD *	pg/g	<0.113	0.113	0.999	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.200	0.200	5.00	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.173 (1)	0.173	5.00	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.202	0.202	5.00	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.999	0.100	0.0108	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	5.00	0.0300	0.00354	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	5.00	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	5.00	0.100	0.0114	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	5.00	0.100	0.0116	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	5.00	0.0100	0.00101	N/A	6460728
Octa CDF **	pg/g	<0.130	0.130	9.99	0.000300	0.0000390	N/A	6460728
Total Tetra CDF **	pg/g	<0.108	0.108	0.999	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.113	0.113	5.00	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.105	0.105	5.00	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.442	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	55	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.994	1.00	0.111	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.275	0.275	4.97	1.00	0.275	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.97	0.100	0.0134	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.129	0.129	4.97	0.100	0.0129	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.132	0.132	4.97	0.100	0.0132	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.119	0.119	4.97	0.0100	0.00119	N/A	6460728
Octa CDD *	pg/g	0.396	0.151	9.94	0.000300	0.000119	N/A	6460728
Total Tetra CDD *	pg/g	<0.111	0.111	0.994	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.275	0.275	4.97	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.134	0.134	4.97	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	<0.119	0.119	4.97	N/A	N/A	0	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.994	0.100	0.0116	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.97	0.0300	0.00336	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.97	0.300	0.0312	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.123	0.123	4.97	0.100	0.0123	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.123	0.123	4.97	0.100	0.0123	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.97	0.100	0.0116	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.125	0.125	4.97	0.100	0.0125	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.123	0.123	4.97	0.0100	0.00123	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.97	0.0100	0.00114	N/A	6460728
Octa CDF **	pg/g	<0.149	0.149	9.94	0.000300	0.0000447	N/A	6460728
Total Tetra CDF **	pg/g	0.147	0.116	0.994	N/A	N/A	1	6460728
Total Penta CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.121	0.121	4.97	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.118	0.118	4.97	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.524	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	79	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	56	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	1.00	1.00	0.111	N/A	6460728
1,2,3,7,8-Penta CDD *	pg/g	<0.267	0.267	5.00	1.00	0.267	N/A	6460728
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.179	0.179	5.00	0.100	0.0179	N/A	6460728
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.172	0.172	5.00	0.100	0.0172	N/A	6460728
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.177	0.177	5.00	0.100	0.0177	N/A	6460728
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	5.00	0.0100	0.00118	N/A	6460728
Octa CDD *	pg/g	0.299	0.110	10.0	0.000300	0.0000897	N/A	6460728
Total Tetra CDD *	pg/g	<0.111	0.111	1.00	N/A	N/A	0	6460728
Total Penta CDD *	pg/g	<0.267	0.267	5.00	N/A	N/A	0	6460728
Total Hexa CDD *	pg/g	<0.218 (1)	0.218	5.00	N/A	N/A	0	6460728
Total Hepta CDD *	pg/g	0.127	0.118	5.00	N/A	N/A	1	6460728
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	1.00	0.100	0.0105	N/A	6460728
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	5.00	0.0300	0.00354	N/A	6460728
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	5.00	0.300	0.0327	N/A	6460728
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	5.00	0.100	0.0113	N/A	6460728
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6460728
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	5.00	0.100	0.0115	N/A	6460728
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	5.00	0.0100	0.00119	N/A	6460728
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	5.00	0.0100	0.00110	N/A	6460728
Octa CDF **	pg/g	<0.133	0.133	10.0	0.000300	0.0000399	N/A	6460728
Total Tetra CDF **	pg/g	<0.110 (1)	0.110	1.00	N/A	N/A	0	6460728
Total Penta CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6460728
Total Hexa CDF **	pg/g	<0.112	0.112	5.00	N/A	N/A	0	6460728
Total Hepta CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6460728
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.526	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDD *	%	60	N/A	N/A	N/A	N/A	N/A	6460728
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6460728
C13-1234789 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6460728
C13-123678 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6460728
C13-12378 PentaCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6460728
C13-123789 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6460728
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6460728
C13-23478 PentaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6460728
C13-2378 TetraCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6460728
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6460728

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.119	0.119	0.994	1.00	0.119	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.181	0.181	4.97	1.00	0.181	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.97	0.100	0.0111	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107	0.107	4.97	0.0100	0.00107	N/A	6465491
Octa CDD *	pg/g	<0.163 (1)	0.163	9.94	0.000300	0.0000489	N/A	6465491
Total Tetra CDD *	pg/g	<0.119	0.119	0.994	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.181	0.181	4.97	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.421 (1)	0.421	4.97	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.107	0.107	4.97	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.994	0.100	0.0113	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.97	0.0300	0.00348	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.300	0.0324	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.97	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.97	0.0100	0.00116	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.97	0.0100	0.00107	N/A	6465491
Octa CDF **	pg/g	0.245	0.134	9.94	0.000300	0.0000735	N/A	6465491
Total Tetra CDF **	pg/g	<0.177 (1)	0.177	0.994	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.112	0.112	4.97	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.109	0.109	4.97	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.111	0.111	4.97	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.427	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	61	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	49	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	59	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.998	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.213	0.213	4.99	1.00	0.213	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6465491
Octa CDD *	pg/g	<0.158	0.158	9.98	0.000300	0.0000474	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.998	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.213	0.213	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.266 (1)	0.266	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.998	0.100	0.0114	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.99	0.0300	0.00366	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.300	0.0342	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.99	0.0100	0.00103	N/A	6465491
Octa CDF **	pg/g	<0.178	0.178	9.98	0.000300	0.0000534	N/A	6465491
Total Tetra CDF **	pg/g	<0.228 (1)	0.228	0.998	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.454	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	65	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	63	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	63	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.995	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.244	0.244	4.98	1.00	0.244	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.104	0.104	4.98	0.0100	0.00104	N/A	6465491
Octa CDD *	pg/g	<0.163	0.163	9.95	0.000300	0.0000489	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.995	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.244	0.244	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.288 (1)	0.288	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.995	0.100	0.0116	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.189	0.189	4.98	0.0300	0.00567	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.175	0.175	4.98	0.300	0.0525	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.98	0.100	0.0122	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.98	0.0100	0.00118	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.98	0.0100	0.00109	N/A	6465491
Octa CDF **	pg/g	<0.171	0.171	9.95	0.000300	0.0000513	N/A	6465491
Total Tetra CDF **	pg/g	<0.182 (1)	0.182	0.995	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.182	0.182	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.512	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	48	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	46	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	51	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	51	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.124	0.124	0.997	1.00	0.124	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.310	0.310	4.98	1.00	0.310	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.98	0.100	0.0113	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6465491
Octa CDD *	pg/g	<0.132	0.132	9.97	0.000300	0.0000396	N/A	6465491
Total Tetra CDD *	pg/g	<0.124	0.124	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.310	0.310	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.335 (1)	0.335	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.997	0.100	0.0110	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.152	0.152	4.98	0.0300	0.00456	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.141	0.141	4.98	0.300	0.0423	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.98	0.100	0.0106	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.123	0.123	4.98	0.0100	0.00123	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6465491
Octa CDF **	pg/g	<0.128	0.128	9.97	0.000300	0.0000384	N/A	6465491
Total Tetra CDF **	pg/g	<0.120 (1)	0.120	0.997	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.147	0.147	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.573	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	58	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	64	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.997	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.99	1.00	0.115	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.135	0.106	4.99	0.0100	0.00135	N/A	6465491
Octa CDD *	pg/g	0.427	0.118	9.97	0.000300	0.000128	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.113	0.113	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	0.265	0.106	4.99	N/A	N/A	2	6465491
2,3,7,8-Tetra CDF **	pg/g	0.271	0.103	0.997	0.100	0.0271	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.99	0.0300	0.00366	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	4.99	0.300	0.0339	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.158 (1)	0.158	4.99	0.0100	0.00158	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.99	0.0100	0.00104	N/A	6465491
Octa CDF **	pg/g	<0.111	0.111	9.97	0.000300	0.0000333	N/A	6465491
Total Tetra CDF **	pg/g	1.25	0.103	0.997	N/A	N/A	6	6465491
Total Penta CDF **	pg/g	0.406	0.117	4.99	N/A	N/A	1	6465491
Total Hexa CDF **	pg/g	0.161	0.107	4.99	N/A	N/A	1	6465491
Total Hepta CDF **	pg/g	<0.161 (1)	0.161	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.373	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.999	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	5.00	1.00	0.114	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	5.00	0.100	0.0108	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.117	0.117	5.00	0.0100	0.00117	N/A	6465491
Octa CDD *	pg/g	<0.120	0.120	9.99	0.000300	0.0000360	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.999	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.108	0.108	5.00	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.117	0.117	5.00	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.999	0.100	0.0107	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	5.00	0.0300	0.00366	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	5.00	0.300	0.0339	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	5.00	0.100	0.0111	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	5.00	0.100	0.0112	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	5.00	0.0100	0.00106	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0982	0.0982	5.00	0.0100	0.000982	N/A	6465491
Octa CDF **	pg/g	<0.112	0.112	9.99	0.000300	0.0000336	N/A	6465491
Total Tetra CDF **	pg/g	<0.107	0.107	0.999	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.117	0.117	5.00	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.109	0.109	5.00	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.102	0.102	5.00	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.354	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	113	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.995	1.00	0.104	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	4.98	1.00	0.113	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.100	0.100	4.98	0.0100	0.00100	N/A	6465491
Octa CDD *	pg/g	<0.105	0.105	9.95	0.000300	0.0000315	N/A	6465491
Total Tetra CDD *	pg/g	<0.104	0.104	0.995	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.121 (1)	0.121	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.100	0.100	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.995	0.100	0.0108	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.0300	0.00303	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0935	0.0935	4.98	0.300	0.0281	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0912	0.0912	4.98	0.100	0.00912	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0912	0.0912	4.98	0.100	0.00912	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0860	0.0860	4.98	0.100	0.00860	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0925	0.0925	4.98	0.100	0.00925	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0940	0.0940	4.98	0.0100	0.000940	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0868	0.0868	4.98	0.0100	0.000868	N/A	6465491
Octa CDF **	pg/g	<0.0803	0.0803	9.95	0.000300	0.0000241	N/A	6465491
Total Tetra CDF **	pg/g	<0.108	0.108	0.995	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.0969	0.0969	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.0901	0.0901	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.0902	0.0902	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.330	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	110	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.999	1.00	0.107	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	5.00	1.00	0.114	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0993	0.0993	5.00	0.100	0.00993	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	5.00	0.100	0.0102	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	5.00	0.0100	0.00103	N/A	6465491
Octa CDD *	pg/g	0.559	0.110	9.99	0.000300	0.000168	N/A	6465491
Total Tetra CDD *	pg/g	<0.107	0.107	0.999	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.149 (1)	0.149	5.00	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.103	0.103	5.00	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.111	0.111	0.999	0.100	0.0111	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	5.00	0.0300	0.00330	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	5.00	0.300	0.0306	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	5.00	0.100	0.0109	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	5.00	0.0100	0.00120	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	5.00	0.0100	0.00111	N/A	6465491
Octa CDF **	pg/g	0.144	0.118	9.99	0.000300	0.0000432	N/A	6465491
Total Tetra CDF **	pg/g	<0.111	0.111	0.999	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.106	0.106	5.00	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.106	0.106	5.00	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.115	0.115	5.00	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.342	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	79	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	56	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	66	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	1.00	1.00	0.109	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.132	0.132	5.00	1.00	0.132	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	5.00	0.100	0.0101	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	5.00	0.100	0.0104	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	5.00	0.0100	0.00109	N/A	6465491
Octa CDD *	pg/g	<0.101	0.101	10.0	0.000300	0.0000303	N/A	6465491
Total Tetra CDD *	pg/g	<0.109	0.109	1.00	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.132	0.132	5.00	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.105	0.105	5.00	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.109	0.109	5.00	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	1.00	0.100	0.0115	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.118	0.118	5.00	0.0300	0.00354	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	5.00	0.300	0.0330	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	5.00	0.100	0.0105	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0993	0.0993	5.00	0.100	0.00993	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	5.00	0.100	0.0107	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	5.00	0.0100	0.00120	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	5.00	0.0100	0.00111	N/A	6465491
Octa CDF **	pg/g	<0.114	0.114	10.0	0.000300	0.0000342	N/A	6465491
Total Tetra CDF **	pg/g	<0.115	0.115	1.00	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.114	0.114	5.00	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.104	0.104	5.00	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.116	0.116	5.00	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.365	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	105	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.997	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.99	1.00	0.105	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118	0.118	4.99	0.0100	0.00118	N/A	6465491
Octa CDD *	pg/g	<0.110	0.110	9.97	0.000300	0.0000330	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.118	0.118	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	0.135	0.118	4.99	N/A	N/A	1	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.997	0.100	0.0115	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.0856	0.0856	4.99	0.0300	0.00257	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0795	0.0795	4.99	0.300	0.0239	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.99	0.0100	0.00102	N/A	6465491
Octa CDF **	pg/g	<0.118	0.118	9.97	0.000300	0.0000354	N/A	6465491
Total Tetra CDF **	pg/g	<0.115	0.115	0.997	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.0824	0.0824	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.338	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	104	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	83	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.176	0.176	0.997	1.00	0.176	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.237	0.237	4.99	1.00	0.237	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.99	0.0100	0.00109	N/A	6465491
Octa CDD *	pg/g	<0.132	0.132	9.97	0.000300	0.0000396	N/A	6465491
Total Tetra CDD *	pg/g	<0.176	0.176	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.237	0.237	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.436 (1)	0.436	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.109	0.109	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.997	0.100	0.0106	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.0300	0.00312	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0967	0.0967	4.99	0.300	0.0290	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0974	0.0974	4.99	0.100	0.00974	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0997	0.0997	4.99	0.0100	0.000997	N/A	6465491
Octa CDF **	pg/g	<0.102	0.102	9.97	0.000300	0.0000306	N/A	6465491
Total Tetra CDF **	pg/g	<0.109 (1)	0.109	0.997	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.100	0.100	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.104	0.104	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.532	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	55	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	52	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.995	1.00	0.100	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.132	0.132	4.98	1.00	0.132	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.119	0.119	4.98	0.0100	0.00119	N/A	6465491
Octa CDD *	pg/g	0.182	0.126	9.95	0.000300	0.0000546	N/A	6465491
Total Tetra CDD *	pg/g	<0.110 (1)	0.110	0.995	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.132	0.132	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.637 (1)	0.637	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.995	0.100	0.0107	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.98	0.0300	0.00357	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.300	0.0330	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.121	0.121	4.98	0.100	0.0121	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.98	0.0100	0.00113	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.104	0.104	4.98	0.0100	0.00104	N/A	6465491
Octa CDF **	pg/g	<0.108	0.108	9.95	0.000300	0.0000324	N/A	6465491
Total Tetra CDF **	pg/g	<0.137 (1)	0.137	0.995	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.115	0.115	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.118	0.118	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.362	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	53	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.999	1.00	0.113	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.99	1.00	0.119	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.99	0.100	0.0101	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6465491
Octa CDD *	pg/g	<0.124 (1)	0.124	9.99	0.000300	0.0000372	N/A	6465491
Total Tetra CDD *	pg/g	<0.113	0.113	0.999	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.119	0.119	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.114 (1)	0.114	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.999	0.100	0.0106	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.0923	0.0923	4.99	0.0300	0.00277	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0856	0.0856	4.99	0.300	0.0257	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.99	0.0100	0.00117	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6465491
Octa CDF **	pg/g	<0.109	0.109	9.99	0.000300	0.0000327	N/A	6465491
Total Tetra CDF **	pg/g	<0.106	0.106	0.999	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.0888	0.0888	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	99	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.996	1.00	0.116	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.98	1.00	0.114	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.98	0.100	0.0100	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.98	0.100	0.0103	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.110	0.110	4.98	0.0100	0.00110	N/A	6465491
Octa CDD *	pg/g	0.160	0.107	9.96	0.000300	0.0000480	N/A	6465491
Total Tetra CDD *	pg/g	<0.116	0.116	0.996	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.113 (1)	0.113	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.128	0.128	0.996	0.100	0.0128	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	4.98	0.0300	0.00327	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.300	0.0303	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.98	0.100	0.0104	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0977	0.0977	4.98	0.100	0.00977	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	0.114	0.105	4.98	0.100	0.0114	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.98	0.0100	0.00111	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.98	0.0100	0.00103	N/A	6465491
Octa CDF **	pg/g	0.122	0.107	9.96	0.000300	0.0000366	N/A	6465491
Total Tetra CDF **	pg/g	<0.128 (1)	0.128	0.996	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.105	0.105	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	0.114	0.102	4.98	N/A	N/A	1	6465491
Total Hepta CDF **	pg/g	<0.107	0.107	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.352	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	101	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	87	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.996	1.00	0.107	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.98	1.00	0.119	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.98	0.100	0.0110	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.98	0.0100	0.00111	N/A	6465491
Octa CDD *	pg/g	0.151	0.102	9.96	0.000300	0.0000453	N/A	6465491
Total Tetra CDD *	pg/g	<0.107	0.107	0.996	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.129 (1)	0.129	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.111	0.111	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	0.600	0.108	0.996	0.100	0.0600	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.98	0.0300	0.00351	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.98	0.300	0.0327	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.122	0.122	4.98	0.100	0.0122	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.109	0.109	4.98	0.0100	0.00109	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.98	0.0100	0.00100	N/A	6465491
Octa CDF **	pg/g	<0.108	0.108	9.96	0.000300	0.0000324	N/A	6465491
Total Tetra CDF **	pg/g	2.73	0.108	0.996	N/A	N/A	8	6465491
Total Penta CDF **	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.104	0.104	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.406	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	100	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	102	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.997	1.00	0.111	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.99	1.00	0.115	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107	0.107	4.99	0.0100	0.00107	N/A	6465491
Octa CDD *	pg/g	<0.111	0.111	9.97	0.000300	0.0000333	N/A	6465491
Total Tetra CDD *	pg/g	<0.111	0.111	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.108	0.108	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.997	0.100	0.0113	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.0300	0.00333	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.99	0.300	0.0309	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0970	0.0970	4.99	0.100	0.00970	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0981	0.0981	4.99	0.0100	0.000981	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0906	0.0906	4.99	0.0100	0.000906	N/A	6465491
Octa CDF **	pg/g	<0.108	0.108	9.97	0.000300	0.0000324	N/A	6465491
Total Tetra CDF **	pg/g	0.123	0.113	0.997	N/A	N/A	1	6465491
Total Penta CDF **	pg/g	<0.107	0.107	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.0942	0.0942	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.347	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	60	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	60	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	53	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	65	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.991	1.00	0.102	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.96	1.00	0.110	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.96	0.100	0.0112	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.96	0.100	0.0110	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115	0.115	4.96	0.0100	0.00115	N/A	6465491
Octa CDD *	pg/g	<0.178 (1)	0.178	9.91	0.000300	0.0000534	N/A	6465491
Total Tetra CDD *	pg/g	<0.102	0.102	0.991	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.123 (1)	0.123	4.96	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.115	0.115	4.96	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.991	0.100	0.0105	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.96	0.0300	0.00336	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.96	0.300	0.0312	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.96	0.100	0.0113	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.96	0.0100	0.00117	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.96	0.0100	0.00108	N/A	6465491
Octa CDF **	pg/g	0.124	0.106	9.91	0.000300	0.0000372	N/A	6465491
Total Tetra CDF **	pg/g	<0.105	0.105	0.991	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.110	0.110	4.96	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.113	0.113	4.96	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.337	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	94	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	94	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.996	1.00	0.107	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.98	1.00	0.112	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.98	0.100	0.0120	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.98	0.0100	0.00108	N/A	6465491
Octa CDD *	pg/g	<0.113	0.113	9.96	0.000300	0.0000339	N/A	6465491
Total Tetra CDD *	pg/g	<0.107	0.107	0.996	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.112	0.112	4.98	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.119	0.119	4.98	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.108	0.108	4.98	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	0.176	0.105	0.996	0.100	0.0176	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.98	0.0300	0.00363	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.113	0.113	4.98	0.300	0.0339	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.105	0.105	4.98	0.0100	0.00105	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0973	0.0973	4.98	0.0100	0.000973	N/A	6465491
Octa CDF **	pg/g	<0.117	0.117	9.96	0.000300	0.0000351	N/A	6465491
Total Tetra CDF **	pg/g	0.308	0.105	0.996	N/A	N/A	2	6465491
Total Penta CDF **	pg/g	<0.117	0.117	4.98	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.114	0.114	4.98	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.101	0.101	4.98	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.358	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	81	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	100	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	64	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	99	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491

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QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.992	1.00	0.118	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.102	0.102	4.96	1.00	0.102	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113	0.113	4.96	0.0100	0.00113	N/A	6465491
Octa CDD *	pg/g	<0.102	0.102	9.92	0.000300	0.0000306	N/A	6465491
Total Tetra CDD *	pg/g	<0.118	0.118	0.992	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.102	0.102	4.96	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.108	0.108	4.96	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.113	0.113	4.96	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	0.163	0.117	0.992	0.100	0.0163	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.103	0.103	4.96	0.0300	0.00309	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0956	0.0956	4.96	0.300	0.0287	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0999	0.0999	4.96	0.100	0.00999	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.96	0.100	0.0107	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.96	0.0100	0.00107	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0985	0.0985	4.96	0.0100	0.000985	N/A	6465491
Octa CDF **	pg/g	<0.106	0.106	9.92	0.000300	0.0000318	N/A	6465491
Total Tetra CDF **	pg/g	0.322	0.117	0.992	N/A	N/A	2	6465491
Total Penta CDF **	pg/g	<0.0992	0.0992	4.96	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.105	0.105	4.96	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.102	0.102	4.96	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	76	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	89	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	66	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	71	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	72	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	88	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	73	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.997	1.00	0.118	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.99	1.00	0.110	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.99	0.0100	0.00103	N/A	6465491
Octa CDD *	pg/g	<0.109	0.109	9.97	0.000300	0.0000327	N/A	6465491
Total Tetra CDD *	pg/g	<0.118	0.118	0.997	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.110	0.110	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.121 (1)	0.121	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.206 (2)	0.206	0.997	0.100	0.0206	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.99	0.0300	0.00315	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0979	0.0979	4.99	0.300	0.0294	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0835	0.0835	4.99	0.0100	0.000835	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0771	0.0771	4.99	0.0100	0.000771	N/A	6465491
Octa CDF **	pg/g	<0.105	0.105	9.97	0.000300	0.0000315	N/A	6465491
Total Tetra CDF **	pg/g	0.667	0.109	0.997	N/A	N/A	4	6465491
Total Penta CDF **	pg/g	<0.102	0.102	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.106	0.106	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.0802	0.0802	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.359	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	89	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	76	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	104	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	102	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	77	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	68	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	106	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	82	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	90	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.998	1.00	0.108	N/A	6465491
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.99	1.00	0.112	N/A	6465491
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6465491
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110	N/A	6465491
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6465491
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6465491
Octa CDD *	pg/g	<0.114	0.114	9.98	0.000300	0.0000342	N/A	6465491
Total Tetra CDD *	pg/g	<0.108	0.108	0.998	N/A	N/A	0	6465491
Total Penta CDD *	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6465491
Total Hexa CDD *	pg/g	<0.114	0.114	4.99	N/A	N/A	0	6465491
Total Hepta CDD *	pg/g	<0.112	0.112	4.99	N/A	N/A	0	6465491
2,3,7,8-Tetra CDF **	pg/g	<0.111	0.111	0.998	0.100	0.0111	N/A	6465491
1,2,3,7,8-Penta CDF **	pg/g	<0.0816	0.0816	4.99	0.0300	0.00245	N/A	6465491
2,3,4,7,8-Penta CDF **	pg/g	<0.0757	0.0757	4.99	0.300	0.0227	N/A	6465491
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6465491
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6465491
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6465491
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6465491
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.121	0.121	4.99	0.0100	0.00121	N/A	6465491
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.99	0.0100	0.00112	N/A	6465491
Octa CDF **	pg/g	<0.102	0.102	9.98	0.000300	0.0000306	N/A	6465491
Total Tetra CDF **	pg/g	<0.111	0.111	0.998	N/A	N/A	0	6465491
Total Penta CDF **	pg/g	<0.0785	0.0785	4.99	N/A	N/A	0	6465491
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6465491
Total Hepta CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6465491
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.340	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	76	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	97	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234678 HeptaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDD *	%	75	N/A	N/A	N/A	N/A	N/A	6465491
C13-123478 HexaCDF **	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-1234789 HeptaCDF **	%	105	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6465491
C13-123678 HexaCDF **	%	62	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDD *	%	69	N/A	N/A	N/A	N/A	N/A	6465491
C13-12378 PentaCDF **	%	61	N/A	N/A	N/A	N/A	N/A	6465491
C13-123789 HexaCDF **	%	98	N/A	N/A	N/A	N/A	N/A	6465491
C13-234678 HexaCDF **	%	80	N/A	N/A	N/A	N/A	N/A	6465491
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6465491
C13-2378 TetraCDF **	%	91	N/A	N/A	N/A	N/A	N/A	6465491
C13-OCDD *	%	82	N/A	N/A	N/A	N/A	N/A	6465491

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.187 (1)	0.187	0.993	1.00	0.187	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	0.453	0.116	4.97	1.00	0.453	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.386 (1)	0.386	4.97	0.100	0.0386	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	0.439	0.114	4.97	0.100	0.0439	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.372 (1)	0.372	4.97	0.100	0.0372	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.439	0.109	4.97	0.0100	0.00439	N/A	6449921
Octa CDD *	pg/g	1.13	0.140	9.93	0.000300	0.000339	N/A	6449921
Total Tetra CDD *	pg/g	<0.187 (1)	0.187	0.993	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	0.453	0.116	4.97	N/A	N/A	1	6449921
Total Hexa CDD *	pg/g	0.439	0.119	4.97	N/A	N/A	1	6449921
Total Hepta CDD *	pg/g	0.439	0.109	4.97	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.203 (2)	0.203	0.993	0.100	0.0203	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.529 (1)	0.529	4.97	0.0300	0.0159	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	0.516	0.192	4.97	0.300	0.155	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.441 (1)	0.441	4.97	0.100	0.0441	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	0.584	0.116	4.97	0.100	0.0584	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	0.512	0.109	4.97	0.100	0.0512	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	0.561	0.117	4.97	0.100	0.0561	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.497 (1)	0.497	4.97	0.0100	0.00497	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.400 (1)	0.400	4.97	0.0100	0.00400	N/A	6449921
Octa CDF **	pg/g	0.853	0.113	9.93	0.000300	0.000256	N/A	6449921
Total Tetra CDF **	pg/g	<0.203 (2)	0.203	0.993	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	0.874	0.200	4.97	N/A	N/A	2	6449921
Total Hexa CDF **	pg/g	1.66	0.114	4.97	N/A	N/A	3	6449921
Total Hepta CDF **	pg/g	<0.504 (1)	0.504	4.97	N/A	N/A	0	6449921

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.17	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	37	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	39	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	39	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	42	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	38	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.998	1.00	0.104	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.99	0.100	0.0105	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.99	0.100	0.0100	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.99	0.100	0.0103	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.212 (1)	0.212	4.99	0.0100	0.00212	N/A	6449921
Octa CDD *	pg/g	2.01	0.115	9.98	0.000300	0.000603	N/A	6449921
Total Tetra CDD *	pg/g	<0.104	0.104	0.998	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.111	0.111	4.99	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.255 (1)	0.255	4.99	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	0.309	0.114	4.99	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.998	0.100	0.0105	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.99	0.0300	0.00336	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.300	0.0312	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0966	0.0966	4.99	0.100	0.00966	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.99	0.0100	0.00120	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111	N/A	6449921
Octa CDF **	pg/g	<0.113	0.113	9.98	0.000300	0.0000339	N/A	6449921
Total Tetra CDF **	pg/g	0.127	0.105	0.998	N/A	N/A	1	6449921
Total Penta CDF **	pg/g	0.269	0.108	4.99	N/A	N/A	1	6449921
Total Hexa CDF **	pg/g	<0.101	0.101	4.99	N/A	N/A	0	6449921
Total Hepta CDF **	pg/g	<0.115	0.115	4.99	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.336	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	98	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	78	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	75	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	67	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	92	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	74	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	65	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	84	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	70	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	83	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	77	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	78	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	70	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.998	1.00	0.115	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.141	0.141	4.99	1.00	0.141	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.99	0.100	0.0116	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.115 (1)	0.115	4.99	0.0100	0.00115	N/A	6449921
Octa CDD *	pg/g	1.60	0.113	9.98	0.000300	0.000480	N/A	6449921
Total Tetra CDD *	pg/g	<0.115	0.115	0.998	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.141	0.141	4.99	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.245 (1)	0.245	4.99	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	<0.141 (1)	0.141	4.99	N/A	N/A	0	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.998	0.100	0.0110	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.99	0.0300	0.00333	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.99	0.300	0.0309	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0998	0.0998	4.99	0.100	0.00998	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0995	0.0995	4.99	0.0100	0.000995	N/A	6449921
Octa CDF **	pg/g	0.122	0.107	9.98	0.000300	0.0000366	N/A	6449921
Total Tetra CDF **	pg/g	<0.122 (1)	0.122	0.998	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.350 (1)	0.350	4.99	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	<0.105	0.105	4.99	N/A	N/A	0	6449921
Total Hepta CDF **	pg/g	<0.103	0.103	4.99	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.382	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	57	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	47	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	50	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	43	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	58	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	52	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	50	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.149	0.149	0.998	1.00	0.149	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.125	0.125	4.99	1.00	0.125	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.113	0.113	4.99	0.100	0.0113	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.444	0.114	4.99	0.0100	0.00444	N/A	6449921
Octa CDD *	pg/g	3.84	0.156	9.98	0.000300	0.00115	N/A	6449921
Total Tetra CDD *	pg/g	<0.149	0.149	0.998	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.125	0.125	4.99	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.246 (1)	0.246	4.99	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	0.444	0.114	4.99	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.118	0.118	0.998	0.100	0.0118	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.99	0.0300	0.00369	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.300	0.0342	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.122	0.122	4.99	0.0100	0.00122	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113	N/A	6449921
Octa CDF **	pg/g	0.162	0.156	9.98	0.000300	0.0000486	N/A	6449921
Total Tetra CDF **	pg/g	<0.196 (1)	0.196	0.998	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.136 (1)	0.136	4.99	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	<0.116	0.116	4.99	N/A	N/A	0	6449921
Total Hepta CDF **	pg/g	<0.117	0.117	4.99	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.413	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	42	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	37	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.994	1.00	0.103	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.97	1.00	0.118	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.97	0.100	0.0112	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.97	0.100	0.0107	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.120 (1)	0.120	4.97	0.0100	0.00120	N/A	6449921
Octa CDD *	pg/g	0.937	0.114	9.94	0.000300	0.000281	N/A	6449921
Total Tetra CDD *	pg/g	<0.103	0.103	0.994	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.118	0.118	4.97	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.272 (1)	0.272	4.97	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	<0.120 (1)	0.120	4.97	N/A	N/A	0	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.994	0.100	0.0108	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.121	0.121	4.97	0.0300	0.00363	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.97	0.300	0.0336	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.97	0.100	0.0103	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.115	0.115	4.97	0.0100	0.00115	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.97	0.0100	0.00107	N/A	6449921
Octa CDF **	pg/g	<0.155	0.155	9.94	0.000300	0.0000465	N/A	6449921
Total Tetra CDF **	pg/g	<0.173 (1)	0.173	0.994	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.269 (2)	0.269	4.97	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	<0.108	0.108	4.97	N/A	N/A	0	6449921
Total Hepta CDF **	pg/g	0.138	0.111	4.97	N/A	N/A	1	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.349	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	30 (1)	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan
(1) Recovery outside method acceptance criteria.
Minimal impact on data

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.144	0.144	0.994	1.00	0.144	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.207	0.207	4.97	1.00	0.207	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.201	0.201	4.97	0.100	0.0201	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.193	0.193	4.97	0.100	0.0193	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.198	0.198	4.97	0.100	0.0198	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.304	0.111	4.97	0.0100	0.00304	N/A	6449921
Octa CDD *	pg/g	1.34	0.174	9.94	0.000300	0.000402	N/A	6449921
Total Tetra CDD *	pg/g	<0.144	0.144	0.994	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.207	0.207	4.97	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.200	0.200	4.97	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	0.304	0.111	4.97	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	0.174	0.112	0.994	0.100	0.0174	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.153	0.153	4.97	0.0300	0.00459	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.142	0.142	4.97	0.300	0.0426	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.153 (1)	0.153	4.97	0.100	0.0153	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	0.173	0.110	4.97	0.100	0.0173	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102 (1)	0.102	4.97	0.100	0.0102	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.144 (1)	0.144	4.97	0.100	0.0144	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.290	0.119	4.97	0.0100	0.00290	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.97	0.0100	0.00110	N/A	6449921
Octa CDF **	pg/g	<0.483 (1)	0.483	9.94	0.000300	0.000145	N/A	6449921
Total Tetra CDF **	pg/g	0.174	0.112	0.994	N/A	N/A	1	6449921
Total Penta CDF **	pg/g	<0.147	0.147	4.97	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	0.173	0.108	4.97	N/A	N/A	1	6449921
Total Hepta CDF **	pg/g	0.290	0.114	4.97	N/A	N/A	1	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.540	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	26	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.239	0.117	0.991	1.00	0.239	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.140	0.140	4.96	1.00	0.140	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.96	0.100	0.0116	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.96	0.100	0.0111	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	0.207	0.115	4.96	0.100	0.0207	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.323	0.108	4.96	0.0100	0.00323	N/A	6449921
Octa CDD *	pg/g	0.640	0.114	9.91	0.000300	0.000192	N/A	6449921
Total Tetra CDD *	pg/g	0.239	0.117	0.991	N/A	N/A	1	6449921
Total Penta CDD *	pg/g	<0.140	0.140	4.96	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	0.207	0.116	4.96	N/A	N/A	1	6449921
Total Hepta CDD *	pg/g	0.323	0.108	4.96	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	0.173	0.113	0.991	0.100	0.0173	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.0300	0.00315	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.139 (1)	0.139	4.96	0.300	0.0417	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	0.219	0.106	4.96	0.100	0.0219	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.132 (2)	0.132	4.96	0.100	0.0132	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.184 (2)	0.184	4.96	0.100	0.0184	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.123 (2)	0.123	4.96	0.100	0.0123	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.151 (2)	0.151	4.96	0.0100	0.00151	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.167 (2)	0.167	4.96	0.0100	0.00167	N/A	6449921
Octa CDF **	pg/g	0.533	0.114	9.91	0.000300	0.000160	N/A	6449921
Total Tetra CDF **	pg/g	0.173	0.113	0.991	N/A	N/A	1	6449921
Total Penta CDF **	pg/g	<0.172 (1)	0.172	4.96	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	0.219	0.105	4.96	N/A	N/A	1	6449921
Total Hepta CDF **	pg/g	<0.159 (2)	0.159	4.96	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.557	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	47	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	41	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	45	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	45	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	48	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	40	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	54	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	46	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	48	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	44	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	44	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	41	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.998	1.00	0.105	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.221	0.221	4.99	1.00	0.221	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.99	0.100	0.0119	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.114	0.114	4.99	0.100	0.0114	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.204	0.109	4.99	0.0100	0.00204	N/A	6449921
Octa CDD *	pg/g	0.499	0.136	9.98	0.000300	0.000150	N/A	6449921
Total Tetra CDD *	pg/g	<0.105	0.105	0.998	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.221	0.221	4.99	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.266 (1)	0.266	4.99	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	0.204	0.109	4.99	N/A	N/A	1	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.112	0.112	0.998	0.100	0.0112	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.155	0.155	4.99	0.0300	0.00465	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.144	0.144	4.99	0.300	0.0432	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	0.144	0.115	4.99	0.100	0.0144	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	0.127	0.116	4.99	0.100	0.0127	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.196	0.133	4.99	0.0100	0.00196	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.123	0.123	4.99	0.0100	0.00123	N/A	6449921
Octa CDF **	pg/g	<0.177 (1)	0.177	9.98	0.000300	0.0000531	N/A	6449921
Total Tetra CDF **	pg/g	<0.239 (1)	0.239	0.998	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.149	0.149	4.99	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	0.271	0.113	4.99	N/A	N/A	2	6449921
Total Hepta CDF **	pg/g	0.196	0.127	4.99	N/A	N/A	1	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.475	N/A	N/A

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	36	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.167 (1)	0.167	0.999	1.00	0.167	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	0.433	0.192	4.99	1.00	0.433	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	0.332	0.110	4.99	0.100	0.0332	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	0.613	0.106	4.99	0.100	0.0613	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	0.565	0.109	4.99	0.100	0.0565	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.464 (1)	0.464	4.99	0.0100	0.00464	N/A	6449921
Octa CDD *	pg/g	1.17	0.105	9.99	0.000300	0.000351	N/A	6449921
Total Tetra CDD *	pg/g	<0.167 (1)	0.167	0.999	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	0.433	0.192	4.99	N/A	N/A	1	6449921
Total Hexa CDD *	pg/g	1.51	0.110	4.99	N/A	N/A	3	6449921
Total Hepta CDD *	pg/g	<0.464 (1)	0.464	4.99	N/A	N/A	0	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.260 (1)	0.260	0.999	0.100	0.0260	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.491 (2)	0.491	4.99	0.0300	0.0147	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.292 (1)	0.292	4.99	0.300	0.0876	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.275 (1)	0.275	4.99	0.100	0.0275	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.367 (1)	0.367	4.99	0.100	0.0367	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	0.408	0.110	4.99	0.100	0.0408	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	0.435	0.118	4.99	0.100	0.0435	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.434 (1)	0.434	4.99	0.0100	0.00434	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.347 (1)	0.347	4.99	0.0100	0.00347	N/A	6449921
Octa CDF **	pg/g	<0.938 (1)	0.938	9.99	0.000300	0.000281	N/A	6449921
Total Tetra CDF **	pg/g	<0.260 (1)	0.260	0.999	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.418 (1)	0.418	4.99	N/A	N/A	0	6449921

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

* CDD = Chloro Dibenzo-p-Dioxin

N/A = Not Applicable

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Total Hexa CDF **	pg/g	0.843	0.115	4.99	N/A	N/A	2	6449921
Total Hepta CDF **	pg/g	<0.444 (1)	0.444	4.99	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	1.04	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	34	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	26	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	25	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	28	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	31	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

** CDF = Chloro Dibenzo-p-Furan

N/A = Not Applicable

* CDD = Chloro Dibenzo-p-Dioxin

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.997	1.00	0.117	N/A	6449921
1,2,3,7,8-Penta CDD *	pg/g	<0.177	0.177	4.98	1.00	0.177	N/A	6449921
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6449921
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.98	0.100	0.0112	N/A	6449921
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.98	0.100	0.0115	N/A	6449921
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.145 (1)	0.145	4.98	0.0100	0.00145	N/A	6449921
Octa CDD *	pg/g	<0.418 (1)	0.418	9.97	0.000300	0.000125	N/A	6449921
Total Tetra CDD *	pg/g	<0.117	0.117	0.997	N/A	N/A	0	6449921
Total Penta CDD *	pg/g	<0.177	0.177	4.98	N/A	N/A	0	6449921
Total Hexa CDD *	pg/g	<0.292 (1)	0.292	4.98	N/A	N/A	0	6449921
Total Hepta CDD *	pg/g	<0.145 (1)	0.145	4.98	N/A	N/A	0	6449921
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.997	0.100	0.0116	N/A	6449921
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.98	0.0300	0.00342	N/A	6449921
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.98	0.300	0.0318	N/A	6449921
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6449921
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114	N/A	6449921
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	N/A	6449921
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.98	0.100	0.0116	N/A	6449921
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.98	0.0100	0.00106	N/A	6449921
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0977	0.0977	4.98	0.0100	0.000977	N/A	6449921
Octa CDF **	pg/g	<0.111	0.111	9.97	0.000300	0.0000333	N/A	6449921
Total Tetra CDF **	pg/g	<0.127 (1)	0.127	0.997	N/A	N/A	0	6449921
Total Penta CDF **	pg/g	<0.110	0.110	4.98	N/A	N/A	0	6449921
Total Hexa CDF **	pg/g	<0.113	0.113	4.98	N/A	N/A	0	6449921
Total Hepta CDF **	pg/g	<0.102	0.102	4.98	N/A	N/A	0	6449921
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.424	N/A	N/A

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234678 HeptaCDF **	%	29	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-123478 HexaCDF **	%	31	N/A	N/A	N/A	N/A	N/A	6449921
C13-1234789 HeptaCDF **	%	30	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDD *	%	35	N/A	N/A	N/A	N/A	N/A	6449921
C13-123678 HexaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDD *	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-12378 PentaCDF **	%	27	N/A	N/A	N/A	N/A	N/A	6449921
C13-123789 HexaCDF **	%	38	N/A	N/A	N/A	N/A	N/A	6449921
C13-234678 HexaCDF **	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-23478 PentaCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDD *	%	32	N/A	N/A	N/A	N/A	N/A	6449921
C13-2378 TetraCDF **	%	33	N/A	N/A	N/A	N/A	N/A	6449921
C13-OCDD *	%	30	N/A	N/A	N/A	N/A	N/A	6449921

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
N/A = Not Applicable
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.991	1.00	0.111	N/A	6472426
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.95	1.00	0.106	N/A	6472426
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.95	0.100	0.0104	N/A	6472426
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.95	0.100	0.0101	N/A	6472426
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.95	0.100	0.0102	N/A	6472426
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.95	0.0100	0.00105	N/A	6472426
Octa CDD *	pg/g	0.206	0.111	9.91	0.000300	0.0000618	N/A	6472426
Total Tetra CDD *	pg/g	<0.111	0.111	0.991	N/A	N/A	0	6472426
Total Penta CDD *	pg/g	<0.106	0.106	4.95	N/A	N/A	0	6472426
Total Hexa CDD *	pg/g	<0.104	0.104	4.95	N/A	N/A	0	6472426
Total Hepta CDD *	pg/g	<0.105	0.105	4.95	N/A	N/A	0	6472426
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.991	0.100	0.0102	N/A	6472426
1,2,3,7,8-Penta CDF **	pg/g	<0.122	0.122	4.95	0.0300	0.00366	N/A	6472426
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.95	0.300	0.0342	N/A	6472426
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.95	0.100	0.0117	N/A	6472426
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.95	0.100	0.0115	N/A	6472426
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111	N/A	6472426
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.95	0.100	0.0112	N/A	6472426
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.107	0.107	4.95	0.0100	0.00107	N/A	6472426
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.95	0.0100	0.00105	N/A	6472426
Octa CDF **	pg/g	0.189	0.105	9.91	0.000300	0.0000567	N/A	6472426
Total Tetra CDF **	pg/g	<0.102	0.102	0.991	N/A	N/A	0	6472426
Total Penta CDF **	pg/g	<0.118	0.118	4.95	N/A	N/A	0	6472426
Total Hexa CDF **	pg/g	<0.114	0.114	4.95	N/A	N/A	0	6472426
Total Hepta CDF **	pg/g	<0.106	0.106	4.95	N/A	N/A	0	6472426
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	0.345	N/A	N/A

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99	N/A	N/A	N/A	N/A	N/A	6472426
C13-1234678 HeptaCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6472426
C13-1234678 HeptaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6472426
C13-123478 HexaCDD *	%	96	N/A	N/A	N/A	N/A	N/A	6472426
C13-123478 HexaCDF **	%	92	N/A	N/A	N/A	N/A	N/A	6472426
C13-1234789 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6472426
C13-123678 HexaCDD *	%	86	N/A	N/A	N/A	N/A	N/A	6472426
C13-123678 HexaCDF **	%	81	N/A	N/A	N/A	N/A	N/A	6472426
C13-12378 PentaCDD *	%	85	N/A	N/A	N/A	N/A	N/A	6472426
C13-12378 PentaCDF **	%	79	N/A	N/A	N/A	N/A	N/A	6472426
C13-123789 HexaCDF **	%	95	N/A	N/A	N/A	N/A	N/A	6472426
C13-234678 HexaCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6472426
C13-23478 PentaCDF **	%	86	N/A	N/A	N/A	N/A	N/A	6472426
C13-2378 TetraCDD *	%	88	N/A	N/A	N/A	N/A	N/A	6472426
C13-2378 TetraCDF **	%	87	N/A	N/A	N/A	N/A	N/A	6472426
C13-OCDD *	%	91	N/A	N/A	N/A	N/A	N/A	6472426

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0019	0.0015	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0178	0.0011	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.0024	0.0011	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0026	0.0011	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0125	0.0011	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0032	0.0019	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0043 (1)	0.0043	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0061	0.0017	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0263	0.0012	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.0034	0.0013	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0185	0.0012	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0749	0.0015	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00671	0.00087	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00218	0.00096	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0112	0.00080	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0895	0.00079	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00263	0.00077	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0145	0.0010	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0595	0.00083	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0044	0.0011	0.0099	0.000100	0.000000440	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.00191	0.00070	0.0099	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0099	0.000300	0.000000330	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0064	0.0018	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.160	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0105	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0285	0.0013	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0717	0.0014	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0111	0.0016	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.201	0.0014	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0316	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0550	0.0015	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0790	0.0012	0.0099	0.0000300	0.00000237	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0156	0.00093	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00496	0.00098	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.158	0.0012	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0055	0.0012	0.0099	0.0000300	0.000000165	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.239	0.0013	0.0099	0.0000300	0.00000717	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0037 (1)	0.0037	0.0099	0.0000300	0.000000111	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0340	0.0013	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.249	0.0014	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0127	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0237	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0038	0.0015	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0438	0.0019	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0086	0.0014	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0105	0.0017	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0021	0.0014	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0165	0.0013	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0054	0.0019	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0381	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.116	0.0014	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.209	0.0012	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.0027	0.0016	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0265	0.0020	0.020	0.0000300	0.000000795	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0171	0.0010	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0069	0.0010	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0093	0.0019	0.0099	0.0000300	0.000000279	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0139	0.0021	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0053	0.0024	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0060 (1)	0.0060	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.0019	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0112	0.0024	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0066	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0080	0.0013	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0335	0.0019	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0121	0.0021	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0399	0.0017	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0031	0.0031	0.0099	0.0000300	0.0000000930	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0034	0.0019	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000189	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	75	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	60	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	45	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	130	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	108	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	108	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF403						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	106	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.00444	0.00083	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00304	0.00082	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906

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BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0017	0.0017	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0057	0.0015	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0033	0.0015	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0151	0.0020	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0015	0.0012	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0024	0.0012	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0196	0.0011	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0021	0.0013	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0125	0.0012	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	<0.0016	0.0016	0.0099	0.000100	0.000000160	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0099	0.000300	0.000000480	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0250	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0021	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0043	0.0013	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0138	0.0014	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0304	0.0013	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0059	0.0016	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0122	0.0015	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0129	0.00084	0.0099	0.0000300	0.000000387	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00224	0.00063	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	<0.00066	0.00066	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0262	0.0012	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	<0.00084	0.00084	0.0099	0.0000300	0.0000000252	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0361	0.00085	0.0099	0.0000300	0.00000108	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.00093	0.00093	0.0099	0.0000300	0.0000000279	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00079	0.00079	0.0099	0.100	0.0000790	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0061	0.0027	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.0380	0.0030	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0054	0.0033	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0094	0.0015	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0021	0.0011	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0062	0.0029	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0208	0.0028	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0337	0.0025	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0040	0.0016	0.020	0.0000300	0.000000120	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0029	0.0021	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0099	0.0300	0.0000480	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00247	0.00091	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0055	0.0024	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0083	0.0012	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000129	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	77	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	42	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	42	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6428906

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QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF432						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	47	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0018	0.0011	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0129	0.00067	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00125	0.00066	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00180	0.00070	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00103	0.00067	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00831	0.00066	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0020	0.0012	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.00199	0.00096	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0037	0.0012	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0269	0.00088	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0151	0.00084	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00090	0.00090	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0808	0.0011	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0045	0.0011	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00132	0.00069	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00755	0.00099	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0669	0.00097	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00228	0.00094	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00945	0.00076	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0442	0.0010	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0033	0.0014	0.010	0.000100	0.000000330	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.00189	0.00086	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0044	0.0017	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.150	0.0017	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0103	0.0016	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0283	0.0012	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0620	0.0013	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0098	0.0015	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.199	0.0013	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0361	0.0016	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0627	0.0014	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0776	0.0014	0.010	0.0000300	0.00000233	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0166	0.0010	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0051	0.0011	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.142	0.0011	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0051	0.0014	0.010	0.0000300	0.000000153	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.241	0.0014	0.010	0.0000300	0.00000723	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.0035	0.0015	0.010	0.0000300	0.000000105	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0359	0.0017	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.284	0.0019	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0152	0.0023	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0247	0.0021	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0045	0.0020	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0048	0.0021	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0529	0.0017	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0059	0.0012	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0134	0.0023	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0019	0.0019	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0184	0.0018	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0053	0.0017	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0435	0.0019	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.103	0.0018	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.243	0.0016	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.0028	0.0014	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0284	0.0014	0.020	0.0000300	0.000000852	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0183	0.0013	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0053	0.0013	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0111	0.0013	0.010	0.0000300	0.000000333	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.010	0.0300	0.0000390	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0143	0.0016	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0061	0.0019	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0027	0.0021	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0064	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.0018	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0135	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0079	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0069	0.0011	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0423	0.0015	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0132	0.0016	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0477	0.0015	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0039	0.0015	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0052	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0031	0.0024	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000181	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	117	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	58	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	47	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF439						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	105	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0064	0.0011	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0043	0.0011	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0021	0.0019	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0019	0.0019	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0064	0.0018	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0035	0.0017	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0150	0.0022	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0021	0.0017	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0014	0.0014	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0034	0.0016	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0242	0.0015	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0154	0.0016	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	<0.0022	0.0022	0.0099	0.000100	0.000000220	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0277	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0020	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0047	0.0013	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0152	0.0014	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0321	0.0014	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	<0.0052 (1)	0.0052	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0123	0.0015	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0156	0.0020	0.0099	0.0000300	0.000000468	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0030	0.0015	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0259	0.0012	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	<0.0020	0.0020	0.0099	0.0000300	0.0000000600	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0407	0.0020	0.0099	0.0000300	0.00000122	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0022	0.0022	0.0099	0.0000300	0.0000000660	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.0099	0.100	0.000190	N/A	6428906

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0072	0.0020	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0432	0.0022	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0047	0.0025	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0079	0.0024	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0064	0.0022	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0238	0.0021	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0384	0.0019	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0042	0.0020	0.020	0.0000300	0.000000126	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0036	0.0016	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0019	0.0019	0.0099	0.0000300	0.0000000570	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0020	0.0018	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0055	0.0027	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	<0.0073 (1)	0.0073	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.0099	0.0000300	0.0000000840	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000250	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	71	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	116	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	115	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF445						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	76	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	108	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	0.0030	0.0020	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0094	0.0016	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0535	0.0011	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.0053	0.0011	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0081	0.0012	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	0.0032	0.0010	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.0063	0.0011	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0428	0.0011	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	0.0024	0.0014	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0079	0.0019	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.0202	0.0017	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0309	0.0021	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.130	0.0015	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.0098	0.0016	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0739	0.0015	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.363	0.0020	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0339	0.0016	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.0078	0.0012	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0288	0.0015	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.310	0.0014	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.0092	0.0014	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0599	0.0013	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.168	0.0015	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	0.0016	0.0013	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.0015	0.0013	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.0032	0.0014	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0121	0.0021	0.0099	0.000100	0.00000121	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.0082	0.0013	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0099	0.000300	0.000000630	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0284	0.0026	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.459	0.0026	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0546	0.0025	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0740	0.0019	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.267	0.0020	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0513	0.0023	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.629	0.0020	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.124	0.0024	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.234	0.0022	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	0.0032	0.0020	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.221	0.0014	0.0099	0.0000300	0.00000663	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0419	0.0011	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0174	0.0011	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.652	0.0017	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0134	0.0014	0.0099	0.0000300	0.000000402	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.715	0.0014	0.0099	0.0000300	0.0000215	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	0.0075	0.0012	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.0119	0.0016	0.0099	0.0000300	0.000000357	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0099	0.100	0.000130	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0865	0.0025	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.626	0.0028	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0338	0.0034	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	0.0061	0.0034	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0999	0.0031	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0084	0.0030	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0195	0.0031	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.149	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0228	0.0014	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0274	0.0033	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0062	0.0027	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0557	0.0026	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0136	0.0019	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0836	0.0028	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.337	0.0026	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.461	0.0023	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.0061	0.0016	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0631	0.0019	0.020	0.0000300	0.00000189	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0413	0.0019	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	0.0018	0.0014	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0264	0.0019	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0217	0.0018	0.0099	0.0000300	0.000000651	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0343	0.0027	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0155	0.0030	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0058	0.0034	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0283	0.0029	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.0063	0.0014	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0308	0.0031	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0164	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0223	0.0013	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0864	0.0025	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0302	0.0027	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0932	0.0018	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0020 (1)	0.0020	0.0099	0.0000300	0.0000000600	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0085	0.0025	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0104	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	0.0038	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	0.0062	0.0034	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	0.0091	0.0032	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	0.0031	0.0021	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0051	0.0026	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	0.0080	0.0030	0.0099	N/A	N/A	N/A	6428906

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000220	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	140 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	114	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	76	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	153 (2)	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	128 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6428906

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) Internal standard recovery is outside method limits. Possible suppression of recovery standard.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF483						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	140	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	136	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0032	0.0020	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0311	0.00097	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00224	0.00096	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0033	0.0010	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00141	0.00098	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0114	0.00096	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0051	0.0017	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.0087	0.0022	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0102	0.0027	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0575	0.0020	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.0037	0.0021	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0344	0.0019	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.200	0.0025	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0124	0.0014	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.0028	0.0016	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0194	0.0013	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.176	0.0013	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.0047	0.0013	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0263	0.0017	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.123	0.0014	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.0020	0.0013	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0075	0.0019	0.010	0.000100	0.000000750	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.0042	0.0012	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.010	0.000300	0.000000570	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0115	0.0015	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.300	0.0016	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0324	0.0015	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0495	0.0011	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.157	0.0012	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0257	0.0014	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.457	0.0012	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0719	0.0014	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.129	0.0013	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	0.0020	0.0012	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.174	0.0015	0.010	0.0000300	0.00000522	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0316	0.0012	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0108	0.0012	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.337	0.0010	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0092	0.0015	0.010	0.0000300	0.000000276	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.491	0.0016	0.010	0.0000300	0.0000147	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0017	0.0017	0.010	0.0000300	0.0000000510	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.010	0.100	0.000150	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0651	0.0024	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.458	0.0026	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0233	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	0.0044	0.0033	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0651	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0058	0.0028	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0111	0.0029	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0896	0.0015	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0175	0.0011	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0162	0.0031	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0032	0.0026	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0340	0.0024	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0078	0.0015	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0611	0.0026	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.218	0.0025	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.344	0.0022	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.0040	0.0013	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0442	0.0020	0.020	0.0000300	0.00000133	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0295	0.0018	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0182	0.0018	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0157	0.0019	0.010	0.0000300	0.000000471	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.010	0.0300	0.0000600	N/A	6428906

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0226	0.0019	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0117	0.0021	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0048	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0163	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.0038	0.0010	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0218	0.0022	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0100	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0157	0.0010	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0564	0.0017	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0174	0.0019	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0626	0.0014	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0066	0.0017	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0077	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	0.0045	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0076 (1)	0.0076	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0047	0.0022	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	0.0062	0.0026	0.010	N/A	N/A	N/A	6428906

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000233	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	124	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	127	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	136	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	128	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	134	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	136	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	134	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	132	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF484						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	126	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	122	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	120	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	129	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0080	0.0016	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0053	0.0016	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0105	0.0020	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0064	0.0019	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0305	0.0025	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0026	0.0020	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0037	0.0019	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0376	0.0019	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0044	0.0017	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0239	0.0020	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	<0.0027	0.0027	0.010	0.000100	0.000000270	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.010	0.000300	0.000000810	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0537	0.0028	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0105	0.0020	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0270	0.0021	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0036	0.0024	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0706	0.0021	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0126	0.0025	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0200	0.0023	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0325	0.0015	0.010	0.0000300	0.000000975	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0057	0.0011	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0024	0.0011	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0571	0.0018	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.010	0.0000300	0.0000000450	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0886	0.0015	0.010	0.0000300	0.00000266	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0020 (1)	0.0020	0.010	0.0000300	0.0000000600	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.010	0.100	0.000140	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0124	0.0024	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0891	0.0026	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0047	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0091	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0163	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0027	0.0013	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0064	0.0024	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0022	0.0018	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0128	0.0026	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0409	0.0025	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0740	0.0022	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0095	0.0016	0.020	0.0000300	0.000000285	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0062	0.0018	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0040	0.0015	0.010	0.0000300	0.000000120	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.010	0.0300	0.0000450	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0041	0.0023	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0045	0.0026	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0026	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0029	0.0012	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0124	0.0021	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0038	0.0023	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0142	0.0017	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000190	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	114	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	108	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	114	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	52	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	152 (2)	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	156 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	129 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	154 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	157 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	157 (3)	N/A	N/A	N/A	N/A	N/A	6428906

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery is outside method limits.
(2) Internal standard recovery is outside method limits. Possible suppression of recovery standard.
(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	115	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	148 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	147 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	155 (1)	N/A	N/A	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0066	0.0023	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0263	0.0014	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.0039	0.0014	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0037	0.0015	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.0031	0.0014	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0211	0.0014	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0031	0.0024	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.0097	0.0021	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0110	0.0026	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0729	0.0019	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.0042	0.0020	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0426	0.0018	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.212	0.0024	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0109	0.0019	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.0045	0.0015	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0256	0.0017	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.183	0.0017	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.0062	0.0017	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0289	0.0016	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.113	0.0018	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.0016	0.0015	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.0023	0.0017	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0062	0.0025	0.0099	0.000100	0.000000620	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.0035	0.0015	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0099	0.000300	0.000000720	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0119	0.0027	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.358	0.0027	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0264	0.0025	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0670	0.0019	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.155	0.0021	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0257	0.0023	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.447	0.0020	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0879	0.0025	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.149	0.0023	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.187	0.0016	0.0099	0.0000300	0.00000561	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0384	0.0012	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0128	0.0012	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.362	0.0018	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0119	0.0016	0.0099	0.0000300	0.000000357	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.553	0.0016	0.0099	0.0000300	0.0000166	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.0080	0.0017	0.0099	0.0000300	0.000000240	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0099	0.100	0.000150	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0714	0.0032	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.573	0.0036	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0289	0.0044	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0528	0.0040	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0089	0.0038	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0132	0.0039	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.104	0.0020	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0145	0.0015	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0236	0.0042	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0058	0.0035	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0391	0.0033	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0100	0.0020	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0902	0.0035	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.208	0.0034	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.470	0.0030	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.0049	0.0017	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0575	0.0028	0.020	0.0000300	0.00000173	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0376	0.0025	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	0.0023	0.0020	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0163	0.0025	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0210	0.0026	0.0099	0.0000300	0.000000630	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.0099	0.0300	0.0000810	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0315	0.0016	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0136	0.0019	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0069	0.0021	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0165	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.0032	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0272	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0173	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0163	0.0011	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0922	0.0015	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0278	0.0016	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0987	0.0015	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0089	0.0015	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0106	0.0040	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	0.0050	0.0040	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	0.0079	0.0038	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0061	0.0031	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	0.0070	0.0036	0.0099	N/A	N/A	N/A	6428906

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BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000258	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	120	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	68	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	67	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	55	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	124	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	117	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	123	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	123	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	123	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	125	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF543						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	112	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	67	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	117	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0022	0.0018	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	<0.0083 (1)	0.0083	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00140	0.00083	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00101	0.00080	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	<0.0055 (1)	0.0055	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0033	0.0033	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0114	0.0031	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0054 (1)	0.0054	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0267	0.0034	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0025	0.0025	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00434	0.00093	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0321	0.00092	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0040	0.0027	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0174	0.00091	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.010	0.000100	0.000000110	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0369	0.0013	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0041	0.0014	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0070	0.0010	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0210	0.0011	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0024	0.0013	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0491	0.0011	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	<0.0095 (1)	0.0095	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0179	0.0012	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0209	0.0010	0.010	0.0000300	0.000000627	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00365	0.00078	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	<0.00092	0.00092	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0457	0.0011	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0580	0.0010	0.010	0.0000300	0.00000174	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00098	0.00098	0.010	0.100	0.0000980	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0091	0.0026	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0747	0.0029	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0066	0.0032	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0158	0.0010	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0107	0.0027	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0317	0.0028	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0640	0.0024	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	<0.0056 (1)	0.0056	0.020	0.0000300	0.000000168	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0047	0.0021	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0023	0.0011	0.010	0.0000300	0.0000000690	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.010	0.0300	0.0000360	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0037	0.0014	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0021	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0033	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0026	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0035	0.0011	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0105	0.0015	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0029	0.0013	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	<0.014 (1)	0.014	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.010	0.0000300	0.0000000510	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000137	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF545						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6428906

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0458	0.00099	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0029	0.0010	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.0017	0.0010	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0295	0.00096	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.0148	0.0015	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0035 (1)	0.0035	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0078	0.0015	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0624	0.0011	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0287	0.0010	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.154	0.0012	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	<0.0065 (1)	0.0065	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00341	0.00088	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0293	0.0012	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.271	0.0012	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0303	0.00095	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.177	0.0011	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.0016	0.0011	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0113	0.0014	0.010	0.000100	0.00000113	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906

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	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0042	0.0010	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0051	0.0017	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.267	0.0015	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0515	0.0012	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.147	0.0013	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0204	0.0014	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.428	0.0012	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0636	0.0014	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0836	0.0014	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.144	0.0017	0.010	0.0000300	0.00000432	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0286	0.0013	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0117	0.0016	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.342	0.0013	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0109	0.0017	0.010	0.0000300	0.000000327	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.462	0.0017	0.010	0.0000300	0.0000139	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	0.0019	0.0017	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.0037	0.0019	0.010	0.0000300	0.000000111	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.010	0.100	0.000170	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0540	0.0014	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.367	0.0016	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0186	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	0.0034	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0422	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0053	0.0016	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0046 (1)	0.0046	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0697	0.0013	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0122	0.00096	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0276	0.0021	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0025	0.0015	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0306	0.0016	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0058 (1)	0.0058	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0527	0.0014	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.198	0.0015	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.269	0.0013	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0415	0.0023	0.020	0.0000300	0.00000125	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0260	0.0012	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0100	0.0011	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0141	0.0022	0.010	0.0000300	0.000000423	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.010	0.0300	0.0000690	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0143	0.0011	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0087	0.0014	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0027	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0112	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.0034 (1)	0.0034	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0141	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0079	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0443	0.0011	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0499	0.0015	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0053	0.0012	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	0.0033	0.0027	0.020	N/A	N/A	N/A	6428906

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0032	0.0022	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000261	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF548						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	57	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	89	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00042 (1)	0.00042	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0018	0.0011	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.00797	0.00072	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00076	0.00076	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00120	0.00074	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00073	0.00073	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00600	0.00069	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.0016	0.0011	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0019	0.0019	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0134	0.0018	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0063	0.0017	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0298	0.0020	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0026	0.0015	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0043	0.0014	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0361	0.0014	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0043	0.0016	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0213	0.0014	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0020	0.0016	0.010	0.000100	0.000000200	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0023 (1)	0.0023	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0456	0.0011	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0057	0.0011	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.00881	0.00082	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0280	0.00091	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0031	0.0010	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0648	0.00089	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0237	0.00097	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0243	0.00081	0.010	0.0000300	0.000000729	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00365	0.00063	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00180	0.00074	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0636	0.00090	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	<0.0011 (1)	0.0011	0.010	0.0000300	0.0000000330	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0729	0.00082	0.010	0.0000300	0.00000219	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.00088	0.00088	0.010	0.0000300	0.0000000264	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00079	0.00079	0.010	0.100	0.0000790	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0118	0.0014	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0879	0.0015	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	<0.0038 (1)	0.0038	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	<0.0077 (1)	0.0077	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0172	0.0015	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0029	0.0011	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0033	0.0016	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0023	0.0015	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0399	0.0014	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0733	0.0013	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0078	0.0010	0.020	0.0000300	0.000000234	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0062	0.0011	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0019	0.0011	0.010	N/A	N/A	N/A	6428906

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RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.00324	0.00099	0.010	0.0000300	0.000000097	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.010	0.0300	0.0000300	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0023 (1)	0.0023	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00096 (1)	0.00096	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0050	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00266	0.00091	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0112	0.0013	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0038	0.0012	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0140	0.00082	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.00084	0.00084	0.010	0.0000300	0.0000000252	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000113	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	115	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	73	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	102	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0029 (1)	0.0029	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.00106	0.00085	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0145	0.00054	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00057	0.00057	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00130	0.00056	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00065 (1)	0.00065	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00968	0.00052	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.00389	0.00080	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.0020	0.0011	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0036	0.0014	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0196	0.0010	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0112	0.00096	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0428	0.0011	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00295	0.00064	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00098	0.00082	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00634	0.00060	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0590	0.00060	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00164	0.00058	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00770	0.00088	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0348	0.00059	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.00289	0.00071	0.0099	0.000100	0.000000289	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.00112	0.00052	0.0099	N/A	N/A	N/A	6428906

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.00071	0.00071	0.0099	0.000300	0.000000213	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.0031 (1)	0.0031	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0539	0.00084	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.00760	0.00088	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0115	0.00064	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0407	0.00071	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.00510	0.00080	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0835	0.00069	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0166	0.00081	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00079	0.00079	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0278	0.00076	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00026	0.00026	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00023	0.00023	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0300	0.00090	0.0099	0.0000300	0.000000900	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00527	0.00070	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00179	0.00083	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0848	0.00071	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00201	0.00091	0.0099	0.0000300	0.0000000603	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0890	0.00092	0.0099	0.0000300	0.00000267	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0011 (1)	0.0011	0.0099	0.0000300	0.0000000330	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00088	0.00088	0.0099	0.100	0.0000880	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0134	0.0012	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0924	0.0014	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0058	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0138	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0031	0.0016	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0202	0.00066	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.00352	0.00050	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0060	0.0018	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0066	0.0014	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0138	0.0012	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0485	0.0013	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0724	0.0011	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	<0.0080 (1)	0.0080	0.020	0.0000300	0.000000240	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0070	0.0010	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.00217	0.00096	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	<0.0029 (1)	0.0029	0.0099	0.0000300	0.0000000870	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.00084	0.00084	0.0099	0.0300	0.0000252	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0042	0.0012	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0031	0.0016	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0022	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0042	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00232	0.00077	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	<0.0038 (1)	0.0038	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0123	0.0012	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0037	0.0011	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0139	0.00069	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.00089	0.00089	0.0099	0.0000300	0.0000000267	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000118	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6428906

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF560						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	76	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0034	0.0030	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.0014 (1)	0.0014	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0104	0.00080	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00113	0.00083	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00583	0.00077	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.0029	0.0012	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0019 (1)	0.0019	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0021	0.0015	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0132	0.0011	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0053	0.0010	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0273	0.0012	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0029	0.0011	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.00089	0.00089	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00590	0.00098	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0498	0.00098	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00173	0.00094	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00383	0.00096	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0303	0.00096	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0027	0.0012	0.0099	0.000100	0.000000270	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0099	0.000300	0.000000360	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0025	0.0016	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0613	0.0015	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	<0.0052 (1)	0.0052	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0129	0.0011	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0282	0.0012	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	<0.0031 (1)	0.0031	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0719	0.0012	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0124	0.0014	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0226	0.0013	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0324	0.00094	0.0099	0.0000300	0.000000972	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00515	0.00073	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00191	0.00086	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0636	0.0012	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00179	0.00094	0.0099	0.0000300	0.0000000537	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0867	0.00096	0.0099	0.0000300	0.00000260	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.0017	0.0010	0.0099	0.0000300	0.0000000510	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00091	0.00091	0.0099	0.100	0.0000910	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0166	0.0012	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.109	0.0013	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0054	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0095	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0015	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0019	0.0015	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0170	0.0014	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0043	0.0011	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0044 (1)	0.0044	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0044	0.0014	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0026	0.0014	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0468	0.0013	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0912	0.0011	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0085	0.0011	0.020	0.0000300	0.000000255	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.00669	0.00098	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00154	0.00094	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0036	0.0011	0.0099	0.0000300	0.000000108	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0044	0.0012	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0036	0.0016	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0021	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0054 (1)	0.0054	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	<0.0030 (1)	0.0030	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0046	0.0011	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0135	0.0013	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0050	0.0012	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0172	0.0013	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000129	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF570						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0032	0.0025	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.00095	0.00089	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.00722	0.00049	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00052	0.00052	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00105	0.00052	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00056	0.00049	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00517	0.00048	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00160	0.00069	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.00085 (1)	0.00085	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0108	0.00077	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.00742	0.00075	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00081	0.00081	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0226	0.00077	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00270	0.00062	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.00078 (1)	0.00078	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00477	0.00060	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0367	0.00058	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00132	0.00056	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00547	0.00068	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0213	0.00055	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.00168	0.00064	0.0099	0.000100	0.000000168	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.00084	0.00048	0.0099	N/A	N/A	N/A	6428906

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.00063	0.00063	0.0099	0.000300	0.000000189	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.00169	0.00063	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0468	0.00056	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.00444	0.00062	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0106	0.00046	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0287	0.00050	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.00393	0.00057	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0797	0.00049	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0133	0.00057	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00057	0.00057	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0195	0.00056	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0261	0.00079	0.0099	0.0000300	0.000000783	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00607	0.00065	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00235	0.00073	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0649	0.00047	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00139	0.00079	0.0099	0.0000300	0.0000000417	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0833	0.00080	0.0099	0.0000300	0.00000250	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0012 (1)	0.0012	0.0099	0.0000300	0.0000000360	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00077	0.00077	0.0099	0.100	0.0000770	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0127	0.0012	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.111	0.0013	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0053	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0111	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0018 (1)	0.0018	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0194	0.00044	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.00251	0.00033	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0053	0.0016	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0064	0.0013	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0141	0.0012	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0497 (2)	0.0025	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0957	0.0010	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.00077	0.00038	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.00978	0.00076	0.020	0.0000300	0.000000293	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.00756	0.00093	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00293	0.00092	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.00427	0.00072	0.0099	0.0000300	0.000000128	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.00075	0.00075	0.0099	0.0300	0.0000225	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0059	0.0014	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0034	0.0018	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.00120	0.00060	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0053	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00338	0.00081	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00488	0.00059	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0163	0.0014	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0036	0.0013	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0181	0.00071	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0019	0.0019	0.0099	0.0000300	0.0000000570	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000104	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	116	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	74	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	77	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF573						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	76	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	55	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	75	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	76	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0027	0.0023	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	<0.00063 (1)	0.00063	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.00558	0.00083	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00087	0.00087	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00315	0.00081	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.0016	0.0012	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0012	0.0012	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0083	0.0012	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0031	0.0012	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0153	0.0012	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00104	0.00090	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.00095	0.00095	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00370	0.00087	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0302	0.00084	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0185	0.00081	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	<0.0011 (1)	0.0011	0.010	0.000100	0.000000110	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.00092	0.00092	0.010	0.000300	0.000000276	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0528	0.00051	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0110	0.00042	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0149	0.00046	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.00272	0.00053	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0512	0.00046	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.00943	0.00053	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00053	0.00053	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0109	0.00051	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0238	0.00054	0.010	0.0000300	0.000000714	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00387	0.00044	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00170	0.00050	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0402	0.00043	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00145	0.00054	0.010	0.0000300	0.0000000435	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0656	0.00055	0.010	0.0000300	0.00000197	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.00074 (1)	0.00074	0.010	0.0000300	0.0000000222	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00053	0.00053	0.010	0.100	0.0000530	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0150	0.0019	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.114	0.0021	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0054	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0069	0.0024	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0129	0.00066	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0057	0.0026	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0037	0.0022	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.00092 (1)	0.00092	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0170	0.0019	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0366 (2)	0.0044	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0972	0.0017	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0078	0.0011	0.020	0.0000300	0.000000234	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0072	0.0015	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0024	0.0010	0.010	0.0000300	0.0000000720	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0025	0.0011	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00313	0.00086	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0158	0.00084	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.00366	0.00078	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0185	0.0010	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.00095	0.00095	0.010	0.0000300	0.0000000285	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.00135	0.00085	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000895	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	108	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	85	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF581						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00032	0.00032	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0030	0.0024	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0020	0.0011	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0130	0.00061	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00107	0.00064	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00137	0.00064	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	<0.00061	0.00061	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00855	0.00060	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00233	0.00085	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.00401	0.00080	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0028 (1)	0.0028	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0171	0.00076	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.00165	0.00080	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0114	0.00074	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00079	0.00079	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0231	0.00076	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0031	0.0018	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00160	0.00061	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0075	0.0017	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0530	0.0016	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00833	0.00066	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0268	0.0016	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0020	0.0018	0.0099	0.000100	0.000000200	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0099	0.000300	0.000000540	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.00249	0.00085	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0607	0.00075	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.00525	0.00083	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0131	0.00061	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0330	0.00067	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.00546	0.00077	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0675	0.00066	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0116	0.00077	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00077	0.00077	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0232	0.00075	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0313	0.00074	0.0099	0.0000300	0.000000939	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00509	0.00061	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00156	0.00069	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0619	0.00063	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00210	0.00075	0.0099	0.0000300	0.0000000630	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0850	0.00076	0.0099	0.0000300	0.00000255	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.00081	0.00081	0.0099	0.0000300	0.0000000243	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00073	0.00073	0.0099	0.100	0.0000730	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0152	0.0016	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0943	0.0017	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0033	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0114	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0141	0.00084	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.00343	0.00063	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0049	0.0018	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0117	0.0016	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0487 (2)	0.0036	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0788	0.0014	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0082	0.0011	0.020	0.0000300	0.000000246	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0067	0.0013	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0026	0.0012	0.0099	N/A	N/A	N/A	6428906

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	<0.0026 (1)	0.0026	0.0099	0.0000300	0.0000000780	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.00521	0.00086	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0024 (1)	0.0024	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0018	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.00089	0.00059	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0036	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00285	0.00079	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00357	0.00057	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0118	0.00086	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.00317	0.00080	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0143	0.00069	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.0099	0.0000300	0.0000000330	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000111	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	96	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0037	0.0018	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.00175	0.00090	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0127	0.00037	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	<0.00086 (1)	0.00086	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00130	0.00039	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00043	0.00037	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.00764	0.00037	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.00039	0.00039	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6428906
344'-TriCB-(37)	ng/g	0.00288	0.00052	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00036	0.00036	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0038 (1)	0.0038	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0040	0.0010	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0179	0.00081	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00088	0.00088	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0105	0.00079	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0231	0.00081	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00303	0.00094	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.00065	0.00065	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.00736	0.00091	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0511	0.00088	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00159	0.00086	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00808	0.00071	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0281	0.00084	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.00163	0.00097	0.0099	0.000100	0.000000163	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.00097	0.00097	0.0099	0.000300	0.000000291	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0023	0.0011	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0609	0.00093	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	<0.0038 (1)	0.0038	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0127	0.00077	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0325	0.00084	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.00499	0.00096	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.0656	0.00083	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0108	0.00097	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00096	0.00096	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0234	0.00093	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0306	0.00062	0.0099	0.0000300	0.000000918	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.00535	0.00051	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00168	0.00058	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.0629	0.00078	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00213	0.00063	0.0099	0.0000300	0.0000000639	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.0874	0.00064	0.0099	0.0000300	0.00000262	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'6-PentaCB-(121)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.00093	0.00068	0.0099	0.0000300	0.0000000279	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00061	0.00061	0.0099	0.100	0.0000610	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0135	0.00097	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.0933	0.0011	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0044	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0108	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0143	0.00090	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.00337	0.00068	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0046	0.0013	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0048	0.0011	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.00150	0.00087	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0117	0.00098	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0460 (2)	0.0025	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.0756	0.00086	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.00861	0.00070	0.020	0.0000300	0.000000258	N/A	6428906

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'6-HexaCB-(158)	ng/g	0.00641	0.00079	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.00322	0.00067	0.0099	0.0000300	0.000000097	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.00070	0.00070	0.0099	0.0300	0.0000210	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0027	0.0012	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0015	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00077 (1)	0.00077	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0038	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00220	0.00075	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00309	0.00054	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0119	0.00094	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.00263	0.00087	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0142	0.00065	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.00083	0.00083	0.0099	0.0000300	0.0000000249	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'455'6-HeptaCB-(192)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	<0.00094	0.00094	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.00111	0.00078	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000865	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	99	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6428906

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QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF588						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	0.0047	0.0026	0.0099	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	0.00241	0.00091	0.0099	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	0.00238	0.00070	0.0099	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0102	0.00059	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0917	0.00045	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00528	0.00047	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.0108	0.00047	0.0099	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	0.00208	0.00045	0.0099	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00593	0.00045	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	0.00116	0.00052	0.0099	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0709	0.00044	0.0099	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	0.00341	0.00047	0.0099	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0169	0.00063	0.0099	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	0.0318	0.00088	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.0249	0.0011	0.0099	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	0.00591	0.00099	0.0099	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.207	0.00083	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00090	0.00090	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	0.0224	0.00088	0.0099	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0924	0.00081	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00087	0.00087	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.457	0.00083	0.0099	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0397	0.00099	0.0099	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.0130	0.00067	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0711	0.00096	0.0099	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.676	0.00093	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.0213	0.00091	0.0099	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.106	0.00073	0.0099	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.392	0.00089	0.0099	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.00281	0.00086	0.0099	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.00645	0.00088	0.0099	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0213	0.0010	0.0099	0.000100	0.00000213	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.0110	0.00078	0.0099	N/A	N/A	N/A	6428906
33'55'-TetraCB-(80)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.0099	0.000300	0.000000300	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0215	0.00075	0.0099	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.840	0.00066	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0761	0.00073	0.0099	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.147	0.00054	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.442	0.00059	0.059	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0875	0.00068	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	1.23	0.00058	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.220	0.00068	0.0099	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0103	0.00068	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.296	0.00066	0.0099	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00022	0.00022	0.0099	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	0.00430	0.00059	0.0099	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0099	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.417	0.00051	0.0099	0.0000300	0.0000125	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0843	0.00042	0.0099	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0341	0.00048	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	1.14	0.00055	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	0.00112	0.00049	0.0099	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.0270	0.00052	0.0099	0.0000300	0.000000810	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	1.37	0.00052	0.0099	0.0000300	0.0000411	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	0.00717	0.00054	0.0099	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.0094 (1)	0.0094	0.0099	0.0000300	0.000000282	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	0.00117	0.00050	0.0099	0.100	0.000117	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.169	0.0012	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	1.15	0.0013	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0602	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	0.0115	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.151	0.0015	0.0099	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0179	0.0014	0.0099	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0221	0.0016	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.234	0.00095	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0329	0.00072	0.0099	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0682	0.0016	0.0099	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0114	0.0013	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.106	0.0014	0.0099	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.0175	0.00092	0.0099	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.157	0.0012	0.0099	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.667 (1)	0.00094	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.707	0.0010	0.0099	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.00987	0.00082	0.0099	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.117	0.0013	0.020	0.0000300	0.00000351	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0715	0.00095	0.0099	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	0.0040	0.0013	0.0099	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0374	0.00093	0.0099	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0399	0.0012	0.0099	0.0000300	0.00000120	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0416	0.00097	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0282	0.0013	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0106	0.0013	0.0099	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0342	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.00905	0.00091	0.0099	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0450	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0250	0.0012	0.0099	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0362	0.00089	0.0099	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.120	0.00097	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0181	0.00090	0.0099	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.134	0.0011	0.0099	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	0.0029	0.0011	0.0099	0.0000300	0.0000000870	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0124	0.00099	0.0099	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	0.00214	0.00095	0.0099	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0115	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	0.0077	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	0.0078	0.0011	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	0.00571	0.00083	0.0099	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	0.00795	0.00094	0.0099	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	0.0073	0.0010	0.0099	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000218	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	114	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	113	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	105	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	76	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF591						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.0052	0.0011	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0261	0.00061	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00204	0.00069	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00326	0.00067	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00200	0.00064	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0201	0.00062	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	0.00090	0.00083	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00394	0.00087	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0085 (1)	0.0085	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	<0.0076 (1)	0.0076	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0662	0.0010	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0354	0.00098	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.145	0.0011	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.0089	0.0011	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	0.00397	0.00082	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0216	0.0010	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.149	0.0010	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	0.00631	0.00096	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.0232	0.00088	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0771	0.00096	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.00218	0.00099	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.0022	0.0010	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.0056	0.0011	0.010	0.000100	0.000000560	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.00759	0.00094	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.335	0.00085	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0146	0.00093	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0650	0.00069	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.111	0.00074	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	0.0219	0.00084	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.372	0.00072	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0769	0.00085	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00191	0.00084	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0948	0.00081	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	0.00158	0.00074	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.156	0.00079	0.010	0.0000300	0.00000468	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0399	0.00063	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.0104	0.00072	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.270	0.00069	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	0.00107	0.00060	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00995	0.00080	0.010	0.0000300	0.000000299	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.522	0.00081	0.010	0.0000300	0.0000157	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	0.00214	0.00077	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	0.00495	0.00086	0.010	0.0000300	0.000000149	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	0.00202	0.00077	0.010	0.100	0.000202	N/A	6428906
33'455'-PentaCB-(127)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0922	0.0015	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.764	0.0016	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0351	0.0019	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	0.0026	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0509	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.0151	0.0017	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0076	0.0019	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.119	0.00053	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.0114	0.00041	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0414	0.0022	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	0.0077	0.0016	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0412	0.0016	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	0.00804	0.00052	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.136	0.0015	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.239 (1)	0.0026	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.678	0.0013	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.00735	0.00046	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.0013 (2)	0.0013	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0661	0.0010	0.020	0.0000300	0.00000198	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.0349	0.0011	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	0.00358	0.00091	0.010	N/A	N/A	N/A	6428906
233'4'5'6-HexaCB-(164)	ng/g	0.0143	0.0011	0.010	N/A	N/A	N/A	6428906

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(1) ** Result taken from M1191208A run **

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.0276	0.00095	0.010	0.0000300	0.000000828	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.010	0.0300	0.0000300	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0475	0.0010	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	0.0185	0.0013	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	0.0126	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.0145	0.0012	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	0.0020	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	0.00388	0.00097	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.0365	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.0344	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.0206	0.00096	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.154	0.0010	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.0319	0.0012	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	0.00173	0.00092	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.171	0.0012	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0022 (1)	0.0022	0.010	0.0000300	0.0000000660	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.0109	0.0010	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	0.0024	0.0010	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	0.0143	0.0018	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0038 (1)	0.0038	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	0.0090	0.0010	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6428906
OctaCB-(198)+(199)	ng/g	0.0176	0.0010	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	0.00468	0.00072	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0113	0.00084	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	0.0119	0.00094	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000257	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	109	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	125	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	108	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	104	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	92	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	70	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	83	N/A	N/A	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	106	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6428906
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6428906
4-MonoCB-(3)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6428906
22'-DiCB-(4)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6428906
2,3-DiCB-(5)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6428906
2,3'-DiCB-(6)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6428906
2,4-DiCB-(7)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6428906
2,4'-DiCB-(8)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6428906
2,5-DiCB-(9)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6428906
2,6-DiCB-(10)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6428906
3,3'-DiCB-(11)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6428906
DiCB-(12)+(13)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6428906
3,5-DiCB-(14)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6428906
4,4'-DiCB-(15)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6428906
22'3-TriCB-(16)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'4-TriCB-(17)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
TriCB-(18)+(30)	ng/g	0.00436	0.00081	0.020	N/A	N/A	N/A	6428906
22'6-TriCB-(19)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6428906
TriCB-(20) + (28)	ng/g	0.0127	0.00041	0.020	N/A	N/A	N/A	6428906
TriCB-(21)+(33)	ng/g	0.00152	0.00047	0.020	N/A	N/A	N/A	6428906
234'-TriCB-(22)	ng/g	0.00243	0.00045	0.010	N/A	N/A	N/A	6428906
235-TriCB-(23)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6428906
236-TriCB-(24)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
23'4-TriCB-(25)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6428906
TriCB-(26)+(29)	ng/g	0.00172	0.00044	0.020	N/A	N/A	N/A	6428906
23'6-TriCB-(27)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
24'5-TriCB-(31)	ng/g	0.0126	0.00042	0.010	N/A	N/A	N/A	6428906
24'6-TriCB-(32)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6428906
23'5'-TriCB-(34)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6428906
33'4-TriCB-(35)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6428906
33'5-TriCB-(36)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00201	0.00059	0.010	N/A	N/A	N/A	6428906
345-TriCB-(38)	ng/g	<0.00042	0.00042	0.010	N/A	N/A	N/A	6428906
34'5-TriCB-(39)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6428906
TetraCB-(40)+(41)+(71)	ng/g	<0.0038 (1)	0.0038	0.030	N/A	N/A	N/A	6428906
22'34'-TetraCB-(42)	ng/g	0.00311	0.00074	0.010	N/A	N/A	N/A	6428906
22'35-TetraCB-(43)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6428906
TetraCB-(44)+(47)+(65)	ng/g	0.0178	0.00061	0.030	N/A	N/A	N/A	6428906
TetraCB-(45)+(51)	ng/g	<0.00066	0.00066	0.020	N/A	N/A	N/A	6428906
22'36'-TetraCB-(46)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6428906
22'45-TetraCB-(48)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
TetraCB-(49)+TetraCB-(69)	ng/g	0.0210	0.00058	0.020	N/A	N/A	N/A	6428906
TetraCB-(50)+(53)	ng/g	<0.00063	0.00063	0.020	N/A	N/A	N/A	6428906
22'55'-TetraCB-(52)	ng/g	0.0743	0.00065	0.010	N/A	N/A	N/A	6428906
22'66'-TetraCB-(54)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6428906
233'4-TetraCB-(55)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6428906
233'4'-Tetra CB(56)	ng/g	0.00617	0.00059	0.010	N/A	N/A	N/A	6428906
233'5-TetraCB-(57)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
233'5'-TetraCB-(58)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6428906
TetraCB-(59)+(62)+(75)	ng/g	<0.0013 (1)	0.0013	0.030	N/A	N/A	N/A	6428906
2344'-TetraCB -(60)	ng/g	0.0101	0.00058	0.010	N/A	N/A	N/A	6428906
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0724	0.00057	0.040	N/A	N/A	N/A	6428906
234'5-TetraCB-(63)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6428906
234'6-TetraCB-(64)	ng/g	0.00493	0.00052	0.010	N/A	N/A	N/A	6428906
23'44'-TetraCB-(66)	ng/g	0.0366	0.00053	0.010	N/A	N/A	N/A	6428906
23'45-TetraCB-(67)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6428906
23'45'-TetraCB-(68)	ng/g	0.00131	0.00055	0.010	N/A	N/A	N/A	6428906
23'55'-TetraCB-(72)	ng/g	0.00094	0.00057	0.010	N/A	N/A	N/A	6428906
23'5'6-TetraCB-(73)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6428906
33'44'-TetraCB-(77)	ng/g	0.00309	0.00064	0.010	0.000100	0.000000309	N/A	6428906
33'45-TetraCB-(78)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6428906
33'45'-TetraCB(79)	ng/g	0.00063	0.00047	0.010	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6428906
344'5-TetraCB-(81)	ng/g	<0.00063	0.00063	0.010	0.000300	0.000000189	N/A	6428906
22'33'4-PentaCB-(82)	ng/g	0.0039	0.0013	0.010	N/A	N/A	N/A	6428906
PentaCB-(83)+(99)	ng/g	0.0514	0.0012	0.020	N/A	N/A	N/A	6428906
22'33'6-PentaCB-(84)	ng/g	0.0059	0.0013	0.010	N/A	N/A	N/A	6428906
PentaCB-(85)+(116)+(117)	ng/g	0.0122	0.00096	0.030	N/A	N/A	N/A	6428906
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0508	0.0010	0.060	N/A	N/A	N/A	6428906
PentaCB-(88)+(91)	ng/g	<0.0050 (1)	0.0050	0.020	N/A	N/A	N/A	6428906
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
PentaCB-(90)+(101)+(113)	ng/g	0.135	0.0010	0.030	N/A	N/A	N/A	6428906
22'355'-PentaCB-(92)	ng/g	0.0255	0.0012	0.010	N/A	N/A	N/A	6428906
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6428906
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'35'6-PentaCB-(95)	ng/g	0.0444	0.0011	0.010	N/A	N/A	N/A	6428906
22'366'-PentaCB-(96)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6428906
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
22'466'-PentaCB-(104)	ng/g	<0.00028	0.00028	0.010	N/A	N/A	N/A	6428906
233'44'-PentaCB-(105)	ng/g	0.0469	0.00070	0.010	0.0000300	0.00000141	N/A	6428906
233'45-PentaCB-(106)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6428906
233'4'5-PentaCB-(107)	ng/g	0.0109	0.00056	0.010	N/A	N/A	N/A	6428906
PentaCB-(108)+(124)	ng/g	0.00327	0.00064	0.020	N/A	N/A	N/A	6428906
PentaCB-(110)+(115)	ng/g	0.112	0.00097	0.020	N/A	N/A	N/A	6428906
233'55'-PentaCB-(111)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906
233'56-PentaCB-(112)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6428906
2344'5-PentaCB-(114)	ng/g	0.00296	0.00071	0.010	0.0000300	0.0000000888	N/A	6428906
23'44'5-PentaCB-(118)	ng/g	0.136	0.00072	0.010	0.0000300	0.00000408	N/A	6428906
23'455'-PentaCB-(120)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6428906
23'45'6-PentaCB-(121)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6428906
233'4'5'-PentaCB-(122)	ng/g	0.00083	0.00069	0.010	N/A	N/A	N/A	6428906
23'44'5'-PentaCB-(123)	ng/g	<0.00088 (1)	0.00088	0.010	0.0000300	0.0000000264	N/A	6428906
33'44'5-PentaCB-(126)	ng/g	<0.00069	0.00069	0.010	0.100	0.0000690	N/A	6428906

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6428906
HexaCB-(128)+(166)	ng/g	0.0228	0.00077	0.020	N/A	N/A	N/A	6428906
HexaCB-(129)+(138)+(163)	ng/g	0.170	0.00085	0.030	N/A	N/A	N/A	6428906
22'33'45'-HexaCB-(130)	ng/g	0.0076	0.0010	0.010	N/A	N/A	N/A	6428906
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6428906
22'33'46'-HexaCB-(132)	ng/g	0.0153	0.00095	0.010	N/A	N/A	N/A	6428906
22'33'55'-HexaCB-(133)	ng/g	0.00345	0.00089	0.010	N/A	N/A	N/A	6428906
HexaCB-(134)+(143)	ng/g	0.0024	0.0010	0.020	N/A	N/A	N/A	6428906
HexaCB-(135)+(151)	ng/g	0.0359	0.00084	0.020	N/A	N/A	N/A	6428906
22'33'66'-HexaCB-(136)	ng/g	0.00441	0.00065	0.010	N/A	N/A	N/A	6428906
22'344'5-HexaCB-(137)	ng/g	0.0077	0.0011	0.010	N/A	N/A	N/A	6428906
HexaCB-(139)+(140)	ng/g	<0.0010 (1)	0.0010	0.020	N/A	N/A	N/A	6428906
22'3455'-HexaCB-(141)	ng/g	0.0107	0.00085	0.010	N/A	N/A	N/A	6428906
22'3456-HexaCB-(142)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6428906
22'345'6-HexaCB-(144)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6428906
22'3466'-HexaCB-(145)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
22'34'55'-HexaCB-(146)	ng/g	0.0293	0.00082	0.010	N/A	N/A	N/A	6428906
HexaCB-(147)+(149)	ng/g	0.0834 (2)	0.0030	0.020	N/A	N/A	N/A	6428906
22'34'56'-HexaCB-(148)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6428906
22'34'66'-HexaCB-(150)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6428906
22'3566'-HexaCB-(152)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
HexaCB-(153)+(168)	ng/g	0.167	0.00070	0.010	N/A	N/A	N/A	6428906
22'44'56'-HexaCB-(154)	ng/g	0.00221	0.00073	0.010	N/A	N/A	N/A	6428906
22'44'66'-HexaCB-(155)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6428906
HexaCB-(156)+(157)	ng/g	0.0138	0.00089	0.020	0.0000300	0.000000414	N/A	6428906
233'44'6-HexaCB-(158)	ng/g	0.00893	0.00061	0.010	N/A	N/A	N/A	6428906
233'455'-HexaCB-(159)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6428906
233'456-HexaCB-(160)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6428906
233'45'6-HexaCB-(161)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
233'4'55'-HexaCB-(162)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) ** Result taken from M1191208A run **

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00545	0.00058	0.010	N/A	N/A	N/A	6428906
233'55'6-HexaCB-(165)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6428906
23'44'55'-HexaCB-(167)	ng/g	0.00497	0.00085	0.010	0.0000300	0.000000149	N/A	6428906
33'44'55'-HexaCB-(169)	ng/g	<0.00088	0.00088	0.010	0.0300	0.0000264	N/A	6428906
22'33'44'5-HeptaCB-(170)	ng/g	0.0108	0.00075	0.010	N/A	N/A	N/A	6428906
HeptaCB-(171)+(173)	ng/g	<0.0034 (1)	0.0034	0.020	N/A	N/A	N/A	6428906
22'33'455'-HeptaCB-(172)	ng/g	<0.0020 (2)	0.0020	0.010	N/A	N/A	N/A	6428906
22'33'456'-HeptaCB-(174)	ng/g	0.00546	0.00089	0.010	N/A	N/A	N/A	6428906
22'33'45'6-HeptaCB-(175)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6428906
22'33'466'-HeptaCB-(176)	ng/g	<0.00099 (1)	0.00099	0.010	N/A	N/A	N/A	6428906
22'33'45'6'-HeptaCB-(177)	ng/g	0.00857	0.00097	0.010	N/A	N/A	N/A	6428906
22'33'55'6-HeptaCB-(178)	ng/g	0.00704	0.00072	0.010	N/A	N/A	N/A	6428906
22'33'566'-HeptaCB-(179)	ng/g	0.00546	0.00052	0.010	N/A	N/A	N/A	6428906
HeptaCB-(180)+(193)	ng/g	0.0318	0.00077	0.020	N/A	N/A	N/A	6428906
22'344'56-HeptaCB-(181)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6428906
22'344'56'-HeptaCB-(182)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6428906
22'344'5'6-HeptaCB-(183)	ng/g	0.00967	0.00088	0.010	N/A	N/A	N/A	6428906
22'344'66'-HeptaCB-(184)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6428906
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6428906
22'34566'-HeptaCB-(186)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6428906
22'34'55'6-HeptaCB-(187)	ng/g	0.0343	0.00065	0.010	N/A	N/A	N/A	6428906
22'34'566'-HeptaCB-(188)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6428906
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540	N/A	6428906
233'44'56-HeptaCB-(190)	ng/g	0.00266	0.00077	0.010	N/A	N/A	N/A	6428906
233'44'5'6-HeptaCB-(191)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6428906
233'455'6-HeptaCB-(192)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6428906
22'33'44'55'-OctaCB-(194)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6428906
22'33'44'56-OctaCB-(195)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'33'44'56'-OctaCB-(196)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'44'66'OctaCB-(197)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6428906

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0027 (1)	0.0027	0.020	N/A	N/A	N/A	6428906
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6428906
22'33'45'66'-OctaCB-(201)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6428906
22'33'55'66'-OctaCB-(202)	ng/g	0.0023	0.0011	0.010	N/A	N/A	N/A	6428906
22'344'55'6-OctaCB-(203)	ng/g	<0.0022 (2)	0.0022	0.010	N/A	N/A	N/A	6428906
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6428906
233'44'55'6-OctaCB-(205)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6428906
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
22'33'44'566'-NonaCB-(207)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6428906
22'33'455'66'-NonaCB-(208)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6428906
DecaCB-(209)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6428906
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000102	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'55'6-NonaCB-(206)	%	130	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'44'5-HeptaCB-(170)	%	133	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'455'66'-NonaCB-(208)	%	137	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'66'-OctaCB-(202)	%	145 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'33'55'6-HeptaCB-(178)	%	139 (3)	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'344'55'-HeptaCB-(180)	%	136	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'34'566'-HeptaCB-(188)	%	129	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'44'66'-HexaCB-(155)	%	139	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'466'-PentaCB-(104)	%	128	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'66'-TetraCB-(54)	%	126	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'6-TriCB-(19)	%	107	N/A	N/A	N/A	N/A	N/A	6428906
C13-22'-DiCB-(4)	%	89	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'6-OctaCB-(205)	%	120	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6428906
C13-233'44'-PentaCB-(105)	%	111	N/A	N/A	N/A	N/A	N/A	6428906

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(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF601						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	131 (1)	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'55'-HexaCB-(167)	%	112	N/A	N/A	N/A	N/A	N/A	6428906
C13-2344'5-PentaCB-(114)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-23'44'5-PentaCB-(118)	%	112	N/A	N/A	N/A	N/A	N/A	6428906
C13-2'344'5-PentaCB-(123)	%	114	N/A	N/A	N/A	N/A	N/A	6428906
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'55'-HexaCB-(169)	%	84	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'5-PentaCB-(126)	%	110	N/A	N/A	N/A	N/A	N/A	6428906
C13-33'44'-TetraCB-(77)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'5-TetraCB-(81)	%	118	N/A	N/A	N/A	N/A	N/A	6428906
C13-344'-TriCB-(37)	%	111	N/A	N/A	N/A	N/A	N/A	6428906
C13-44'-DiCB-(15)	%	98	N/A	N/A	N/A	N/A	N/A	6428906
C13-4-MonoCB-(3)	%	80	N/A	N/A	N/A	N/A	N/A	6428906
C13-DecaCB-(209)	%	124	N/A	N/A	N/A	N/A	N/A	6428906
C13-HexaCB-(156)+(157)	%	113	N/A	N/A	N/A	N/A	N/A	6428906

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QC Batch = Quality Control Batch

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.041	0.041	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.022	0.022	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0108	0.0011	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0062	0.0011	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049

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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0039	0.0015	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0031	0.0031	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0108	0.0029	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0050	0.0028	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0156	0.0030	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0023	0.0023	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0060	0.0019	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0349	0.0019	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0041	0.0024	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0190	0.0017	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.010	0.000100	0.000000210	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.010	0.000300	0.000000630	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0230	0.0020	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0028	0.0022	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0059	0.0016	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.012 (1)	0.012	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0283	0.0017	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0051	0.0020	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	<0.0098 (1)	0.0098	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0139	0.0010	0.010	0.0000300	0.000000417	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.00095	0.00095	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0285	0.0017	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0335	0.0011	0.010	0.0000300	0.00000101	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.010	0.100	0.000100	N/A	6442049

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0066	0.0043	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0472	0.0047	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0080	0.0016	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0069	0.0043	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0187 (2)	0.0058	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0374	0.0038	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0027 (1)	0.0027	0.020	0.0000300	0.0000000810	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) ** Result taken from M2191207A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0022	0.0022	0.010	0.0300	0.0000660	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0067	0.0028	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0072	0.0023	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0033	0.0033	0.010	0.0000300	0.000000099	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000169	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	53	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF605						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	33	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	53	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0021 (1)	0.0021	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0103	0.0011	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.0017	0.0012	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0072	0.0012	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	0.0020	0.0016	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.0054	0.0013	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0034	0.0015	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0191	0.0012	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	0.0018	0.0013	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0093	0.0012	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0311	0.0012	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.00336	0.00070	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0013 (1)	0.0013	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.00647	0.00068	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0421	0.00067	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00159	0.00064	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0064	0.0010	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0208	0.00060	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0020 (1)	0.0020	0.0099	0.000100	0.000000200	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.00075	0.00075	0.0099	0.000300	0.000000225	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.0040	0.0011	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0540	0.00098	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0072	0.0011	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0113	0.00078	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0341	0.00088	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0044	0.0010	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0718	0.00085	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.012 (1)	0.012	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0307	0.00096	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0285	0.00069	0.0099	0.0000300	0.000000855	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.00577	0.00057	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.00229	0.00063	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0703	0.00086	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.00189	0.00070	0.0099	0.0000300	0.0000000567	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0803	0.00071	0.0099	0.0000300	0.00000241	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	0.00161	0.00076	0.0099	0.0000300	0.0000000483	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00068	0.00068	0.0099	0.100	0.0000680	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0162	0.0021	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.112	0.0023	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0062	0.0026	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0121	0.0025	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0031	0.0026	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0209	0.0011	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	0.00383	0.00081	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0051 (1)	0.0051	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0044 (1)	0.0044	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0162	0.0021	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0544 (2)	0.0087	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0991	0.0018	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.00971	0.00092	0.020	0.0000300	0.000000291	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0075	0.0016	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00377	0.00087	0.0099	0.0000300	0.000000113	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00091	0.00091	0.0099	0.0300	0.0000273	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0055	0.0011	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0032 (1)	0.0032	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0024	0.0015	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0062	0.0015	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.00397	0.00095	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.00476	0.00068	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0135	0.0011	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0040	0.0012	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0193	0.00085	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000995	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	83	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	78	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	64	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF609						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	<0.013 (1)	0.013	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0011 (1)	0.0011	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.00085	0.00085	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.00918	0.00083	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	0.0025	0.0012	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.0031	0.0014	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0034	0.0016	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0170	0.0013	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	0.0019	0.0013	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0094	0.0012	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0304	0.0013	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.00426	0.00095	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0010	0.0010	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.00835	0.00092	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0555	0.00091	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00191	0.00087	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0082	0.0011	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0302	0.00082	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0018 (1)	0.0018	0.010	0.000100	0.000000180	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.010	0.000300	0.000000300	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0542	0.0011	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0132	0.00088	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0324	0.0010	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0041	0.0011	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0663	0.00097	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0121	0.0011	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0011	0.0011	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0251	0.0011	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0312	0.00088	0.010	0.0000300	0.000000936	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.00597	0.00072	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.00261	0.00079	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0656	0.00098	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.00208	0.00089	0.010	0.0000300	0.0000000624	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0788	0.00090	0.010	0.0000300	0.00000236	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	0.00166	0.00096	0.010	0.0000300	0.0000000498	N/A	6442049

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00086	0.00086	0.010	0.100	0.0000860	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0151	0.0018	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.101	0.0020	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0044	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0120	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0186	0.0010	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	0.00390	0.00075	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0028	0.0024	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0063	0.0020	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0152	0.0018	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0489 (2)	0.0077	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0884	0.0016	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0083	0.0010	0.020	0.0000300	0.000000249	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0051	0.0014	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049

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N/A = Not Applicable

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00349	0.00099	0.010	0.0000300	0.000000105	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.010	0.0300	0.0000300	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0049 (2)	0.0049	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0035	0.0025	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0052	0.0025	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.0037	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0143	0.0019	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0030	0.0020	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0203	0.0011	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.010	0.0000300	0.0000000510	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049

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QC Batch = Quality Control Batch

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000120	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF611						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	38	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	63	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0080	0.0080	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0025	0.0014	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0163	0.00091	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00201	0.00098	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0011 (1)	0.0011	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0134	0.00092	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6442049

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	0.0021	0.0013	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.0029	0.0014	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0369	0.0013	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0242	0.0012	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0818	0.0013	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.00570	0.00078	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	0.0026	0.0010	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0122	0.00076	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0998	0.00075	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00339	0.00071	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0153	0.0011	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0535	0.00067	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	0.00153	0.00071	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	0.00117	0.00076	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0036 (1)	0.0036	0.010	0.000100	0.000000360	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.00084	0.00084	0.010	0.000300	0.000000252	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.138	0.0012	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0096	0.0014	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0322	0.00096	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0704	0.0011	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0096	0.0012	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.189	0.0011	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0375	0.0012	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0510	0.0012	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0816	0.00096	0.010	0.0000300	0.00000245	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.0160	0.00079	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.00508	0.00087	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.168	0.0011	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.00456	0.00097	0.010	0.0000300	0.000000137	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.219	0.00098	0.010	0.0000300	0.00000657	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	0.0023	0.0011	0.010	0.0000300	0.0000000690	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00094	0.00094	0.010	0.100	0.0000940	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0410	0.0013	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.308	0.0014	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0132	0.0016	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0248	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	0.0059	0.0015	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0041	0.0016	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0533	0.00098	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0041 (1)	0.0041	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0175	0.0017	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0016 (1)	0.0016	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0198	0.0014	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	0.00485	0.00095	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0416	0.0013	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.111 (2)	0.0084	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.278	0.0011	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0249	0.00065	0.020	0.0000300	0.000000747	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0194	0.00098	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	0.00738	0.00098	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00797	0.00062	0.010	0.0000300	0.000000239	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00065	0.00065	0.010	0.0300	0.0000195	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0170	0.0013	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0076	0.0017	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0081	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0122	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.0102	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.0084	0.0010	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0492	0.0013	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0097	0.0014	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0479	0.0013	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.010	0.0000300	0.0000000510	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	0.0044	0.0014	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	0.0045	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	0.0030	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0051	0.0019	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	0.0040	0.0016	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000124	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	42	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	60	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	37	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0087	0.0019	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0247	0.00077	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	0.00218	0.00086	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00367	0.00083	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0213	0.00078	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.0129	0.0018	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0090	0.0021	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0711	0.0016	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0371	0.0016	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.138	0.0017	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.0106	0.0010	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	0.0045	0.0013	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0188	0.00097	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.148	0.00096	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0041 (1)	0.0041	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0228	0.0014	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0669	0.00086	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	0.00222	0.00092	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0014 (1)	0.0014	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.0073	0.0011	0.010	0.000100	0.000000730	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.0093	0.0016	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.244	0.0015	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0222	0.0017	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0578	0.0012	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.115	0.0013	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0171	0.0015	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.328	0.0013	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0655	0.0015	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.115	0.0014	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.127	0.0010	0.010	0.0000300	0.00000381	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.0291	0.00082	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.0113	0.00091	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.286	0.0013	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.0079	0.0010	0.010	0.0000300	0.000000237	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.394	0.0010	0.010	0.0000300	0.0000118	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	0.0021	0.0010	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	0.0057	0.0011	0.010	0.0000300	0.000000171	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00099	0.00099	0.010	0.100	0.0000990	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0796	0.00098	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.573	0.0011	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0282	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	0.0031	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0465	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	0.0110	0.0011	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0076	0.0012	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.108	0.00091	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0259	0.0013	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	0.0065	0.0010	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0280	0.0011	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	0.00961	0.00088	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0894	0.00097	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.231 (2)	0.0081	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.500	0.00087	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	0.00550	0.00077	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	0.00137	0.00071	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0477	0.0013	0.020	0.0000300	0.00000143	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0338	0.00076	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	0.0127	0.00076	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.0206	0.0012	0.010	0.0000300	0.000000618	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.010	0.0300	0.0000390	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0258	0.00094	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0163	0.0012	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	0.0064	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0123	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	0.0023	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	0.00436	0.00095	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0302	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.0237	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.0205	0.00092	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0944	0.00096	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0150	0.0010	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	0.00162	0.00087	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.112	0.0011	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0017 (1)	0.0017	0.010	0.0000300	0.0000000510	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	0.00822	0.00098	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	0.00157	0.00094	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	0.0089	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	0.0026	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	0.0068	0.0020	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0097 (1)	0.0097	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	0.0038	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0078 (1)	0.0078	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	0.0089	0.0019	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000157	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF620						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	65	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0020	0.0016	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0136	0.00062	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00211	0.00067	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	0.00088	0.00065	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0101	0.00063	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00346	0.00089	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.00270	0.00091	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0034	0.0011	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0226	0.00084	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.00093	0.00093	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0103	0.00082	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.00090	0.00090	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0427	0.00088	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.00067	0.00067	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0095	0.0010	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0699	0.0010	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00244	0.00099	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.00803	0.00072	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0358	0.00093	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	0.00110	0.00099	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.0036	0.0012	0.010	0.000100	0.000000360	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.010	0.000300	0.000000360	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.0042	0.0017	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0726	0.0015	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0077	0.0017	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0176	0.0012	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0433	0.0013	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0053	0.0015	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.102	0.0013	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0211	0.0015	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0330	0.0015	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0462	0.00097	0.010	0.0000300	0.00000139	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.00950	0.00079	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0972	0.0013	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.00244	0.00098	0.010	0.0000300	0.0000000732	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.123	0.00099	0.010	0.0000300	0.00000369	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0012 (1)	0.0012	0.010	0.0000300	0.0000000360	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.00095	0.00095	0.010	0.100	0.0000950	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0212	0.0011	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.176	0.0013	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0087	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0168	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0023 (1)	0.0023	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0024	0.0015	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0296	0.00077	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0067 (1)	0.0067	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0088	0.0013	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	0.00241	0.00075	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0235	0.0011	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0817 (2)	0.0095	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.142	0.0010	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	0.00124	0.00066	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0138	0.0014	0.020	0.0000300	0.000000414	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.00933	0.00089	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00385	0.00089	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.0057	0.0013	0.010	0.0000300	0.000000171	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.010	0.0300	0.0000420	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0071 (1)	0.0071	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0048	0.0018	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0053	0.0018	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0086	0.0018	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.00576	0.00078	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0056 (1)	0.0056	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0228	0.0014	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0042	0.0015	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0300	0.00070	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	0.0020	0.0014	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0020 (1)	0.0020	0.020	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	0.0021	0.0013	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000144	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	83	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF621						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0021	0.0012	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0144	0.00075	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	0.00134	0.00083	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.00078	0.00078	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0111	0.00076	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0027 (1)	0.0027	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.00363	0.00099	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0185	0.00078	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	0.00144	0.00082	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0080 (1)	0.0080	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0282	0.00081	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.0043	0.0011	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	0.00147	0.00062	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0096	0.0010	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0562	0.0010	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.00837	0.00067	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0354	0.00090	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.0035	0.0011	0.010	0.000100	0.000000350	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.0020	0.0016	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0543	0.0014	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0060	0.0016	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0113	0.0011	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0277	0.0013	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0041	0.0014	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0612	0.0012	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0090	0.0014	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0195	0.0014	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0303	0.00059	0.010	0.0000300	0.000000909	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.00430	0.00048	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0014 (1)	0.0014	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0569	0.0012	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0014 (1)	0.0014	0.010	0.0000300	0.0000000420	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0771	0.00060	0.010	0.0000300	0.00000231	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0013 (1)	0.0013	0.010	0.0000300	0.0000000390	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00058	0.00058	0.010	0.100	0.0000580	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0142	0.0014	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0855	0.0015	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0036	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0090	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0027	0.0018	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0149	0.0010	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	0.00276	0.00075	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0048	0.0019	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0046	0.0016	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	0.00153	0.00097	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0112	0.0014	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0440 (1)	0.0074	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0732	0.0012	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.00822	0.00092	0.020	0.0000300	0.000000247	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0050	0.0011	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049

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(1) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0023	0.0011	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0029 (1)	0.0029	0.010	0.0000300	0.0000000870	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00091	0.00091	0.010	0.0300	0.0000273	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0047	0.0014	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0030	0.0018	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0031	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.0033	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.00349	0.00080	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0127	0.0014	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0018	0.0015	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0154	0.0010	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000897	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	78	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF637						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0031	0.0015	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0223	0.00090	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	0.0019	0.0010	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00352	0.00097	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	0.00167	0.00094	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0173	0.00091	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0058	0.0013	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0045 (1)	0.0045	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0061	0.0016	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0318	0.0012	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.015 (1)	0.015	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0549	0.0013	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	0.00751	0.00068	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0019 (1)	0.0019	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0158	0.00066	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0935	0.00065	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00331	0.00062	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0146	0.0011	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0553	0.00058	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	0.00093	0.00062	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.00596	0.00073	0.010	0.000100	0.000000596	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.00073	0.00073	0.010	0.000300	0.000000219	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.00336	0.00071	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0875	0.00063	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0073 (1)	0.0073	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0219	0.00050	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0480	0.00057	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.00768	0.00064	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.105	0.00055	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0188	0.00065	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00064	0.00064	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0353	0.00062	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0538	0.0010	0.010	0.0000300	0.00000161	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.0105	0.00084	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.00351	0.00093	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0994	0.00056	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.0033	0.0010	0.010	0.0000300	0.000000099	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.139	0.0011	0.010	0.0000300	0.00000417	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.010	0.100	0.000100	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0237	0.00094	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.171	0.0010	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0083	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0167	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	0.0022	0.0012	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0283	0.00079	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	0.00437	0.00059	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0082	0.0013	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0010 (1)	0.0010	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0110	0.0011	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	0.00265	0.00077	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0242	0.00094	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0713 (2)	0.0073	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.151	0.00084	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0152	0.00094	0.020	0.0000300	0.000000456	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0107	0.00074	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6442049

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00444	0.00074	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00592	0.00090	0.010	0.0000300	0.000000178	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00094	0.00094	0.010	0.0300	0.0000282	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0088	0.0021	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0051	0.0027	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0053 (1)	0.0053	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	0.00137	0.00068	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0081	0.0028	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.00561	0.00092	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.00574	0.00066	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0270	0.0021	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0040	0.0022	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0302	0.00082	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	0.0033	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	0.0044	0.0024	0.020	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000136	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	78	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	85	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	78	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF639						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.0016	0.0013	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.00806	0.00077	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00105	0.00083	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.00640	0.00078	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0026	0.0011	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0026 (1)	0.0026	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0121	0.0014	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0061	0.0014	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0205	0.0015	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0023 (1)	0.0023	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.00488	0.00086	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0366	0.00085	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00139	0.00082	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0049	0.0012	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0203	0.00076	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.00223	0.00096	0.010	0.000100	0.000000223	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.00095	0.00095	0.010	0.000300	0.000000285	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	0.0024	0.0010	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0361	0.00093	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	0.0043	0.0011	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.00932	0.00074	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0242	0.00084	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0026 (1)	0.0026	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0488	0.00081	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0073 (1)	0.0073	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00095	0.00095	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0185	0.00092	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0224	0.00066	0.010	0.0000300	0.000000672	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.00352	0.00054	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.00171	0.00059	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0497	0.00082	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0012 (1)	0.0012	0.010	0.0000300	0.0000000360	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0618	0.00067	0.010	0.0000300	0.00000185	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.00071	0.00071	0.010	0.0000300	0.0000000213	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.00064	0.00064	0.010	0.100	0.0000640	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0114	0.0015	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0687	0.0017	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0033	0.0019	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0074 (1)	0.0074	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0122	0.0013	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	0.0033	0.0020	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0032	0.0017	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0085	0.0015	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0384 (2)	0.0081	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0534	0.0014	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0062 (1)	0.0062	0.020	0.0000300	0.000000186	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0054	0.0012	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6442049

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(2) ** Result taken from M2191206B run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0023	0.0012	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00237	0.00057	0.010	0.0000300	0.0000000711	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00060	0.00060	0.010	0.0300	0.0000180	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0026 (1)	0.0026	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.00278	0.00088	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0080	0.0017	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0113	0.0011	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.010	0.0000300	0.0000000450	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000854	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	84	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	81	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	6442049

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF646						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	0.00114	0.00049	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.00986	0.00062	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.00085 (1)	0.00085	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	0.00145	0.00068	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.00065	0.00065	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.00596	0.00063	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	0.00411	0.00089	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	0.0017	0.0010	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	0.0013	0.0012	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.00602	0.00098	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0029 (1)	0.0029	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	<0.0084 (1)	0.0084	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0018 (1)	0.0018	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.00078	0.00078	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.00472	0.00083	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0288	0.00082	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.00091	0.00078	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.00315	0.00083	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0169	0.00073	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	0.00112	0.00092	0.0099	0.000100	0.000000112	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.00092	0.00092	0.0099	0.000300	0.000000276	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0144	0.00082	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	<0.0029 (1)	0.0029	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0102	0.00074	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.00084	0.00084	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0194	0.00072	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0026 (1)	0.0026	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00084	0.00084	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.00729	0.00081	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.00034	0.00034	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.00032	0.00032	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	<0.0083 (1)	0.0083	0.0099	0.0000300	0.000000249	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.00043	0.00043	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0173	0.00072	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.00048	0.00048	0.0099	0.0000300	0.0000000144	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0240	0.00049	0.0099	0.0000300	0.000000720	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.00052	0.00052	0.0099	0.0000300	0.0000000156	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00046	0.00046	0.0099	0.100	0.0000460	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0034	0.0010	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0247	0.0011	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.00434	0.00091	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	0.00133	0.00068	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0035	0.0010	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0158 (2)	0.0040	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0225	0.00092	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.00234	0.00070	0.020	0.0000300	0.0000000702	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.00176	0.00081	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) ** Result taken from M2191206B run **

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.00113	0.00067	0.0099	0.0000300	0.0000000339	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.00070	0.00070	0.0099	0.0300	0.0000210	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.00127	0.00051	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	<0.0033 (1)	0.0033	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.00473	0.00063	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.0099	0.0000300	0.0000000510	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.00095	0.00095	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000685	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	89	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	99	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	91	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	83	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	68	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-CRAB-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0068	0.0015	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0049	0.0015	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0081	0.0081	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	<0.0074	0.0074	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0109	0.0070	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0058	0.0058	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0033 (1)	0.0033	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0176	0.0024	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0106	0.0025	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0036	0.0036	0.010	0.000100	0.000000360	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0035	0.0035	0.010	0.000300	0.00000105	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0224	0.0045	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0056	0.0037	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0084	0.0038	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0254	0.0038	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0045	0.0045	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0067	0.0043	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0109	0.0028	0.010	0.0000300	0.000000327	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0166	0.0037	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0315	0.0028	0.010	0.0000300	0.000000945	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0031	0.0031	0.010	0.0000300	0.0000000930	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0027	0.0027	0.010	0.100	0.000270	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0455	0.0065	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0080	0.0080	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.0088	0.0075	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0211	0.0067	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0459	0.0051	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0055	0.0055	0.020	0.0000300	0.000000165	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0054	0.0054	0.010	0.0300	0.000162	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0077	0.0029	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0106	0.0079	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0033	0.0033	0.010	0.0000300	0.000000099	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.0091	0.0091	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000435	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	35	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	70	N/A	N/A	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	35	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	72	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0085	0.0023	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0072	0.0023	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0061	0.0061	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0061	0.0056	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0106	0.0053	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0044	0.0044	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0180	0.0026	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0104	0.0026	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0039	0.0039	0.0099	0.000100	0.000000390	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0037	0.0037	0.0099	0.000300	0.00000111	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0246	0.0059	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0069	0.0048	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0090	0.0050	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0271	0.0050	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0059	0.0059	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0062	0.0056	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0122	0.0046	0.0099	0.0000300	0.000000366	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0193	0.0048	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0046	0.0046	0.0099	0.0000300	0.000000138	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0324	0.0045	0.0099	0.0000300	0.000000972	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0050	0.0050	0.0099	0.0000300	0.000000150	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0044	0.0044	0.0099	0.100	0.000440	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0501	0.0075	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0091	0.0071	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	<0.018 (1)	0.018	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0498	0.0059	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0062	0.0062	0.020	0.0000300	0.000000186	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0059	0.0059	0.0099	0.0000300	0.000000177	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0061	0.0061	0.0099	0.0300	0.000183	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0080	0.0051	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0093	0.0078	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0042	0.0042	0.0099	0.0000300	0.000000126	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0082	0.0082	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000627	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	42	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	33	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	54	N/A	N/A	N/A	N/A	N/A	6442049

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF658						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-01 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	24	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	28	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	52	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.042	0.042	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.051	0.051	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.033	0.033	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.057	0.057	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0079	0.0028	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0062	0.0029	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0044	0.0044	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0070	0.0041	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0046	0.0040	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0137	0.0042	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0032	0.0032	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0217	0.0034	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0129	0.0034	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0049	0.0049	0.010	0.000100	0.000000490	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0047	0.0047	0.010	0.000300	0.00000141	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0326	0.0047	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0067	0.0037	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0093	0.0039	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0277	0.0038	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0047	0.0047	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0078	0.0043	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0129	0.0030	0.010	0.0000300	0.000000387	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0150	0.0037	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0030	0.0030	0.010	0.0000300	0.0000000900	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0342	0.0029	0.010	0.0000300	0.00000103	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0033	0.0033	0.010	0.0000300	0.000000099	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0028	0.0028	0.010	0.100	0.000280	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0088	0.0062	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0623	0.0067	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0080	0.0080	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0123	0.0065	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0268	0.0066	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0738	0.0054	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0034	0.0034	0.020	0.0000300	0.000000102	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0032	0.0032	0.010	0.0000300	0.000000096	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.010	0.0300	0.000102	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0107	0.0051	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.019	0.011	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000386	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	37	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	26	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	36	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.024	0.024	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.042	0.042	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0081	0.0021	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0075	0.0022	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0058	0.0058	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0105	0.0054	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0065	0.0053	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0186	0.0055	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0043	0.0043	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0036	0.0032	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0290	0.0031	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0051	0.0048	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0148	0.0030	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0044	0.0044	0.010	0.000100	0.000000440	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0043	0.0043	0.010	0.000300	0.00000129	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0434	0.0046	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0076	0.0036	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0146	0.0038	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0378	0.0038	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0071	0.0048	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0046	0.0046	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0102	0.0043	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0183	0.0049	0.010	0.0000300	0.000000549	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0243	0.0036	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0049	0.0049	0.010	0.0000300	0.000000147	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0439	0.0047	0.010	0.0000300	0.00000132	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0053	0.0053	0.010	0.0000300	0.000000159	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0115	0.0056	0.020	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.0852	0.0061	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0078	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.015	0.012	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0180	0.0059	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0286	0.0060	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0948	0.0050	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0044	0.0027	0.020	0.0000300	0.000000132	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.010	0.0300	0.0000810	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0149	0.0047	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.026	0.012	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000545	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	46	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	37	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	33	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF660						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	37	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.028	0.028	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.024	0.024	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0200	0.0028	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0141	0.0029	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0052	0.0052	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0348	0.0048	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	0.0199	0.0048	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0717	0.0049	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0038	0.0038	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0113	0.0025	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0835	0.0024	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	0.0041	0.0023	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	0.0126	0.0043	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0419	0.0024	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0035	0.0035	0.010	0.000100	0.000000350	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.010	0.000300	0.00000102	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.194	0.0035	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0348	0.0028	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0423	0.0029	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	0.0081	0.0034	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.192	0.0029	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	0.0411	0.0036	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0035	0.0035	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0345	0.0033	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0843	0.0044	0.010	0.0000300	0.00000253	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	0.0235	0.0031	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	0.0056	0.0034	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0965	0.0028	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	0.0050	0.0044	0.010	0.0000300	0.000000150	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.255	0.0043	0.010	0.0000300	0.00000765	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0048	0.0048	0.010	0.0000300	0.000000144	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0042	0.0042	0.010	0.100	0.000420	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0488	0.0058	0.020	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.492	0.0063	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	0.0201	0.0077	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	0.0215	0.0074	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	0.0140	0.0068	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	0.071	0.014	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	0.0265	0.0067	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.111	0.0061	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.124	0.0061	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.505	0.0051	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	0.0341	0.0040	0.020	0.0000300	0.00000102	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	0.0165	0.0045	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	0.0036	0.0031	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	0.0107	0.0048	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	0.0162	0.0039	0.010	0.0000300	0.000000486	N/A	6442049

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0040	0.0040	0.010	0.0300	0.000120	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	0.0216	0.0037	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	0.0088	0.0054	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0072 (1)	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	0.0101	0.0052	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	0.0198	0.0053	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	0.027	0.010	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	0.0123	0.0074	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0903	0.0038	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	0.0150	0.0043	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.124	0.0094	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0029	0.0029	0.010	0.0000300	0.0000000870	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	0.0067	0.0041	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	0.0080	0.0038	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000553	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	42	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	35	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF679						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	36	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	64	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.045	0.045	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.026	0.026	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.056	0.056	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.030	0.030	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.029	0.029	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.029	0.029	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.051	0.051	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0084	0.0024	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0067	0.0024	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0053	0.0053	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0101	0.0049	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0050 (1)	0.0050	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0176	0.0050	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0039	0.0039	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0047	0.0034	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0265	0.0032	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0140	0.0032	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0047	0.0047	0.0099	0.000100	0.000000470	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.0099	0.000300	0.00000135	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0340	0.0061	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	<0.0054 (1)	0.0054	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0103	0.0051	0.059	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0333	0.0050	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0061	0.0061	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0093	0.0056	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	<0.011 (1)	0.011	0.0099	0.0000300	0.000000330	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0194	0.0048	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0365	0.0030	0.0099	0.0000300	0.00000110	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0033	0.0033	0.0099	0.0000300	0.000000099	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0029	0.0029	0.0099	0.100	0.000290	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0090	0.0077	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0630	0.0083	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.0091	0.0091	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0083	0.0083	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0139	0.0081	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0260	0.0082	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0714	0.0068	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0042	0.0042	0.020	0.0000300	0.000000126	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0040	0.0040	0.0099	0.0000300	0.000000120	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0041	0.0041	0.0099	0.0300	0.000123	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0122	0.0051	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.017	0.011	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0039	0.0039	0.0099	0.0000300	0.000000117	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000417	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	124	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	123	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	46	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	38	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	135 (1)	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF698						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.024	0.024	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.027	0.027	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.059	0.059	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.029	0.029	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.027	0.027	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0072	0.0028	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0084	0.0029	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0097	0.0097	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	<0.0090	0.0090	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0096	0.0096	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0089	0.0089	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0113	0.0092	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0071	0.0071	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	0.0038	0.0035	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0252	0.0033	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	<0.012 (1)	0.012	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0048	0.0048	0.0099	0.000100	0.000000480	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0046	0.0046	0.0099	0.000300	0.00000138	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	<0.022 (1)	0.022	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0063	0.0047	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0090	0.0049	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0251	0.0048	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0059	0.0059	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0081	0.0054	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0100	0.0030	0.0099	0.0000300	0.000000300	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0151	0.0046	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0283	0.0029	0.0099	0.0000300	0.000000849	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0033	0.0033	0.0099	0.0000300	0.000000099	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0029	0.0029	0.0099	0.100	0.000290	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	<0.0083	0.0083	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0447	0.0090	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0090	0.0090	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0203	0.0089	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0465	0.0073	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0036	0.0036	0.020	0.0000300	0.000000108	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0034	0.0034	0.0099	0.0000300	0.000000102	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.0099	0.0300	0.000108	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0063	0.0047	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0040	0.0040	0.0099	0.0000300	0.000000120	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000402	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	85	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	75	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	87	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	55	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6442049

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.050	0.050	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.062	0.062	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.033	0.033	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.058	0.058	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0037	0.0022	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0035	0.0023	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0053	0.0053	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	<0.0049	0.0049	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0039	0.0039	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0063	0.0027	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0040	0.0040	0.010	0.000100	0.000000400	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0038	0.0038	0.010	0.000300	0.00000114	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	<0.0047	0.0047	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0049	0.0049	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0059	0.0059	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	<0.0042	0.0042	0.010	0.0000300	0.000000126	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0042	0.0042	0.010	0.0000300	0.000000126	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0053	0.0041	0.010	0.0000300	0.000000159	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0046	0.0046	0.010	0.0000300	0.000000138	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0040	0.0040	0.010	0.100	0.000400	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0100	0.0075	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0090	0.0090	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	<0.0074	0.0074	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0110	0.0061	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0037	0.0037	0.020	0.0000300	0.000000111	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0035	0.0035	0.010	0.0000300	0.000000105	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.010	0.0300	0.000108	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0042	0.0042	0.010	0.0000300	0.000000126	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000510	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	42	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	35	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	27 (1)	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	55	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	25	N/A	N/A	N/A	N/A	N/A	6442049

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF710						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	28	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	46	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	59	N/A	N/A	N/A	N/A	N/A	6442049

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.042	0.042	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.025	0.025	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.044	0.044	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0089	0.0089	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	<0.0086 (1)	0.0086	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0072	0.0023	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6442049
344'-TriCB-(37)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0064	0.0064	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	0.0080	0.0060	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0128	0.0061	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0047	0.0047	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0266	0.0036	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0165	0.0035	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0052	0.0052	0.010	0.000100	0.000000520	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0050	0.0050	0.010	0.000300	0.00000150	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0315	0.0048	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0054	0.0038	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0096	0.0040	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0280	0.0039	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0048	0.0048	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	<0.0066 (1)	0.0066	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0126	0.0035	0.010	0.0000300	0.000000378	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0150	0.0038	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0035	0.0035	0.010	0.0000300	0.000000105	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0329	0.0034	0.010	0.0000300	0.000000987	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0038	0.0038	0.010	0.0000300	0.000000114	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0033	0.0033	0.010	0.100	0.000330	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
HexaCB-(128)+(166)	ng/g	0.0084	0.0054	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0533	0.0059	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0101	0.0057	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0242	0.0058	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0527	0.0048	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0039	0.0039	0.020	0.0000300	0.000000117	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0038	0.0038	0.010	0.0300	0.000114	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	<0.0068 (1)	0.0068	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.0129	0.0087	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.010	0.0000300	0.0000000900	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6442049

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000448	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	52	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	42	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	64	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	67	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	31	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF730						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	66	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.036	0.036	0.010	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.036	0.036	0.010	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.044	0.044	0.010	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.031	0.031	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.054	0.054	0.010	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.0099	0.0099	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0059	0.0025	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0055	0.0025	0.010	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0049	0.0049	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	<0.0077 (1)	0.0077	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0146	0.0046	0.010	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0036	0.0036	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0237	0.0031	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0120	0.0030	0.010	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0045	0.0045	0.010	0.000100	0.000000450	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0043	0.0043	0.010	0.000300	0.00000129	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0302	0.0053	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0050	0.0042	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0102	0.0044	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0293	0.0043	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0098	0.0049	0.010	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0123	0.0034	0.010	0.0000300	0.000000369	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0183	0.0042	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0340	0.0033	0.010	0.0000300	0.00000102	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0037	0.0037	0.010	0.0000300	0.000000111	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0032	0.0032	0.010	0.100	0.000320	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6442049

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.061	0.010	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.020	0.020	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0215	0.0098	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0672	0.0081	0.010	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0058	0.0058	0.020	0.0000300	0.000000174	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0056	0.0056	0.010	0.0000300	0.000000168	N/A	6442049
33'44'55'-HexaCB-(169)	ng/g	<0.0058	0.0058	0.010	0.0300	0.000174	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0094	0.0094	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	0.0126	0.0066	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.015	0.014	0.010	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0045	0.0045	0.010	0.0000300	0.000000135	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6442049
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000498	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	57	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	56	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	50	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	49	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	47	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	37	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	38	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	38	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF731						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'-TetraCB-(77)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	43	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	32	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	63	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6442049
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6442049
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6442049
22'-DiCB-(4)	ng/g	<0.047	0.047	0.0099	N/A	N/A	N/A	6442049
2,3-DiCB-(5)	ng/g	<0.037	0.037	0.0099	N/A	N/A	N/A	6442049
2,3'-DiCB-(6)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6442049
2,4-DiCB-(7)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6442049
2,4'-DiCB-(8)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6442049
2,5-DiCB-(9)	ng/g	<0.031	0.031	0.0099	N/A	N/A	N/A	6442049
2,6-DiCB-(10)	ng/g	<0.058	0.058	0.0099	N/A	N/A	N/A	6442049
3,3'-DiCB-(11)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	6442049
DiCB-(12)+(13)	ng/g	<0.032	0.032	0.020	N/A	N/A	N/A	6442049
3,5-DiCB-(14)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	6442049
4,4'-DiCB-(15)	ng/g	<0.056	0.056	0.0099	N/A	N/A	N/A	6442049
22'3-TriCB-(16)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6442049
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
TriCB-(18)+(30)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6442049
22'6-TriCB-(19)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6442049
TriCB-(20) + (28)	ng/g	0.0063	0.0019	0.020	N/A	N/A	N/A	6442049
TriCB-(21)+(33)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6442049
234'-TriCB-(22)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6442049
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6442049
236-TriCB-(24)	ng/g	<0.0098	0.0098	0.0099	N/A	N/A	N/A	6442049
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
TriCB-(26)+(29)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6442049
23'6-TriCB-(27)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
24'5-TriCB-(31)	ng/g	0.0060	0.0020	0.0099	N/A	N/A	N/A	6442049
24'6-TriCB-(32)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6442049
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6442049
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6442049
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6442049
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
34'5-TriCB-(39)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6442049
TetraCB-(40)+(41)+(71)	ng/g	<0.0054	0.0054	0.030	N/A	N/A	N/A	6442049
22'34'-TetraCB-(42)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'35-TetraCB-(43)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
TetraCB-(44)+(47)+(65)	ng/g	<0.0067 (1)	0.0067	0.030	N/A	N/A	N/A	6442049
TetraCB-(45)+(51)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6442049
22'36'-TetraCB-(46)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
22'45-TetraCB-(48)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6442049
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6442049
TetraCB-(50)+(53)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6442049
22'55'-TetraCB-(52)	ng/g	0.0129	0.0051	0.0099	N/A	N/A	N/A	6442049
22'66'-TetraCB-(54)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6442049
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
233'4'-Tetra CB(56)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6442049
233'5-TetraCB-(57)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
233'5'-TetraCB-(58)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
TetraCB-(59)+(62)+(75)	ng/g	<0.0040	0.0040	0.030	N/A	N/A	N/A	6442049
2344'-TetraCB -(60)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0200	0.0038	0.040	N/A	N/A	N/A	6442049
234'5-TetraCB-(63)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6442049
234'6-TetraCB-(64)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
23'44'-TetraCB-(66)	ng/g	0.0104	0.0037	0.0099	N/A	N/A	N/A	6442049
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049
23'45'-TetraCB-(68)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6442049
23'55'-TetraCB-(72)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
23'5'6-TetraCB-(73)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
33'44'-TetraCB-(77)	ng/g	<0.0055	0.0055	0.0099	0.000100	0.000000550	N/A	6442049
33'45-TetraCB-(78)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6442049
33'45'-TetraCB(79)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6442049

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6442049
344'5-TetraCB-(81)	ng/g	<0.0053	0.0053	0.0099	0.000300	0.00000159	N/A	6442049
22'33'4-PentaCB-(82)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6442049
PentaCB-(83)+(99)	ng/g	0.0237	0.0063	0.020	N/A	N/A	N/A	6442049
22'33'6-PentaCB-(84)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6442049
PentaCB-(85)+(116)+(117)	ng/g	0.0053	0.0050	0.030	N/A	N/A	N/A	6442049
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0086	0.0052	0.060	N/A	N/A	N/A	6442049
PentaCB-(88)+(91)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6442049
22'346'-PentaCB-(89)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6442049
PentaCB-(90)+(101)+(113)	ng/g	0.0241	0.0052	0.030	N/A	N/A	N/A	6442049
22'355'-PentaCB-(92)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6442049
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0063	0.0063	0.040	N/A	N/A	N/A	6442049
22'356'-PentaCB-(94)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6442049
22'35'6-PentaCB-(95)	ng/g	0.0090	0.0058	0.0099	N/A	N/A	N/A	6442049
22'366'-PentaCB-(96)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6442049
22'45'6-PentaCB-(103)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
22'466'-PentaCB-(104)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6442049
233'44'-PentaCB-(105)	ng/g	0.0109	0.0038	0.0099	0.0000300	0.000000327	N/A	6442049
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6442049
233'4'5-PentaCB-(107)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6442049
PentaCB-(108)+(124)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6442049
PentaCB-(110)+(115)	ng/g	0.0164	0.0050	0.020	N/A	N/A	N/A	6442049
233'55'-PentaCB-(111)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
233'56-PentaCB-(112)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6442049
2344'5-PentaCB-(114)	ng/g	<0.0038	0.0038	0.0099	0.0000300	0.000000114	N/A	6442049
23'44'5-PentaCB-(118)	ng/g	0.0281	0.0037	0.0099	0.0000300	0.000000843	N/A	6442049
23'455'-PentaCB-(120)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6442049
23'45'6-PentaCB-(121)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6442049
233'4'5'-PentaCB-(122)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6442049
23'44'5'-PentaCB-(123)	ng/g	<0.0041	0.0041	0.0099	0.0000300	0.000000123	N/A	6442049
33'44'5-PentaCB-(126)	ng/g	<0.0036	0.0036	0.0099	0.100	0.000360	N/A	6442049
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6442049
HexaCB-(129)+(138)+(163)	ng/g	0.0502	0.0077	0.030	N/A	N/A	N/A	6442049
22'33'45'-HexaCB-(130)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6442049
22'33'46-HexaCB-(131)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6442049
22'33'46'-HexaCB-(132)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6442049
22'33'55'-HexaCB-(133)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6442049
HexaCB-(134)+(143)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6442049
HexaCB-(135)+(151)	ng/g	<0.025	0.025	0.020	N/A	N/A	N/A	6442049
22'33'66'-HexaCB-(136)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6442049
22'344'5-HexaCB-(137)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
HexaCB-(139)+(140)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6442049
22'3455'-HexaCB-(141)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6442049
22'3456-HexaCB-(142)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6442049
22'345'6-HexaCB-(144)	ng/g	<0.026	0.026	0.0099	N/A	N/A	N/A	6442049
22'3466'-HexaCB-(145)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6442049
22'34'55'-HexaCB-(146)	ng/g	0.0085	0.0075	0.0099	N/A	N/A	N/A	6442049
HexaCB-(147)+(149)	ng/g	0.0181	0.0075	0.020	N/A	N/A	N/A	6442049
22'34'56'-HexaCB-(148)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6442049
22'34'66'-HexaCB-(150)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6442049
22'3566'-HexaCB-(152)	ng/g	<0.018	0.018	0.0099	N/A	N/A	N/A	6442049
HexaCB-(153)+(168)	ng/g	0.0497	0.0062	0.0099	N/A	N/A	N/A	6442049
22'44'56'-HexaCB-(154)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6442049
22'44'66'-HexaCB-(155)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6442049
HexaCB-(156)+(157)	ng/g	<0.0054	0.0054	0.020	0.0000300	0.000000162	N/A	6442049
233'44'6-HexaCB-(158)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6442049
233'455'-HexaCB-(159)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6442049
233'456-HexaCB-(160)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
233'45'6-HexaCB-(161)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6442049
233'4'55'-HexaCB-(162)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6442049
233'4'5'6-HexaCB-(164)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6442049
233'55'6-HexaCB-(165)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6442049
23'44'55'-HexaCB-(167)	ng/g	<0.0052	0.0052	0.0099	0.0000300	0.000000156	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0054	0.0054	0.0099	0.0300	0.000162	N/A	6442049
22'33'44'5-HeptaCB-(170)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(171)+(173)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6442049
22'33'455'-HeptaCB-(172)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
22'33'456'-HeptaCB-(174)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6442049
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'466'-HeptaCB-(176)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6442049
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6442049
22'33'55'6-HeptaCB-(178)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
22'33'566'-HeptaCB-(179)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6442049
HeptaCB-(180)+(193)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6442049
22'344'56-HeptaCB-(181)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6442049
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'344'5'6-HeptaCB-(183)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6442049
22'344'66'-HeptaCB-(184)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6442049
22'3455'6-HeptaCB-(185)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6442049
22'34566'-HeptaCB-(186)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6442049
22'34'55'6-HeptaCB-(187)	ng/g	0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'34'566'-HeptaCB-(188)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
233'44'55'-HeptaCB-(189)	ng/g	<0.0039	0.0039	0.0099	0.0000300	0.000000117	N/A	6442049
233'44'56-HeptaCB-(190)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
233'44'5'6-HeptaCB-(191)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6442049
233'455'6-HeptaCB-(192)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'-OctaCB-(194)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6442049
22'33'44'56-OctaCB-(195)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6442049
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
22'33'44'66'OctaCB-(197)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6442049
OctaCB-(198)+(199)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6442049
22'33'4566'-OctaCB-(200)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'33'45'66'-OctaCB-(201)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6442049
22'33'55'66'-OctaCB-(202)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6442049
22'344'55'6-OctaCB-(203)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6442049
233'44'55'6-OctaCB-(205)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6442049
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6442049
22'33'44'566'-NonaCB-(207)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6442049
22'33'455'66'-NonaCB-(208)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6442049
DecaCB-(209)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6442049
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000526	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'55'6-NonaCB-(206)	%	58	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'44'5-HeptaCB-(170)	%	59	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'455'66'-NonaCB-(208)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'66'-OctaCB-(202)	%	51	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'33'55'6-HeptaCB-(178)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'344'55'-HeptaCB-(180)	%	60	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'34'566'-HeptaCB-(188)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'44'66'-HexaCB-(155)	%	45	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'466'-PentaCB-(104)	%	48	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'66'-TetraCB-(54)	%	40	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'6-TriCB-(19)	%	39	N/A	N/A	N/A	N/A	N/A	6442049
C13-22'-DiCB-(4)	%	30	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'6-OctaCB-(205)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'55'-HeptaCB-(189)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'44'-PentaCB-(105)	%	68	N/A	N/A	N/A	N/A	N/A	6442049
C13-233'55'-PentaCB-(111)	%	65	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-2344'5-PentaCB-(114)	%	63	N/A	N/A	N/A	N/A	N/A	6442049
C13-23'44'5-PentaCB-(118)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	6442049
C13-2-MonoCB-(1)	%	29	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'55'-HexaCB-(169)	%	34	N/A	N/A	N/A	N/A	N/A	6442049
C13-33'44'5-PentaCB-(126)	%	61	N/A	N/A	N/A	N/A	N/A	6442049

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF732						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	61	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'5-TetraCB-(81)	%	62	N/A	N/A	N/A	N/A	N/A	6442049
C13-344'-TriCB-(37)	%	54	N/A	N/A	N/A	N/A	N/A	6442049
C13-44'-DiCB-(15)	%	44	N/A	N/A	N/A	N/A	N/A	6442049
C13-4-MonoCB-(3)	%	31	N/A	N/A	N/A	N/A	N/A	6442049
C13-DecaCB-(209)	%	53	N/A	N/A	N/A	N/A	N/A	6442049
C13-HexaCB-(156)+(157)	%	63	N/A	N/A	N/A	N/A	N/A	6442049

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0073	0.0023	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0039	0.0039	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	<0.0064 (1)	0.0064	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0041	0.0035	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0114	0.0041	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0029	0.0029	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	<0.017 (1)	0.017	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0096	0.0032	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0039	0.0039	0.010	0.000100	0.000000390	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.010	0.000300	0.00000117	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.0214	0.0028	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	<0.0037 (1)	0.0037	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0067 (1)	0.0067	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	<0.017 (1)	0.017	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0068	0.0024	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.0123	0.0022	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.0234	0.0021	0.010	0.0000300	0.000000702	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.010	0.100	0.000210	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.0339	0.0042	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	<0.0056 (1)	0.0056	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	<0.0059 (1)	0.0059	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0157	0.0038	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.0410	0.0033	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	<0.0024	0.0024	0.020	0.0000300	0.0000000720	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.010	0.0300	0.0000720	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0055	0.0047	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	<0.0074 (1)	0.0074	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0036	0.0036	0.010	0.0000300	0.000000108	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000285	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	105	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	116	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	85	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF737						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	38	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	45	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	79	N/A	N/A	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0128	0.0024	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0094	0.0024	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0174	0.0045	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0111	0.0044	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0393	0.0051	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0036	0.0036	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	<0.0049 (1)	0.0049	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0447	0.0031	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.0061 (1)	0.0061	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0235	0.0030	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0036	0.0036	0.0099	0.000100	0.000000360	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0036	0.0036	0.0099	0.000300	0.00000108	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.0883	0.0036	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0148	0.0027	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0224	0.0029	0.059	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.0721	0.0029	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0151	0.0034	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0034	0.0034	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0212	0.0032	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.0280	0.0025	0.0099	0.0000300	0.000000840	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0069	0.0019	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.0439	0.0029	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0025	0.0025	0.0099	0.0000300	0.0000000750	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.0880	0.0025	0.0099	0.0000300	0.00000264	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.0099	0.100	0.000240	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.166	0.0053	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0070	0.0059	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0092	0.0056	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	<0.023 (1)	0.023	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.0080 (1)	0.0080	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0336	0.0047	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0514	0.0048	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.193	0.0042	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0100	0.0036	0.020	0.0000300	0.000000300	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0058	0.0039	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0034	0.0034	0.0099	0.0000300	0.000000102	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.0099	0.0300	0.000108	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.0063 (1)	0.0063	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0069 (1)	0.0069	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0071	0.0027	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.0049 (1)	0.0049	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0270	0.0052	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.0059 (1)	0.0059	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0087	0.0087	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0384	0.0025	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0056	0.0056	0.0099	0.0000300	0.000000168	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000354	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	92	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	114	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	97	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF764						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0057	0.0029	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793

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	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0046	0.0046	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	<0.0043	0.0043	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	<0.0087 (1)	0.0087	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0034	0.0034	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0106	0.0056	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	<0.0060 (1)	0.0060	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0067	0.0067	0.010	0.000100	0.000000670	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0066	0.0066	0.010	0.000300	0.00000198	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	<0.016 (1)	0.016	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	<0.0035 (1)	0.0035	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0048 (1)	0.0048	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	<0.017 (1)	0.017	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	<0.0067 (1)	0.0067	0.010	0.0000300	0.000000201	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	<0.0056 (1)	0.0056	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0024	0.0024	0.010	0.0000300	0.0000000720	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.0238	0.0024	0.010	0.0000300	0.000000714	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.010	0.100	0.000230	N/A	6439793

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BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	<0.031 (1)	0.031	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0064	0.0060	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0118	0.0060	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.0440	0.0052	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	<0.0033	0.0033	0.020	0.0000300	0.000000099	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.0032	0.0032	0.010	0.0000300	0.000000096	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.010	0.0300	0.0000990	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0074	0.0045	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	<0.0068 (1)	0.0068	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0046	0.0046	0.010	0.0000300	0.000000138	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000333	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	110	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	102	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	111	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	77	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF771						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	77	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.0099	0.0099	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0067	0.0023	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0057	0.0023	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0059	0.0059	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0121	0.0055	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0071 (1)	0.0071	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0058	0.0058	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0274	0.0063	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0044	0.0044	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0224	0.0037	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	<0.0085 (1)	0.0085	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0044	0.0044	0.010	0.000100	0.000000440	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0044	0.0044	0.010	0.000300	0.00000132	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.0673	0.0025	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0126	0.0019	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.015 (1)	0.015	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.0513	0.0020	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	<0.0097 (1)	0.0097	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0133	0.0022	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.0212	0.0021	0.010	0.0000300	0.000000636	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.0266	0.0020	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.0608	0.0021	0.010	0.0000300	0.00000182	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.010	0.100	0.000200	N/A	6439793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.130	0.0069	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0078	0.0078	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0185	0.0016	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0252	0.0061	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	<0.027 (1)	0.027	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.150	0.0054	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0054	0.0036	0.020	0.0000300	0.000000162	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.0034	0.0034	0.010	0.0000300	0.000000102	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.010	0.0300	0.000108	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.0075 (1)	0.0075	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0061	0.0026	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0266	0.0041	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.0063 (1)	0.0063	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0347	0.0023	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0038	0.0038	0.010	0.0000300	0.000000114	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000313	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	107	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	130	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	163 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	112	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	148 (2)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	118	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	132	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	110	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	107	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	114	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	131	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	113	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6439793

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(1) Recovery outside method acceptance criteria due to matrix effects
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF776						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	105	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	100	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6439793

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BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0135	0.0031	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.0087 (1)	0.0087	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0078	0.0078	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0147	0.0073	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0078	0.0078	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0080 (1)	0.0080	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0077	0.0077	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0296	0.0082	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0058	0.0058	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0063	0.0034	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0446	0.0033	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.0068 (1)	0.0068	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0225	0.0032	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0039	0.0039	0.0099	0.000100	0.000000390	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.0099	0.000300	0.00000117	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.0591	0.0030	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0033	0.0031	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	<0.0094 (1)	0.0094	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0182	0.0025	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0034 (1)	0.0034	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	<0.058 (1)	0.058	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	<0.015 (1)	0.015	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	<0.019 (1)	0.019	0.0099	0.0000300	0.000000570	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0054	0.0021	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.0368	0.0024	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.0669	0.0028	0.0099	0.0000300	0.00000201	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0027	0.0027	0.0099	0.100	0.000270	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.110	0.0047	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0232	0.0019	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0076	0.0046	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	<0.020 (1)	0.020	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0437	0.0043	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.131	0.0037	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	<0.0048 (1)	0.0048	0.020	0.0000300	0.000000144	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0047	0.0035	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.0034	0.0034	0.0099	0.0000300	0.000000102	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.0099	0.0300	0.000105	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0044	0.0024	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.0036 (1)	0.0036	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	<0.018 (1)	0.018	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.0047 (1)	0.0047	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0269	0.0022	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0049	0.0049	0.0099	0.0000300	0.000000147	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000380	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	127	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	105	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	72	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF777						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.0034	0.0025	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.00461	0.00097	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.0644	0.0010	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0074	0.0011	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0034	0.0011	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.0503	0.0010	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0145	0.0013	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0105	0.0014	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0240	0.0017	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0050	0.0016	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.156	0.0013	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0032	0.0014	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.112	0.0012	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	0.397	0.0013	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0291	0.0018	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0093	0.0010	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.0501	0.0017	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.467	0.0016	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0174	0.0016	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.0610	0.0011	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.262	0.0016	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0015	0.0014	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0054	0.0017	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0067	0.0018	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0256	0.0017	0.010	0.000100	0.00000256	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0086	0.0014	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.010	0.000300	0.000000510	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0286	0.0017	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	0.939	0.0017	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.0709	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.181	0.0013	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.428	0.0013	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.0596	0.0015	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	1.33	0.0013	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.260	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0058	0.0015	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.346	0.0014	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0063	0.0014	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	0.478	0.0026	0.010	0.0000300	0.0000143	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.110	0.0022	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0397	0.0025	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	1.05	0.0011	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0283	0.0026	0.010	0.0000300	0.000000849	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	1.44	0.0026	0.010	0.0000300	0.0000432	N/A	6335434
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0092	0.0028	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0167	0.0028	0.010	0.0000300	0.000000501	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.010	0.100	0.000250	N/A	6335434
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.228	0.0029	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	2.18	0.0033	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.111	0.0040	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0123	0.0044	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.172	0.0038	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	<0.032 (1)	0.032	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0517	0.0040	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.412	0.00079	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0357	0.00058	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.0917	0.0047	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0145	0.0033	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.0964	0.0032	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0379	0.00077	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.336	0.0032	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	0.926	0.0034	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	1.82	0.0027	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0155	0.00065	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.177	0.0026	0.020	0.0000300	0.00000531	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.134	0.0023	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0051	0.0026	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0404	0.0022	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.0828	0.0025	0.010	0.0000300	0.00000248	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.010	0.0300	0.0000780	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.0843	0.0017	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0519	0.0022	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0184	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.0406	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.00783	0.00099	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0122	0.00076	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.133	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.0734	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0665	0.00074	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.302	0.0017	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.135	0.0019	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00388	0.00070	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.403	0.00093	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0082	0.0045	0.010	0.0000300	0.000000246	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0279	0.0016	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0058	0.0017	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0134	0.0038	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0080	0.0039	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0104	0.0033	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0249	0.0032	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0085	0.0024	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0198	0.0030	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0222	0.0029	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000398	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	193 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	143 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	196 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	196 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	165 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6335434

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF840						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	139	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00131	0.00047	0.0099	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00196	0.00040	0.0099	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00398	0.00051	0.0099	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.00049	0.00049	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.00399	0.00066	0.0099	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0018	0.0012	0.0099	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.00192	0.00096	0.0099	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0117	0.00078	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.122	0.00062	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.00579	0.00064	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0129	0.00071	0.0099	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00425	0.00064	0.0099	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.00959	0.00067	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00179	0.00072	0.0099	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.0893	0.00061	0.0099	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00124	0.00062	0.0099	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0118	0.00096	0.0099	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.00072 (1)	0.00072	0.0099	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0248	0.00082	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0537	0.00095	0.0099	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.294	0.00074	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.00120	0.00076	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.00412	0.00083	0.0099	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.219	0.00073	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.00283	0.00074	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	0.723	0.00080	0.0099	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0621	0.0016	0.0099	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0152	0.00060	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.0820	0.0015	0.0099	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.711	0.0014	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0247	0.0014	0.0099	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.0964	0.00063	0.0099	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.398	0.0014	0.0099	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0030	0.0012	0.0099	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0083	0.0014	0.0099	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0087	0.0015	0.0099	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0301	0.0017	0.0099	0.000100	0.00000301	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0122	0.0012	0.0099	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0099	0.000300	0.000000510	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0724	0.00091	0.0099	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	1.33	0.00088	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.122	0.00081	0.0099	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.266	0.00068	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.720	0.00067	0.059	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.0905	0.00073	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	1.75	0.00064	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.366	0.00081	0.0099	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0122	0.00073	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.00246	0.00076	0.0099	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.637	0.00071	0.0099	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.00881	0.00068	0.0099	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	0.642	0.0011	0.0099	0.0000300	0.0000193	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.153	0.00094	0.0099	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0531	0.00096	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	1.48	0.00061	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00280	0.00057	0.0099	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0358	0.0011	0.0099	0.0000300	0.00000107	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	1.87	0.0011	0.0099	0.0000300	0.0000561	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00238	0.00061	0.0099	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0177	0.0011	0.0099	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0245	0.0012	0.0099	0.0000300	0.000000735	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.00404	0.00099	0.0099	0.100	0.000404	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0022	0.0010	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.318	0.0017	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	2.69	0.0018	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.149	0.0023	0.0099	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0144	0.0021	0.0099	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.258	0.0019	0.0099	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0385	0.0018	0.0099	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0316	0.0020	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.518	0.0010	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0545	0.00069	0.0099	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.0791	0.0023	0.0099	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0157	0.0017	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.127	0.0017	0.0099	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0473	0.0011	0.0099	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.401	0.0017	0.0099	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.06	0.0016	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00231	0.00096	0.0099	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	2.22	0.0015	0.0099	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0201	0.00086	0.0099	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00265	0.00083	0.0099	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.207	0.0016	0.020	0.0000300	0.00000621	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.167	0.0013	0.0099	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0022	0.0014	0.0099	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0072	0.0014	0.0099	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0632	0.0013	0.0099	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.0916	0.0015	0.0099	0.0000300	0.00000275	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0099	0.0300	0.0000480	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.106	0.0012	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0651	0.0015	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0220	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.0552	0.0013	0.0099	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0092	0.0012	0.0099	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0168	0.00083	0.0099	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.167	0.0015	0.0099	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.0801	0.0012	0.0099	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0811	0.00079	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.394	0.0012	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.160	0.0014	0.0099	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00441	0.00074	0.0099	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.507	0.0011	0.0099	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.00820	0.00086	0.0099	0.0000300	0.000000246	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0404	0.0013	0.0099	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0079	0.0013	0.0099	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0268	0.0023	0.0099	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0123	0.0025	0.0099	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0181	0.0025	0.0099	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0058	0.0016	0.0099	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0451	0.0023	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0128	0.0015	0.0099	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0275	0.0016	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	0.0305	0.0021	0.0099	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0074	0.0019	0.0099	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0030	0.0020	0.0099	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000542	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	130	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	123	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF841						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	71	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	117	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00038 (1)	0.00038	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00030 (1)	0.00030	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	0.00044	0.00022	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.00239	0.00091	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00266	0.00081	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00393	0.00069	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00521	0.00088	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.00085	0.00085	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.0057	0.0011	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0079	0.0013	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0112	0.0011	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0389	0.00088	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.428	0.00098	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0207	0.0010	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0668	0.0011	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0216	0.0010	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0595	0.0010	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00618	0.00081	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.381	0.00096	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00555	0.00070	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.0024	0.0012	0.010	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	0.0321	0.00092	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0460	0.0015	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.0026	0.0010	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.133	0.00088	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.274	0.0010	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0535	0.00095	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	1.46	0.00080	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.00587	0.00082	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0408	0.00089	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	1.39	0.00078	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.00413	0.00079	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	3.74	0.00086	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.463	0.0030	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0871	0.00064	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.338	0.0029	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.82	0.0026	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.131	0.0027	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.709	0.00067	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	1.96	0.0027	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0184	0.0022	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0277	0.0028	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0479	0.0028	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.113	0.0032	0.010	0.000100	0.0000113	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0520	0.0024	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0050	0.0032	0.010	0.000300	0.00000150	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.256	0.0013	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	5.33	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.606	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	1.09	0.00095	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.07	0.00093	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.618	0.0010	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	7.43	0.00089	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	1.46	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0397	0.0010	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0073	0.0011	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	2.60	0.00098	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0454	0.00094	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	2.36	0.0025	0.010	0.0000300	0.0000708	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.620	0.0022	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.218	0.0022	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	6.98	0.00085	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00634	0.00079	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.155	0.0024	0.010	0.0000300	0.00000465	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	6.77	0.0024	0.010	0.0000300	0.000203	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00746	0.00084	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0700	0.0026	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0764	0.0027	0.010	0.0000300	0.00000229	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0060	0.0023	0.010	0.100	0.000600	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0121	0.0024	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.933	0.0040	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	7.42	0.0044	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.404	0.0054	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0410	0.0050	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	1.07	0.0047	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0977	0.0043	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0960	0.0049	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.44	0.00079	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.153	0.00054	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.368	0.0055	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0496	0.0040	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.702	0.0040	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.142	0.00083	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.05	0.0042	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	3.29	0.0039	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00528	0.00075	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00378	0.00051	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	0.00131	0.00050	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	5.30	0.0036	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0515	0.00067	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.647	0.0016	0.020	0.0000300	0.0000194	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.491	0.0032	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0132	0.0014	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0235	0.0014	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.298	0.0031	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.247	0.0015	0.010	0.0000300	0.00000741	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.010	0.0300	0.0000480	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.436	0.0020	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.138	0.0025	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.109	0.0029	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.352	0.0022	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0174	0.00092	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0263	0.00063	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.354	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.153	0.00089	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.163	0.00060	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	1.11	0.0020	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0079	0.0024	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.334	0.0023	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00190	0.00056	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.997	0.00086	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0218	0.0017	0.010	0.0000300	0.000000654	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.121	0.0022	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0240	0.0022	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.120	0.00074	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0523	0.00080	0.010	N/A	N/A	N/A	6335434

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.0765	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.00458	0.00063	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.181	0.00092	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0146	0.00057	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0192	0.00060	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0449	0.00064	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.113	0.00085	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.00763	0.00063	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0270	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0029	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0082	0.0014	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.00388	0.00088	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000969	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	132	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	130	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	115	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF842						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	119	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053 (1)	0.00053	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.00365	0.00074	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00376	0.00045	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00690	0.00038	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	0.00054	0.00043	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00440	0.00049	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	0.00085	0.00047	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.0103	0.00063	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0159	0.0016	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0080	0.0013	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0910	0.0010	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.418	0.00090	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0278	0.00092	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0516	0.0010	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0163	0.00092	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0525	0.00096	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00728	0.00097	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.327	0.00088	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00584	0.00084	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.0022	0.0011	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0460	0.0014	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.00289	0.00094	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.150	0.0016	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.143	0.0018	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	1.05	0.0014	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0087	0.0014	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	0.0020	0.0017	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0306	0.0016	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.656	0.0014	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0094	0.0014	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	4.53	0.0015	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.282	0.0023	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0024	0.0022	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0555	0.0011	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.393	0.0022	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.30	0.0020	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.162	0.0020	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.257	0.0012	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	2.28	0.0020	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0092	0.0017	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0317	0.0021	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0625	0.0021	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.155	0.0024	0.010	0.000100	0.0000155	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0671	0.0018	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0047	0.0024	0.010	0.000300	0.00000141	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.234	0.0012	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	3.88	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.544	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.869	0.00090	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.08	0.00088	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.383	0.00096	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	0.0017	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	8.63	0.00085	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	2.06	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0342	0.00096	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0078	0.0010	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	2.76	0.00094	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00041 (1)	0.00041	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0362	0.00089	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	3.58	0.0028	0.010	0.0000300	0.000107	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.887	0.0025	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.281	0.0025	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	7.88	0.00081	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.0112	0.00076	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.213	0.0028	0.010	0.0000300	0.00000639	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	9.81	0.0028	0.010	0.0000300	0.000294	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00595	0.00080	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0781	0.0030	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.121	0.0030	0.010	0.0000300	0.00000363	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0039	0.0026	0.010	0.100	0.000390	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0179	0.0027	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	1.53	0.0072	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	11.7	0.0077	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.627	0.0096	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0533	0.0089	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	1.02	0.0083	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.173	0.0077	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.253	0.0087	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.98	0.00064	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.213	0.00044	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.502	0.0097	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0476	0.0071	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.859	0.0072	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.131	0.00067	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.69	0.0075	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	3.89	0.0070	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00552	0.00061	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00393	0.00041	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	0.00128	0.00041	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	8.19	0.0063	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0630	0.00054	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00462	0.00052	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	1.05	0.0018	0.020	0.0000300	0.0000315	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.731	0.0056	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0129	0.0017	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0329	0.0016	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.427	0.0055	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.440	0.0018	0.010	0.0000300	0.0000132	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.556	0.0014	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.197	0.0017	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.148	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.378	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0228	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0384	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.543	0.0017	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.263	0.0027	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.247	0.0018	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	1.59	0.0014	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0087	0.0016	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.438	0.0016	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.0047	0.0017	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	1.55	0.0026	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0338	0.0023	0.010	0.0000300	0.00000101	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.180	0.0015	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0378	0.0015	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.150	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0574	0.0014	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.109	0.0020	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0096	0.0012	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.223	0.0018	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0157	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0352	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0750	0.0012	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.147	0.0016	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0085	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0275	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0034	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0081	0.0012	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.00419	0.00072	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000918	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	135	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	137	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	119	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	126	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF851						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	75	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	123	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00146	0.00054	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00294	0.00059	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.00056	0.00056	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.00467	0.00075	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0027	0.0015	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0055	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0184	0.00099	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.167	0.00046	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.00684	0.00047	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0187	0.00052	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00500	0.00047	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0101	0.00049	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00234	0.00092	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.158	0.00045	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00412	0.00079	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0214	0.00071	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0650	0.00075	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.123	0.00087	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.646	0.00068	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.00195	0.00070	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0277	0.00076	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.410	0.00067	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.00288	0.00067	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.71	0.00073	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.132	0.0012	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0261	0.00055	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.167	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.63	0.0010	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0611	0.0011	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.267	0.00057	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.918	0.0011	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.00431	0.00087	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0104	0.0011	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0198	0.0011	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.0670	0.0013	0.010	0.000100	0.00000670	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0279	0.00092	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0025	0.0013	0.010	0.000300	0.000000750	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.131	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	2.91	0.0011	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.247	0.00097	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.617	0.00081	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.56	0.00080	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.261	0.00087	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	4.09	0.00077	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.907	0.00097	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0167	0.00087	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.00352	0.00091	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	1.18	0.00084	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0148	0.00081	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00041	0.00041	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.45	0.0015	0.010	0.0000300	0.0000435	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.343	0.0013	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.118	0.0014	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	3.92	0.00073	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00400	0.00068	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0804	0.0015	0.010	0.0000300	0.00000241	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	4.09	0.0015	0.010	0.0000300	0.000123	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00187	0.00073	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0314	0.0016	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0481	0.0016	0.010	0.0000300	0.00000144	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0026	0.0014	0.010	0.100	0.000260	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0076	0.0014	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.624	0.0030	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	4.91	0.0033	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.272	0.0041	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0241	0.0038	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.572	0.0035	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0641	0.0033	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0570	0.0037	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.939	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0727	0.00080	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.223	0.0041	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0251	0.0030	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.351	0.0030	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0649	0.0012	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.690	0.0032	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	2.11	0.0029	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0020	0.0011	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00200	0.00076	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	3.59	0.0027	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0266	0.00099	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00175	0.00096	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.415	0.0011	0.020	0.0000300	0.0000125	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.287	0.0024	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.00732	0.00097	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0169	0.00095	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.184	0.0023	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.166	0.0010	0.010	0.0000300	0.00000498	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.207	0.00084	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0761	0.0010	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0476	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.152	0.00091	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0096	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0154	0.00089	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.221	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.100	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0939	0.00084	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.627	0.00084	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.00346	0.00099	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.182	0.00096	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00238	0.00079	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.634	0.0012	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0130	0.0013	0.010	0.0000300	0.000000390	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0693	0.00094	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0145	0.00091	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0622	0.00094	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0183	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0301	0.0027	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0664	0.0024	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0068	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0094	0.0016	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0302	0.0017	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0454	0.0022	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.00322	0.00079	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0097	0.0016	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0027	0.0017	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000489	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	75	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF861						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	73	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00073	0.00034	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00034	0.00034	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.00511	0.00064	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00497	0.00041	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00559	0.00052	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	0.00072	0.00050	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.00439	0.00067	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0185	0.00067	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0127	0.00054	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0778	0.00044	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	0.00077	0.00050	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.271	0.00076	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0166	0.00077	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0357	0.00086	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00035	0.00035	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0113	0.00078	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0334	0.00081	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.0101	0.00041	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.236	0.00074	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00798	0.00035	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.00106	0.00092	0.010	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0208	0.0012	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.00268	0.00080	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.144	0.00079	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.145	0.00091	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.849	0.00072	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0133	0.00073	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	0.00383	0.00086	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0370	0.00080	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.562	0.00070	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0185	0.00071	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.90	0.00077	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.147	0.0017	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0019	0.0016	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0536	0.00057	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.208	0.0016	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.70	0.0015	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0598	0.0015	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.313	0.00060	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.937	0.0015	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0082	0.0012	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0238	0.0015	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0203	0.0015	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0598	0.0018	0.010	0.000100	0.00000598	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0287	0.0013	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0030	0.0018	0.010	0.000300	0.000000900	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.175	0.0010	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	3.29	0.0010	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.330	0.00092	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.733	0.00077	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.71	0.00076	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.271	0.00082	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	0.00273	0.00093	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	4.08	0.00073	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.827	0.00092	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0363	0.00083	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.00554	0.00086	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	1.73	0.00080	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	0.00123	0.00041	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0214	0.00076	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.43	0.0015	0.010	0.0000300	0.0000429	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.333	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.110	0.0014	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	3.68	0.00069	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00553	0.00065	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0843	0.0015	0.010	0.0000300	0.00000253	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	3.89	0.0015	0.010	0.0000300	0.000117	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00706	0.00069	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	0.00227	0.00064	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0319	0.0016	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0704	0.0017	0.010	0.0000300	0.00000211	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0048	0.0014	0.010	0.100	0.000480	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0077	0.0015	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.809	0.0034	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	6.19	0.0037	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.319	0.0046	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0304	0.0042	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.742	0.0039	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0983	0.0037	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.151	0.0042	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.21	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.165	0.00084	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.159	0.0046	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0536	0.0034	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.339	0.0034	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.105	0.0013	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.01	0.0036	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	2.89	0.0033	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0060	0.0012	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00373	0.00079	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	0.00122	0.00078	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	5.32	0.0030	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0508	0.0010	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.0088	0.0010	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.422	0.0013	0.020	0.0000300	0.0000127	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.354	0.0027	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0083	0.0012	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0172	0.0012	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.228	0.0026	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.183	0.0013	0.010	0.0000300	0.00000549	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	0.0067	0.0013	0.010	0.0300	0.000201	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.231	0.0018	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.125	0.0022	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0558	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.176	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0165	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0386	0.00077	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.327	0.0022	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.188	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.196	0.00073	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.704	0.0018	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0055	0.0021	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.315	0.0020	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00783	0.00068	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	1.18	0.0010	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0028	0.0010	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0149	0.0012	0.010	0.0000300	0.000000447	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.102	0.0020	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0155	0.0019	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0427	0.00090	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0306	0.00096	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0513	0.0042	0.010	N/A	N/A	N/A	6335434

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0054	0.0026	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.128	0.0038	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0130	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0269	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0578	0.0026	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0959	0.0035	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.00549	0.00076	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0140	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0026	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0061	0.0012	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0048	0.0016	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000871	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	178 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	224 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	139	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	209 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	232 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	99	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6335434

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF862						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'-PentaCB-(105)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	75	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	179 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	79 (1)	N/A	N/A	N/A	N/A	N/A	6335434

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010 (1)	0.0010	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00042 (1)	0.00042	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00057 (1)	0.00057	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.0132	0.00057	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.0485	0.00044	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	0.00076	0.00043	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.0404	0.00037	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	0.00110	0.00041	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00303	0.00047	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	0.00309	0.00045	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.0253	0.00061	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0993	0.00058	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.201	0.00047	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.509	0.00038	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.00044 (1)	0.00044	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	1.59	0.00086	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.127	0.00088	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.216	0.00098	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0893	0.00088	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.246	0.00092	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.0568	0.00035	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	1.25	0.00085	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.101	0.00031	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.0074	0.0011	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	0.0025	0.0011	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.159	0.0013	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	0.00379	0.00089	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.0249	0.00091	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	1.19	0.0012	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	1.18	0.0013	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.232	0.0013	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	7.06	0.0011	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0576	0.0011	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	0.0078	0.0013	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.871	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	5.67	0.0010	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0391	0.0010	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	17.6 (1)	0.015	0.10	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	1.38	0.0048	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0129	0.0045	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.464	0.00085	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	1.39	0.0046	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	14.5 (1)	0.013	0.40	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.569	0.0042	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	3.02	0.00089	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	7.63	0.0042	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0473	0.0035	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0969	0.0044	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.193	0.0044	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6335434

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(1) ** From 10X Dilution Run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.478	0.0051	0.010	0.000100	0.0000478	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.221	0.0037	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0227	0.0051	0.010	0.000300	0.00000681	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	1.05	0.0044	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	28.6 (1)	0.018	0.20	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	2.74	0.0039	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	5.27	0.0033	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	13.8	0.0032	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	3.09	0.0035	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	0.0071	0.0040	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	42.9 (1)	0.015	0.30	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	6.81	0.0039	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.297	0.0035	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0292	0.0037	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	13.4 (1)	0.018	0.10	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	0.00217	0.00045	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.220	0.0033	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	11.4 (1)	0.019	0.10	0.0000300	0.000342	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	2.65	0.0083	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.942	0.0084	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	33.7 (1)	0.014	0.20	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.0272	0.0028	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.751	0.0092	0.010	0.0000300	0.0000225	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	36.4 (1)	0.019	0.10	0.0000300	0.00109	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.0148	0.0029	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.259	0.0099	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.356	0.010	0.010	0.0000300	0.0000107	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0348	0.0086	0.010	0.100	0.00348	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0532	0.0089	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	5.20	0.021	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	39.9 (1)	0.034	0.30	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	2.06	0.028	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.262	0.026	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	5.08	0.024	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.554	0.023	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	1.06	0.025	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	7.25	0.00083	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.851	0.00057	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	1.58	0.028	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.367	0.021	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	2.93	0.021	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.728	0.00087	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	5.59	0.022	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	18.7 (1)	0.033	0.20	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0180	0.00079	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.0193	0.00053	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	0.00620	0.00053	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	28.7 (1)	0.027	0.10	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.268	0.00070	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00842	0.00068	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	3.25	0.0070	0.020	0.0000300	0.0000975	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	2.56	0.016	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'455'-HexaCB-(159)	ng/g	0.0536	0.0063	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.101	0.0062	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	1.47	0.016	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	1.15	0.0067	0.010	0.0000300	0.0000345	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0069	0.0069	0.010	0.0300	0.000207	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	1.82	0.0013	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.737	0.0016	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.451	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	1.36	0.0014	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0830	0.00093	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.172	0.00064	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	1.74	0.0016	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.812	0.00090	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.895	0.00061	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	4.70	0.0013	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0339	0.0015	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	1.71	0.0015	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00964	0.00057	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	5.07	0.00087	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.00537	0.00084	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0975	0.0021	0.010	0.0000300	0.00000293	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.539	0.0015	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.110	0.0014	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.355	0.0054	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56-OctaCB-(195)	ng/g	0.196	0.0058	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.429	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0421	0.00062	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.771	0.00090	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0615	0.00056	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.130	0.00059	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.235	0.00062	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.500	0.00083	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0233	0.0045	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0911	0.0030	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0134	0.0027	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0300	0.0032	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0157	0.00076	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00534	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	170 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	221 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	209 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	220 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	83	N/A	N/A	N/A	N/A	N/A	6335434

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF866						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	152 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	84 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	70	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	162 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6335434

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.00290	0.00088	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00173	0.00071	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00385	0.00060	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00562	0.00077	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.00073	0.00073	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.00197	0.00098	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0118	0.0014	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0110	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0503	0.00094	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.120	0.00060	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0181	0.00061	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0217	0.00068	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00748	0.00062	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0275	0.00064	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00522	0.00087	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.113	0.00059	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00528	0.00075	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.00971	0.00092	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.00209	0.00063	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0949	0.0015	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0947	0.0018	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0083	0.0016	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.716	0.0014	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0055	0.0014	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0408	0.0015	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.508	0.0013	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0040	0.0014	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.93	0.0015	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.112	0.0020	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0021	0.0019	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0448	0.0011	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.125	0.0019	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.33	0.0017	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0461	0.0018	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.208	0.0012	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.631	0.0018	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0058	0.0014	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0180	0.0018	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0211	0.0018	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0405	0.0021	0.010	0.000100	0.00000405	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0133	0.0015	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0027	0.0021	0.010	0.000300	0.000000810	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.108	0.0018	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	4.55	0.0017	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.182	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.825	0.0013	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.38	0.0013	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.206	0.0014	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	4.38	0.0013	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.945	0.0016	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0254	0.0014	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0028	0.0015	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	1.34	0.0014	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00046	0.00046	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0189	0.0013	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.48	0.0024	0.010	0.0000300	0.0000444	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.366	0.0021	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.108	0.0021	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	3.10	0.0012	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.0059	0.0011	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0963	0.0023	0.010	0.0000300	0.00000289	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	4.43	0.0023	0.010	0.0000300	0.000133	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.0063	0.0012	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0286	0.0025	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0467	0.0026	0.010	0.0000300	0.00000140	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0056	0.0022	0.010	0.100	0.000560	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0121	0.0023	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.922	0.0050	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	8.15	0.0054	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.373	0.0067	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0211	0.0062	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.476	0.0058	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.137	0.0054	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.109	0.0061	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.11	0.0018	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0990	0.0012	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.458	0.0068	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0780	0.0050	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.502	0.0050	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0940	0.0018	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.37	0.0052	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	2.13	0.0049	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0042	0.0017	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.0023	0.0011	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	7.18	0.0044	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0618	0.0015	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.0086	0.0014	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.577	0.0015	0.020	0.0000300	0.0000173	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.484	0.0039	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0053	0.0014	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0229	0.0014	0.010	N/A	N/A	N/A	6335434

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BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.109	0.0038	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	0.0074	0.0046	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.211	0.0015	0.010	0.0000300	0.00000633	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0015	0.0015	0.010	0.0300	0.0000450	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.388	0.0012	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.139	0.0015	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0927	0.0017	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.117	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0183	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0207	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.278	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.207	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.122	0.00099	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	1.25	0.0012	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0066	0.0014	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.392	0.0014	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00928	0.00093	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	1.20	0.0014	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0020	0.0014	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0220	0.0011	0.010	0.0000300	0.000000660	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.106	0.0013	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0262	0.0013	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.101	0.00096	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0404	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0775	0.0017	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0096	0.0011	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.144	0.0015	0.020	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	0.00403	0.00095	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0199	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0641	0.0011	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.106	0.0014	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0196	0.0015	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0031	0.0014	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0063	0.0016	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0053	0.0011	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000816	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	129	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	132	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	117	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	121	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	137	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	76	N/A	N/A	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	113	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	76	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.0026	0.0011	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.00186	0.00059	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.00377	0.00050	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.00542	0.00064	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.00061	0.00061	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.00209	0.00082	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0123	0.0016	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0115	0.0013	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0508	0.0010	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.120	0.00066	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0184	0.00067	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0214	0.00075	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00797	0.00068	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0280	0.00070	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00526	0.00095	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.114	0.00065	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00525	0.00082	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.00088	0.00080	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0093	0.0010	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.00174	0.00069	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0967	0.00083	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0966	0.00095	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.00849	0.00089	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.724	0.00075	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.00522	0.00077	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0403	0.00083	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.522	0.00073	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.00423	0.00074	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.95	0.00081	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.114	0.0015	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0019	0.0014	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0452	0.00060	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.125	0.0014	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.34	0.0013	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0458	0.0013	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.211	0.00063	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.636	0.0013	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0054	0.0011	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0180	0.0013	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0220	0.0014	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.0390	0.0016	0.010	0.000100	0.00000390	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0161	0.0011	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0029	0.0016	0.010	0.000300	0.000000870	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.108	0.0013	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	4.60	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.188	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.804	0.00096	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.41	0.00094	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.212	0.0010	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	4.46	0.00090	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.966	0.0011	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0278	0.0010	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0031	0.0011	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	1.36	0.00099	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00036	0.00036	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0195	0.00095	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.48	0.0015	0.010	0.0000300	0.0000444	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.364	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.110	0.0014	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	3.19	0.00086	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00699	0.00080	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0989	0.0015	0.010	0.0000300	0.00000297	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	4.46	0.0015	0.010	0.0000300	0.000134	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00682	0.00085	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'6-PentaCB-(121)	ng/g	0.00093	0.00080	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0292	0.0016	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0538	0.0017	0.010	0.0000300	0.00000161	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0053	0.0014	0.010	0.100	0.000530	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0114	0.0015	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.886	0.0043	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	7.96	0.0046	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.373	0.0057	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0223	0.0053	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.483	0.0049	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.134	0.0046	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.132	0.0052	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.10	0.0010	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0990	0.00071	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.484	0.0058	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0796	0.0042	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.432	0.0043	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0986	0.0011	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.35	0.0045	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	2.07	0.0042	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00460	0.00098	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00214	0.00067	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	7.30	0.0038	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0626	0.00087	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00840	0.00084	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.592	0.0021	0.020	0.0000300	0.0000178	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.485	0.0034	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'455'-HexaCB-(159)	ng/g	0.0065	0.0019	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0235	0.0019	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0909	0.0033	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	0.0070	0.0039	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.211	0.0020	0.010	0.0000300	0.00000633	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.010	0.0300	0.0000630	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.382	0.00092	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.140	0.0011	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0953	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.122	0.00099	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0171	0.0021	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0215	0.0014	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.279	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.210	0.0020	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.122	0.0014	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	1.25	0.00093	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0062	0.0011	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.394	0.0011	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.0095	0.0013	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	1.20	0.0019	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0020	0.0019	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0210	0.00079	0.010	0.0000300	0.000000630	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.109	0.0010	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0248	0.0010	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'-OctaCB-(194)	ng/g	0.105	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0390	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0771	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0100	0.00072	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.141	0.0011	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0200	0.00069	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0622	0.00073	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.104	0.00097	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.00658	0.00096	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0203	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0039	0.0010	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0059	0.0012	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.00503	0.00095	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000806	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	135	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	142 (2)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	146 (3)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF867						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-23 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	101	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	107	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	113	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	81	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	79	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	122	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.00521	0.00084	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	<0.0039 (1)	0.0039	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0285	0.00070	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.120	0.0011	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0067	0.0012	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0131	0.0013	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0042	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0145	0.0012	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00327	0.00063	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.0962	0.0011	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00240	0.00056	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0077	0.0015	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0587	0.0011	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0690	0.0013	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0139	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.443	0.00098	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0031	0.0010	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0187	0.0011	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.296	0.00096	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0035	0.0010	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.15	0.0010	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0698	0.0022	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0273	0.00078	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.111	0.0022	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.08	0.0020	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0467	0.0020	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.130	0.00082	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.541	0.0020	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0044	0.0017	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0178	0.0021	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0237	0.0022	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0404	0.0021	0.010	0.000100	0.00000404	N/A	6335434

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0180	0.0018	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0023	0.0021	0.010	0.000300	0.000000690	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0792	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	2.22	0.0014	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.154	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.421	0.0011	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.04	0.0011	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.127	0.0013	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	3.02	0.0011	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.684	0.0013	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0198	0.0012	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0030	0.0013	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.961	0.0012	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0129	0.0012	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.26	0.0024	0.010	0.0000300	0.0000378	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.274	0.0020	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0927	0.0023	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	2.53	0.00097	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00488	0.00092	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0657	0.0024	0.010	0.0000300	0.00000197	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	3.65	0.0024	0.010	0.0000300	0.000110	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00509	0.00093	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0246	0.0026	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0424	0.0026	0.010	0.0000300	0.00000127	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0058	0.0023	0.010	0.100	0.000580	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0059	0.0023	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.588	0.0034	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	5.24	0.0040	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.247	0.0048	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0177	0.0052	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.389	0.0045	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0934	0.0043	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.120	0.0048	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.952	0.00069	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0789	0.00051	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.222	0.0057	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0416	0.0039	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.280	0.0039	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0753	0.00067	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.827	0.0039	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.93	0.0041	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00466	0.00069	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00259	0.00048	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	4.71	0.0033	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0441	0.00057	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00865	0.00069	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.426	0.0018	0.020	0.0000300	0.0000128	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.314	0.0028	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0064	0.0018	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434

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BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0165	0.0018	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.122	0.0026	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	0.0048	0.0035	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.178	0.0017	0.010	0.0000300	0.00000534	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.272	0.0021	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.108	0.0028	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0574	0.0029	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.116	0.0024	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0136	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0198	0.00088	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.249	0.0029	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.173	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.125	0.00086	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.867	0.0021	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0049	0.0027	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.278	0.0024	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00951	0.00081	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.878	0.0011	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0019	0.0013	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0169	0.0023	0.010	0.0000300	0.000000507	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0710	0.0020	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0141	0.0021	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0731	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0250	0.0029	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0370	0.0019	0.010	N/A	N/A	N/A	6335434

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BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0052 (1)	0.0052	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0847	0.0018	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0161	0.0014	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0464	0.0017	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0656	0.0017	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0054	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0157	0.0027	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040 (1)	0.0040	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0041	0.0029	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000808	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	107	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	106	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	106	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	78	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	65	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6335434

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF883						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.0155	0.0022	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	0.0109	0.0021	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.0269	0.0020	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	0.0092	0.0026	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0623	0.0012	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.149	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.332	0.00098	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.653	0.0018	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.101	0.0019	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.110	0.0021	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	0.0023	0.0010	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0976	0.0019	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.280	0.0019	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.0297	0.00088	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.633	0.0018	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.0635	0.00079	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	0.0048	0.0022	0.010	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	0.101	0.0017	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0465	0.0024	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.0125	0.0019	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.675	0.0013	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.855	0.0016	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.109	0.0015	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	4.20	0.0012	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0436	0.0013	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	0.0039	0.0015	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.353	0.0013	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	3.97	0.0012	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0261	0.0013	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	9.55	0.0012	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.837	0.0040	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	0.0072	0.0039	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.298	0.00098	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.498	0.0039	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	6.87	0.0037	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.275	0.0037	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	1.50	0.0010	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	2.98	0.0037	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0392	0.0031	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0853	0.0038	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.175	0.0040	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.210	0.0038	0.010	0.000100	0.0000210	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.106	0.0032	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	0.0106	0.0038	0.010	0.000300	0.00000318	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.641	0.0029	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	12.8	0.0028	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	1.52	0.0028	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	2.36	0.0021	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	6.83	0.0022	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	1.63	0.0025	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	15.7 (1)	0.011	0.15	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	3.82	0.0026	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.140	0.0025	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0181	0.0026	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	7.34	0.0024	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	0.00112	0.00042	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.120	0.0023	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	5.53	0.0041	0.010	0.0000300	0.000166	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	1.23	0.0035	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.448	0.0040	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	17.6 (1)	0.010	0.10	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.0180	0.0018	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.271	0.0042	0.010	0.0000300	0.00000813	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	16.1 (1)	0.042	0.050	0.0000300	0.000483	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.0131	0.0019	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.113	0.0045	0.010	N/A	N/A	N/A	6335434

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(1) ** From 5X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.265	0.0045	0.010	0.0000300	0.00000795	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0090	0.0039	0.010	0.100	0.000900	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0263	0.0039	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	2.30	0.011	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	17.7 (1)	0.022	0.15	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	1.09	0.016	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.103	0.017	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	2.77	0.015	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.324	0.014	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.392	0.016	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	3.99	0.00096	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.509	0.00070	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.932	0.019	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.211	0.013	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	1.61	0.013	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.352	0.00093	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	2.93	0.013	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	8.52	0.014	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0147	0.00095	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.0115	0.00066	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	0.00374	0.00069	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	13.4 (1)	0.018	0.050	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.180	0.00078	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	<0.0063 (2)	0.0063	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	1.61	0.0033	0.020	0.0000300	0.0000483	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	1.22	0.0092	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0239	0.0034	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) ** From 5X Dilution **

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0607	0.0032	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.754	0.0086	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.663	0.0031	0.010	0.0000300	0.0000199	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.010	0.0300	0.0000990	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.987	0.0021	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.357	0.0027	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.213	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.696	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0470	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0868	0.00084	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.929	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.495	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.477	0.00082	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	2.82	0.0020	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0170	0.0026	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.826	0.0024	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.0105	0.00077	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	2.75	0.0010	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0033	0.0012	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0466	0.0030	0.010	0.0000300	0.00000140	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.231	0.0020	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0548	0.0021	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.161	0.0027	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0835	0.0028	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.144	0.0017	0.010	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0158	0.0015	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.363	0.0017	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	0.0265	0.0011	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0505	0.0013	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.119	0.0016	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.219	0.0016	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0150	0.0022	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0466	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	0.0066	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0137	0.0029	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0086	0.0034	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00176	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	192 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	148 (2)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	197 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	194 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6335434

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N/A = Not Applicable

(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	173 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	101	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	76	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	138	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.0038	0.0026	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0038 (1)	0.0038	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0025	0.0013	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0033	0.0013	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0168	0.0011	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.132	0.0013	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0067	0.0014	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0142	0.0014	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0055	0.0013	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0132	0.0013	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.0025	0.0010	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.101	0.0013	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00293	0.00089	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0138	0.0017	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0501	0.0017	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0775	0.0021	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0107	0.0020	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.423	0.0016	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0033	0.0017	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0164	0.0017	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.264	0.0015	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0064	0.0016	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	0.946	0.0016	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0787	0.0023	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0212	0.0013	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.121	0.0022	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.04	0.0021	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0331	0.0021	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.150	0.0013	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.610	0.0021	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0043	0.0017	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0084	0.0021	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0123	0.0022	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0459	0.0022	0.010	0.000100	0.00000459	N/A	6335434

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0169	0.0018	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.010	0.000300	0.000000630	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0781	0.0022	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	1.94	0.0021	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.162	0.0021	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.386	0.0016	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.892	0.0016	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.144	0.0019	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	2.55	0.0016	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.501	0.0020	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0233	0.0019	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.810	0.0018	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0114	0.0017	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	0.981	0.0048	0.010	0.0000300	0.0000294	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.187	0.0041	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0673	0.0046	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	2.13	0.0014	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.0023	0.0014	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0540	0.0048	0.010	0.0000300	0.00000162	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	2.72	0.0048	0.010	0.0000300	0.0000816	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.0020	0.0014	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0170	0.0052	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0277	0.0052	0.010	0.0000300	0.000000831	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0049	0.0046	0.010	0.100	0.000490	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0050	0.0046	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.464	0.0050	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	3.82	0.0058	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.173	0.0070	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0231	0.0077	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.347	0.0067	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0584	0.0064	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0912	0.0070	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.712	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0832	0.00085	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.163	0.0083	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0246	0.0058	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.181	0.0057	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0645	0.0011	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.569	0.0057	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.75	0.0060	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0027	0.0011	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	3.04	0.0048	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0272	0.00094	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.0024	0.0012	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.293	0.0018	0.020	0.0000300	0.00000879	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.223	0.0040	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0037	0.0018	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0118	0.0018	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0911	0.0038	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.126	0.0017	0.010	0.0000300	0.00000378	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.010	0.0300	0.0000540	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.143	0.0021	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0850	0.0027	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0301	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.0710	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0109	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0226	0.00091	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.200	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.111	0.0012	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.118	0.00089	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.478	0.0020	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.176	0.0024	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00529	0.00084	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.629	0.0011	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0121	0.0029	0.010	0.0000300	0.000000363	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0468	0.0020	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0089	0.0020	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0309	0.0031	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0131	0.0032	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0228	0.0024	0.010	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0053	0.0020	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0383	0.0023	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0032 (1)	0.0032	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0131	0.0018	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0348	0.0022	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0331	0.0021	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0069	0.0031	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000676	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	135	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	149 (2)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	134	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	144 (3)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	151 (4)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Internal standard recovery is outside method limits, possibly due to matrix effects.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(4) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF899						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	121	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.0029	0.0026	0.010	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.0044	0.0030	0.010	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0056	0.0021	0.010	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0101	0.0021	0.010	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0281	0.0017	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.142	0.0012	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0146	0.0012	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0213	0.0013	0.010	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.0064	0.0012	0.010	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0219	0.0012	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.0031	0.0016	0.010	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.102	0.0012	0.010	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.0063	0.0014	0.010	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0132	0.0015	0.010	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.0018	0.0012	0.010	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0738	0.0017	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0793	0.0020	0.010	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0149	0.0019	0.010	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.523	0.0015	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0056	0.0016	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0412	0.0017	0.010	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.383	0.0015	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0027	0.0016	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	1.20	0.0016	0.010	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.115	0.0020	0.010	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0348	0.0012	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.125	0.0020	0.010	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.16	0.0018	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0467	0.0019	0.010	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.218	0.0013	0.010	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.605	0.0018	0.010	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0035	0.0015	0.010	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0097	0.0019	0.010	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0183	0.0020	0.010	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0370	0.0019	0.010	0.000100	0.00000370	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6335434

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BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0152	0.0016	0.010	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.010	0.000300	0.000000570	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0698	0.0015	0.010	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	2.37	0.0015	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.145	0.0015	0.010	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.437	0.0011	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.915	0.0012	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.157	0.0013	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	2.73	0.0011	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.548	0.0014	0.010	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0150	0.0013	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.717	0.0013	0.010	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0116	0.0012	0.010	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	1.16	0.0017	0.010	0.0000300	0.0000348	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.233	0.0015	0.010	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0735	0.0017	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	2.36	0.0010	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00266	0.00097	0.010	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0673	0.0017	0.010	0.0000300	0.00000202	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	3.33	0.0017	0.010	0.0000300	0.0000999	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00206	0.00099	0.010	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0186	0.0019	0.010	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0386	0.0019	0.010	0.0000300	0.00000116	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0019	0.0016	0.010	0.100	0.000190	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0045	0.0016	0.010	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.469	0.0032	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	4.00	0.0037	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.152	0.0044	0.010	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0131	0.0049	0.010	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.308	0.0042	0.010	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0639	0.0041	0.010	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0465	0.0045	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.574	0.00096	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0507	0.00070	0.010	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.241	0.0053	0.010	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0314	0.0037	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.322	0.0036	0.010	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0470	0.00093	0.010	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.579	0.0036	0.010	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.15	0.0038	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00189	0.00095	0.010	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	3.30	0.0031	0.010	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0299	0.00078	0.010	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00200	0.00096	0.010	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.350	0.0024	0.020	0.0000300	0.0000105	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.230	0.0026	0.010	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0051	0.0025	0.010	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0187	0.0024	0.010	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.114	0.0024	0.010	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.142	0.0023	0.010	0.0000300	0.00000426	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.010	0.0300	0.0000720	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.234	0.0017	0.010	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0588	0.0023	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0532	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.120	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.00686	0.00088	0.010	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.00939	0.00068	0.010	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.121	0.0023	0.010	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.0939	0.00091	0.010	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0623	0.00066	0.010	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.673	0.0017	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0039	0.0022	0.010	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.164	0.0020	0.010	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00200	0.00062	0.010	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.525	0.00083	0.010	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0124	0.0027	0.010	0.0000300	0.000000372	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0494	0.0017	0.010	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0121	0.0017	0.010	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0648	0.0024	0.010	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0191	0.0025	0.010	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0330	0.0024	0.010	N/A	N/A	N/A	6335434

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0798	0.0023	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0062	0.0018	0.010	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0248	0.0022	0.010	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0480	0.0021	0.010	N/A	N/A	N/A	6335434
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0039	0.0019	0.010	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0157	0.0034	0.010	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0048	0.0035	0.010	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0036	0.0020	0.010	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000419	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	111	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	107	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	111	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	79	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	121	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF904						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	83	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	0.0028	0.0017	0.0099	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	0.0047	0.0027	0.0099	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.0055	0.0030	0.0099	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	0.0111	0.0011	0.0099	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.0172	0.0011	0.0099	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0455	0.00089	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.179	0.00066	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0194	0.00070	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0229	0.00075	0.0099	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00786	0.00068	0.0099	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0305	0.00070	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	0.00469	0.00080	0.0099	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.139	0.00067	0.0099	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00677	0.00072	0.0099	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0156	0.00088	0.0099	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	0.00212	0.00069	0.0099	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.107	0.0012	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.163	0.0014	0.0099	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0313	0.0013	0.0099	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.919	0.0011	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	0.0068	0.0011	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0566	0.0012	0.0099	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.741	0.0010	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0037	0.0011	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	2.30	0.0011	0.0099	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.180	0.0022	0.0099	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0517	0.00085	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.172	0.0021	0.0099	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.89	0.0020	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0742	0.0020	0.0099	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.318	0.00089	0.0099	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.888	0.0020	0.0099	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0084	0.0016	0.0099	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0185	0.0021	0.0099	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0303	0.0021	0.0099	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0658	0.0021	0.0099	0.000100	0.00000658	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0316	0.0017	0.0099	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.0034	0.0020	0.0099	0.000300	0.00000102	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.151	0.0014	0.0099	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	3.97	0.0014	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.343	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.904	0.0010	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.04	0.0010	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.355	0.0012	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	5.65	0.0010	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	1.11	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0372	0.0012	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0050	0.0013	0.0099	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	1.88	0.0012	0.0099	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0279	0.0011	0.0099	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	2.01	0.0029	0.0099	0.0000300	0.0000603	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.443	0.0025	0.0099	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.159	0.0028	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	4.67	0.00092	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00726	0.00088	0.0099	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.102	0.0029	0.0099	0.0000300	0.00000306	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	5.82	0.0029	0.0099	0.0000300	0.000175	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00305	0.00089	0.0099	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0415	0.0032	0.0099	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0550	0.0031	0.0099	0.0000300	0.00000165	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0042	0.0028	0.0099	0.100	0.000420	N/A	6335434
33'455'-PentaCB-(127)	ng/g	0.0121	0.0028	0.0099	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.959	0.0051	0.020	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	8.10	0.0059	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.407	0.0071	0.0099	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0380	0.0078	0.0099	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.888	0.0068	0.0099	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.129	0.0064	0.0099	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.132	0.0071	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	1.49	0.0015	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.158	0.0011	0.0099	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.389	0.0084	0.0099	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0678	0.0059	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.572	0.0058	0.0099	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.130	0.0014	0.0099	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	1.24	0.0058	0.0099	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	3.32	0.0061	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0053	0.0015	0.0099	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.0024	0.0010	0.0099	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	6.28	0.0049	0.0099	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0637	0.0012	0.0099	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.0054	0.0015	0.0099	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.642	0.0022	0.020	0.0000300	0.0000193	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.475	0.0041	0.0099	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	0.0116	0.0022	0.0099	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0319	0.0022	0.0099	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.215	0.0038	0.0099	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	0.0065	0.0051	0.0099	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.279	0.0021	0.0099	0.0000300	0.00000837	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0022	0.0022	0.0099	0.0300	0.0000660	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.401	0.0017	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.155	0.0022	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0903	0.0023	0.0099	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.222	0.0019	0.0099	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0228	0.0010	0.0099	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0310	0.00078	0.0099	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.383	0.0022	0.0099	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.228	0.0010	0.0099	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.198	0.00076	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	1.21	0.0016	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	0.0063	0.0021	0.0099	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.361	0.0019	0.0099	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00803	0.00072	0.0099	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	1.28	0.00095	0.0099	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	0.0023	0.0011	0.0099	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0232	0.0027	0.0099	0.0000300	0.000000696	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0973	0.0016	0.0099	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0210	0.0016	0.0099	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.115	0.0024	0.0099	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0326	0.0025	0.0099	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0492	0.0021	0.0099	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	<0.0069 (1)	0.0069	0.0099	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.105	0.0021	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0062 (1)	0.0062	0.0099	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0206	0.0016	0.0099	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0614	0.0020	0.0099	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0755	0.0019	0.0099	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	0.0055	0.0019	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0191	0.0035	0.0099	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	0.0053	0.0037	0.0099	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	0.0045	0.0031	0.0099	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000762	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	103	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	108	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF915						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6335434

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	0.0031	0.0023	0.0099	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.0210	0.0011	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.111	0.00094	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	0.0049	0.0010	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0143	0.0011	0.0099	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00410	0.00096	0.0099	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.0107	0.0010	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	<0.0031 (1)	0.0031	0.0099	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.0940	0.00095	0.0099	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00143	0.00087	0.0099	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6335434
344'-TriCB-(37)	ng/g	0.0093	0.0013	0.0099	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0376	0.0013	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0658	0.0016	0.0099	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0091	0.0015	0.0099	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.368	0.0012	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0093	0.0013	0.0099	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.217	0.0012	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	0.0039	0.0012	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	0.829	0.0012	0.0099	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00029	0.00029	0.0099	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0593	0.0015	0.0099	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0198	0.00094	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.0822	0.0014	0.0099	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.776	0.0013	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0286	0.0013	0.0099	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.110	0.00099	0.0099	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.390	0.0013	0.0099	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.0032	0.0011	0.0099	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0120	0.0014	0.0099	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0111	0.0014	0.0099	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0348	0.0014	0.0099	0.000100	0.00000348	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.0144	0.0012	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.0099	0.000300	0.000000420	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0759	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	1.58	0.0013	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.143	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.299	0.00099	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.772	0.0010	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.110	0.0012	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	2.10	0.0010	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.411	0.0012	0.0099	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0180	0.0012	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	0.0032	0.0012	0.0099	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.859	0.0011	0.0099	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0112	0.0011	0.0099	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	0.788	0.0016	0.0099	0.0000300	0.0000236	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.170	0.0013	0.0099	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0614	0.0015	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	1.75	0.00090	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00256	0.00085	0.0099	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0413	0.0016	0.0099	0.0000300	0.00000124	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	2.22	0.0015	0.0099	0.0000300	0.0000666	N/A	6335434
23'455'-PentaCB-(120)	ng/g	0.00207	0.00087	0.0099	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0163	0.0017	0.0099	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0188	0.0017	0.0099	0.0000300	0.000000564	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.0046	0.0015	0.0099	0.100	0.000460	N/A	6335434
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.373	0.0017	0.020	N/A	N/A	N/A	6335434
HexaCB-(129)+(138)+(163)	ng/g	3.37	0.0020	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.167	0.0024	0.0099	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0168	0.0026	0.0099	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.285	0.0023	0.0099	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0547	0.0022	0.0099	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0884	0.0024	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.634	0.00072	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0680	0.00053	0.0099	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.131	0.0029	0.0099	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0260	0.0020	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.131	0.0020	0.0099	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0558	0.00069	0.0099	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.527	0.0020	0.0099	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.52	0.0021	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.00287	0.00071	0.0099	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	0.00153	0.00050	0.0099	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	2.89	0.0017	0.0099	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0273	0.00059	0.0099	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.00344	0.00072	0.0099	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.252	0.0023	0.020	0.0000300	0.00000756	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.196	0.0014	0.0099	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0116	0.0023	0.0099	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0632	0.0013	0.0099	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	0.0033	0.0017	0.0099	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.114	0.0022	0.0099	0.0000300	0.00000342	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0099	0.0300	0.0000690	N/A	6335434
22'33'44'5-HeptaCB-(170)	ng/g	0.113	0.0012	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0716	0.0016	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0230	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.0483	0.0014	0.0099	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0106	0.0016	0.0099	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0174	0.0013	0.0099	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.195	0.0016	0.0099	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.102	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0956	0.0012	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.457	0.0012	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.184	0.0014	0.0099	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.0069	0.0012	0.0099	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.579	0.0015	0.0099	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0105	0.0026	0.0099	0.0000300	0.000000315	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0430	0.0012	0.0099	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0085	0.0012	0.0099	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0270	0.0019	0.0099	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	0.0099	0.0020	0.0099	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0147	0.0014	0.0099	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0075	0.0012	0.0099	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0340	0.0014	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0137	0.0010	0.0099	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0310	0.0013	0.0099	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0315	0.0013	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	0.0067	0.0027	0.0099	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000636	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	132	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	152 (2)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	130	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	143 (3)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	147 (3)	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	148 (3)	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6335434

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF927						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	101	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	91	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	75	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	118	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6335434
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6335434
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6335434
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6335434
2,3-DiCB-(5)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6335434
2,3'-DiCB-(6)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6335434
2,4-DiCB-(7)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6335434
2,4'-DiCB-(8)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6335434
2,5-DiCB-(9)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6335434
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
3,3'-DiCB-(11)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6335434
DiCB-(12)+(13)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6335434
3,5-DiCB-(14)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6335434
4,4'-DiCB-(15)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6335434
22'3-TriCB-(16)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6335434
22'4-TriCB-(17)	ng/g	0.00119	0.00077	0.0099	N/A	N/A	N/A	6335434
TriCB-(18)+(30)	ng/g	0.00369	0.00063	0.020	N/A	N/A	N/A	6335434
22'6-TriCB-(19)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6335434
TriCB-(20) + (28)	ng/g	0.0347	0.00089	0.020	N/A	N/A	N/A	6335434
TriCB-(21)+(33)	ng/g	<0.00094	0.00094	0.020	N/A	N/A	N/A	6335434
234'-TriCB-(22)	ng/g	0.0041	0.0010	0.0099	N/A	N/A	N/A	6335434
235-TriCB-(23)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6335434
236-TriCB-(24)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6335434
23'4-TriCB-(25)	ng/g	0.00112	0.00091	0.0099	N/A	N/A	N/A	6335434
TriCB-(26)+(29)	ng/g	0.00255	0.00094	0.020	N/A	N/A	N/A	6335434
23'6-TriCB-(27)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6335434
24'5-TriCB-(31)	ng/g	0.0343	0.00090	0.0099	N/A	N/A	N/A	6335434
24'6-TriCB-(32)	ng/g	0.00077	0.00050	0.0099	N/A	N/A	N/A	6335434
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
33'5-TriCB-(36)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0043	0.0012	0.0099	N/A	N/A	N/A	6335434
345-TriCB-(38)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6335434
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6335434
TetraCB-(40)+(41)+(71)	ng/g	0.0108	0.0018	0.030	N/A	N/A	N/A	6335434
22'34'-TetraCB-(42)	ng/g	0.0123	0.0021	0.0099	N/A	N/A	N/A	6335434
22'35-TetraCB-(43)	ng/g	0.0058	0.0020	0.0099	N/A	N/A	N/A	6335434
TetraCB-(44)+(47)+(65)	ng/g	0.0710	0.0016	0.030	N/A	N/A	N/A	6335434
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6335434
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6335434
22'45-TetraCB-(48)	ng/g	0.0043	0.0018	0.0099	N/A	N/A	N/A	6335434
TetraCB-(49)+TetraCB-(69)	ng/g	0.0892	0.0016	0.020	N/A	N/A	N/A	6335434
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6335434
22'55'-TetraCB-(52)	ng/g	0.479	0.0016	0.0099	N/A	N/A	N/A	6335434
22'66'-TetraCB-(54)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6335434
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
233'4'-Tetra CB(56)	ng/g	0.0210	0.0011	0.0099	N/A	N/A	N/A	6335434
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
TetraCB-(59)+(62)+(75)	ng/g	0.0061	0.0013	0.030	N/A	N/A	N/A	6335434
2344'-TetraCB -(60)	ng/g	0.0478	0.0010	0.0099	N/A	N/A	N/A	6335434
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.422	0.00098	0.040	N/A	N/A	N/A	6335434
234'5-TetraCB-(63)	ng/g	0.0180	0.00099	0.0099	N/A	N/A	N/A	6335434
234'6-TetraCB-(64)	ng/g	0.0173	0.0014	0.0099	N/A	N/A	N/A	6335434
23'44'-TetraCB-(66)	ng/g	0.231	0.00098	0.0099	N/A	N/A	N/A	6335434
23'45-TetraCB-(67)	ng/g	0.00177	0.00082	0.0099	N/A	N/A	N/A	6335434
23'45'-TetraCB-(68)	ng/g	0.0060	0.0010	0.0099	N/A	N/A	N/A	6335434
23'55'-TetraCB-(72)	ng/g	0.0069	0.0011	0.0099	N/A	N/A	N/A	6335434
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6335434
33'44'-TetraCB-(77)	ng/g	0.0223	0.0010	0.0099	0.000100	0.00000223	N/A	6335434
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6335434
33'45'-TetraCB(79)	ng/g	0.00957	0.00086	0.0099	N/A	N/A	N/A	6335434
33'55'-TetraCB-(80)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.0099	0.000300	0.000000300	N/A	6335434
22'33'4-PentaCB-(82)	ng/g	0.0220	0.0012	0.0099	N/A	N/A	N/A	6335434
PentaCB-(83)+(99)	ng/g	0.468	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'6-PentaCB-(84)	ng/g	0.0359	0.0012	0.0099	N/A	N/A	N/A	6335434
PentaCB-(85)+(116)+(117)	ng/g	0.129	0.00092	0.030	N/A	N/A	N/A	6335434
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.420	0.00094	0.060	N/A	N/A	N/A	6335434
PentaCB-(88)+(91)	ng/g	0.0382	0.0011	0.020	N/A	N/A	N/A	6335434
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
PentaCB-(90)+(101)+(113)	ng/g	1.56	0.00093	0.030	N/A	N/A	N/A	6335434
22'355'-PentaCB-(92)	ng/g	0.321	0.0011	0.0099	N/A	N/A	N/A	6335434
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0059	0.0011	0.040	N/A	N/A	N/A	6335434
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
22'35'6-PentaCB-(95)	ng/g	0.365	0.0011	0.0099	N/A	N/A	N/A	6335434
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6335434
22'45'6-PentaCB-(103)	ng/g	0.0052	0.0010	0.0099	N/A	N/A	N/A	6335434
22'466'-PentaCB-(104)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6335434
233'44'-PentaCB-(105)	ng/g	0.568	0.00081	0.0099	0.0000300	0.0000170	N/A	6335434
233'45-PentaCB-(106)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
233'4'5-PentaCB-(107)	ng/g	0.122	0.00069	0.0099	N/A	N/A	N/A	6335434
PentaCB-(108)+(124)	ng/g	0.0479	0.00077	0.020	N/A	N/A	N/A	6335434
PentaCB-(110)+(115)	ng/g	1.10	0.00083	0.020	N/A	N/A	N/A	6335434
233'55'-PentaCB-(111)	ng/g	0.00149	0.00079	0.0099	N/A	N/A	N/A	6335434
233'56-PentaCB-(112)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6335434
2344'5-PentaCB-(114)	ng/g	0.0297	0.00081	0.0099	0.0000300	0.000000891	N/A	6335434
23'44'5-PentaCB-(118)	ng/g	1.66	0.00080	0.0099	0.0000300	0.0000498	N/A	6335434
23'455'-PentaCB-(120)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6335434
23'45'6-PentaCB-(121)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6335434
233'4'5'-PentaCB-(122)	ng/g	0.0124	0.00088	0.0099	N/A	N/A	N/A	6335434
23'44'5'-PentaCB-(123)	ng/g	0.0282	0.00087	0.0099	0.0000300	0.000000846	N/A	6335434
33'44'5-PentaCB-(126)	ng/g	0.00309	0.00077	0.0099	0.100	0.000309	N/A	6335434
33'455'-PentaCB-(127)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6335434
HexaCB-(128)+(166)	ng/g	0.297	0.0038	0.020	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	2.80	0.0044	0.030	N/A	N/A	N/A	6335434
22'33'45'-HexaCB-(130)	ng/g	0.131	0.0053	0.0099	N/A	N/A	N/A	6335434
22'33'46-HexaCB-(131)	ng/g	0.0106	0.0058	0.0099	N/A	N/A	N/A	6335434
22'33'46'-HexaCB-(132)	ng/g	0.147	0.0050	0.0099	N/A	N/A	N/A	6335434
22'33'55'-HexaCB-(133)	ng/g	0.0461	0.0048	0.0099	N/A	N/A	N/A	6335434
HexaCB-(134)+(143)	ng/g	0.0356	0.0053	0.020	N/A	N/A	N/A	6335434
HexaCB-(135)+(151)	ng/g	0.527	0.0012	0.020	N/A	N/A	N/A	6335434
22'33'66'-HexaCB-(136)	ng/g	0.0348	0.00090	0.0099	N/A	N/A	N/A	6335434
22'344'5-HexaCB-(137)	ng/g	0.113	0.0063	0.0099	N/A	N/A	N/A	6335434
HexaCB-(139)+(140)	ng/g	0.0117	0.0044	0.020	N/A	N/A	N/A	6335434
22'3455'-HexaCB-(141)	ng/g	0.114	0.0043	0.0099	N/A	N/A	N/A	6335434
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6335434
22'345'6-HexaCB-(144)	ng/g	0.0387	0.0012	0.0099	N/A	N/A	N/A	6335434
22'3466'-HexaCB-(145)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6335434
22'34'55'-HexaCB-(146)	ng/g	0.457	0.0043	0.0099	N/A	N/A	N/A	6335434
HexaCB-(147)+(149)	ng/g	1.09	0.0046	0.020	N/A	N/A	N/A	6335434
22'34'56'-HexaCB-(148)	ng/g	0.0021	0.0012	0.0099	N/A	N/A	N/A	6335434
22'34'66'-HexaCB-(150)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6335434
22'3566'-HexaCB-(152)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6335434
HexaCB-(153)+(168)	ng/g	2.32	0.0036	0.0099	N/A	N/A	N/A	6335434
22'44'56'-HexaCB-(154)	ng/g	0.0143	0.0010	0.0099	N/A	N/A	N/A	6335434
22'44'66'-HexaCB-(155)	ng/g	0.0017	0.0012	0.0099	N/A	N/A	N/A	6335434
HexaCB-(156)+(157)	ng/g	0.209	0.0017	0.020	0.0000300	0.00000627	N/A	6335434
233'44'6-HexaCB-(158)	ng/g	0.139	0.0030	0.0099	N/A	N/A	N/A	6335434
233'455'-HexaCB-(159)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6335434
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6335434
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6335434
233'4'55'-HexaCB-(162)	ng/g	0.0111	0.0017	0.0099	N/A	N/A	N/A	6335434
233'4'5'6-HexaCB-(164)	ng/g	0.0510	0.0029	0.0099	N/A	N/A	N/A	6335434
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6335434
23'44'55'-HexaCB-(167)	ng/g	0.0950	0.0016	0.0099	0.0000300	0.00000285	N/A	6335434
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0099	0.0300	0.0000510	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0912	0.0012	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(171)+(173)	ng/g	0.0542	0.0016	0.020	N/A	N/A	N/A	6335434
22'33'455'-HeptaCB-(172)	ng/g	0.0185	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'456'-HeptaCB-(174)	ng/g	0.0388	0.0014	0.0099	N/A	N/A	N/A	6335434
22'33'45'6-HeptaCB-(175)	ng/g	0.0082	0.0011	0.0099	N/A	N/A	N/A	6335434
22'33'466'-HeptaCB-(176)	ng/g	0.0104	0.00086	0.0099	N/A	N/A	N/A	6335434
22'33'45'6'-HeptaCB-(177)	ng/g	0.153	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'55'6-HeptaCB-(178)	ng/g	0.0872	0.0012	0.0099	N/A	N/A	N/A	6335434
22'33'566'-HeptaCB-(179)	ng/g	0.0822	0.00084	0.0099	N/A	N/A	N/A	6335434
HeptaCB-(180)+(193)	ng/g	0.344	0.0012	0.020	N/A	N/A	N/A	6335434
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6335434
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6335434
22'344'5'6-HeptaCB-(183)	ng/g	0.129	0.0014	0.0099	N/A	N/A	N/A	6335434
22'344'66'-HeptaCB-(184)	ng/g	0.00294	0.00079	0.0099	N/A	N/A	N/A	6335434
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434
22'34566'-HeptaCB-(186)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6335434
22'34'55'6-HeptaCB-(187)	ng/g	0.511	0.0010	0.0099	N/A	N/A	N/A	6335434
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6335434
233'44'55'-HeptaCB-(189)	ng/g	0.0093	0.0019	0.0099	0.0000300	0.000000279	N/A	6335434
233'44'56-HeptaCB-(190)	ng/g	0.0325	0.0012	0.0099	N/A	N/A	N/A	6335434
233'44'5'6-HeptaCB-(191)	ng/g	0.0065	0.0012	0.0099	N/A	N/A	N/A	6335434
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'-OctaCB-(194)	ng/g	0.0214	0.0023	0.0099	N/A	N/A	N/A	6335434
22'33'44'56-OctaCB-(195)	ng/g	<0.0062 (1)	0.0062	0.0099	N/A	N/A	N/A	6335434
22'33'44'56'-OctaCB-(196)	ng/g	0.0113	0.0017	0.0099	N/A	N/A	N/A	6335434
22'33'44'66'OctaCB-(197)	ng/g	0.0045	0.0014	0.0099	N/A	N/A	N/A	6335434
OctaCB-(198)+(199)	ng/g	0.0212	0.0016	0.020	N/A	N/A	N/A	6335434
22'33'4566'-OctaCB-(200)	ng/g	<0.0015 (1)	0.0015	0.0099	N/A	N/A	N/A	6335434
22'33'45'66'-OctaCB-(201)	ng/g	0.0079	0.0012	0.0099	N/A	N/A	N/A	6335434
22'33'55'66'-OctaCB-(202)	ng/g	0.0258	0.0015	0.0099	N/A	N/A	N/A	6335434
22'344'55'6-OctaCB-(203)	ng/g	0.0191	0.0015	0.0099	N/A	N/A	N/A	6335434

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6335434
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6335434
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6335434
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6335434
22'33'455'66'-NonaCB-(208)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6335434
DecaCB-(209)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6335434
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000440	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'55'6-NonaCB-(206)	%	114	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'44'5-HeptaCB-(170)	%	123	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'455'66'-NonaCB-(208)	%	110	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'66'-OctaCB-(202)	%	124	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'34'566'-HeptaCB-(188)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'6-TriCB-(19)	%	79	N/A	N/A	N/A	N/A	N/A	6335434
C13-22'-DiCB-(4)	%	66	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'55'-HeptaCB-(189)	%	128	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6335434
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6335434
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6335434
C13-2'344'5-PentaCB-(123)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'55'-HexaCB-(169)	%	74	N/A	N/A	N/A	N/A	N/A	6335434
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQF929						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6335434
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6335434
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6335434
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6335434
C13-DecaCB-(209)	%	103	N/A	N/A	N/A	N/A	N/A	6335434
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6335434

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0064	0.0022	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0085	0.0025	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0073 (1)	0.0073	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0176	0.0038	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0263	0.0037	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0312	0.0029	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.123	0.0024	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.766	0.0020	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0483	0.0020	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.102	0.0022	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0152	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0476	0.0021	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0110	0.0020	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.739	0.0020	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0250	0.0020	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.149	0.0025	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	0.0064	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.309	0.0040	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.382	0.0049	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0754	0.0061	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	2.20	0.0036	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0125	0.0038	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.140	0.0040	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	1.41	0.0035	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0122	0.0036	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	4.24	0.0037	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.515	0.0058	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.118	0.0029	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.891	0.0054	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	5.40	0.0050	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.200	0.0050	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	1.04	0.0031	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	3.18	0.0052	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0158	0.0045	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0376	0.0046	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0410	0.0048	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	0.0078	0.0027	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.372	0.0055	0.010	0.000100	0.0000372	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0557	0.0045	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0190	0.0054	0.010	0.000300	0.00000570	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.243	0.0026	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	6.53	0.0023	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.516	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	1.47	0.0018	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.02	0.0019	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.559	0.0021	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	7.82	0.0019	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	1.57	0.0023	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0631	0.0021	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	0.0059	0.0022	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	2.41	0.0020	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0369	0.0019	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	3.61	0.0033	0.010	0.0000300	0.000108	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.812	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.253	0.0032	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	7.19	0.0019	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0163	0.0017	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.209	0.0033	0.010	0.0000300	0.00000627	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	9.37	0.0033	0.010	0.0000300	0.000281	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0056	0.0017	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0785	0.0036	0.010	N/A	N/A	N/A	6360913

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.126	0.0035	0.010	0.0000300	0.00000378	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	0.0261	0.0031	0.010	0.100	0.00261	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0175	0.0032	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	1.40	0.0066	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	12.1	0.0072	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.504	0.0083	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0401	0.0087	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.928	0.0079	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.216	0.0075	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.102	0.0083	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	1.86	0.0013	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.138	0.00092	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.384	0.0074	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0910	0.0068	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.676	0.0073	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.129	0.0014	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	1.92	0.0066	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	3.30	0.0066	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0081	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.00503	0.00080	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	10.6	0.0058	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.100	0.0011	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0201	0.0014	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.952	0.0028	0.020	0.0000300	0.0000286	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.653	0.0052	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0148	0.0031	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0434	0.0029	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.336	0.0057	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	0.0139	0.0061	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.417	0.0027	0.010	0.0000300	0.0000125	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	0.0085	0.0028	0.010	0.0300	0.000255	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.695	0.0020	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.267	0.0026	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.174	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.321	0.0023	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0304	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0354	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.549	0.0026	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.402	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.254	0.0013	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	2.36	0.0020	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	0.0107	0.0025	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	0.0065	0.0018	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.647	0.0024	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0163	0.0012	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	2.22	0.0017	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	0.0078	0.0021	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0387	0.0022	0.010	0.0000300	0.00000116	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.200	0.0022	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0423	0.0021	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.236	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0713	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.137	0.0036	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG111						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.010 (1)	0.010	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.235	0.0034	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0458	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.142	0.0030	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.183	0.0032	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	0.0088	0.0029	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0589	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	0.0093	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0223	0.0029	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	0.0228	0.0016	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00335	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	113	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	113	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	81	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	71	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	48	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	124	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	107	N/A	N/A	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	101	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0077	0.0025	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0113	0.0028	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0087	0.0035	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0069	0.0042	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0308	0.0030	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0320	0.0024	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.118	0.0020	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.356	0.0037	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0511	0.0037	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0779	0.0042	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0140	0.0038	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0412	0.0039	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0090	0.0016	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.370	0.0038	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0262	0.0016	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
33'4-TriCB-(35)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0306	0.0048	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.176	0.0038	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.136	0.0046	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0278	0.0058	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.718	0.0035	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0250	0.0036	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	0.0069	0.0042	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0764	0.0038	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.390	0.0034	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0282	0.0035	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	1.31	0.0035	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.173	0.0024	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0453	0.0028	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.188	0.0022	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.55	0.0020	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0432	0.0020	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.245	0.0030	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.849	0.0021	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0081	0.0018	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0154	0.0019	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0153	0.0020	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0642	0.0022	0.010	0.000100	0.00000642	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0244	0.0018	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0031	0.0022	0.010	0.000300	0.000000930	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.141	0.0032	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	2.11	0.0029	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.244	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.453	0.0023	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.15	0.0024	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.156	0.0027	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	2.79	0.0023	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.541	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0332	0.0027	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	0.0058	0.0028	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	1.24	0.0025	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	0.00126	0.00069	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0150	0.0024	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.16	0.0041	0.010	0.0000300	0.0000348	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.237	0.0037	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0932	0.0040	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	2.67	0.0024	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0043	0.0021	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0621	0.0041	0.010	0.0000300	0.00000186	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	3.14	0.0041	0.010	0.0000300	0.0000942	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0038	0.0022	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0318	0.0046	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0569	0.0045	0.010	0.0000300	0.00000171	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0070	0.0039	0.010	0.100	0.000700	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.574	0.0053	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	4.56	0.0058	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.232	0.0067	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0270	0.0070	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.441	0.0064	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0648	0.0061	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.131	0.0067	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.827	0.0016	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.127	0.0011	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.126	0.0060	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0456	0.0055	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.199	0.0059	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0767	0.0017	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.636	0.0053	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	1.92	0.0053	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0046	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	3.82	0.0047	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0364	0.0014	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0071	0.0017	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.348	0.0050	0.020	0.0000300	0.0000104	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.291	0.0042	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0140	0.0051	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0997	0.0046	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.146	0.0047	0.010	0.0000300	0.00000438	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0049	0.0049	0.010	0.0300	0.000147	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.146	0.0030	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.110	0.0038	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0297	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0750	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0165	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0321	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.271	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.127	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.144	0.0020	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.559	0.0029	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.285	0.0036	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0098	0.0018	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.762	0.0026	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0148	0.0024	0.010	0.0000300	0.000000444	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0587	0.0032	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0110	0.0031	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0330	0.0044	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0145	0.0045	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0222	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	0.0080	0.0021	0.010	N/A	N/A	N/A	6360913

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0514	0.0032	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0207	0.0023	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0452	0.0029	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0406	0.0030	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0098	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00100	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	131	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	118	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	128	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	140	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	63	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	135	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6360913

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(1) Internal Standard recovery is above method criteria, possibly due to sample heterogenity

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG113						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	113	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6387256
3-MonoCB-(2)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6387256
4-MonoCB-(3)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6387256
22'-DiCB-(4)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6387256
2,3-DiCB-(5)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6387256
2,3'-DiCB-(6)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6387256
2,4-DiCB-(7)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6387256
2,4'-DiCB-(8)	ng/g	0.00444	0.00087	0.0099	N/A	N/A	N/A	6387256
2,5-DiCB-(9)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6387256
2,6-DiCB-(10)	ng/g	<0.00037	0.00037	0.0099	N/A	N/A	N/A	6387256
3,3'-DiCB-(11)	ng/g	0.00238	0.00089	0.0099	N/A	N/A	N/A	6387256
DiCB-(12)+(13)	ng/g	<0.00085	0.00085	0.020	N/A	N/A	N/A	6387256
3,5-DiCB-(14)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6387256
4,4'-DiCB-(15)	ng/g	0.0052	0.0010	0.0099	N/A	N/A	N/A	6387256
22'3-TriCB-(16)	ng/g	0.00512	0.00099	0.0099	N/A	N/A	N/A	6387256
22'4-TriCB-(17)	ng/g	0.00361	0.00083	0.0099	N/A	N/A	N/A	6387256
TriCB-(18)+(30)	ng/g	0.0198	0.00069	0.020	N/A	N/A	N/A	6387256
22'6-TriCB-(19)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6387256
TriCB-(20) + (28)	ng/g	0.141	0.00072	0.020	N/A	N/A	N/A	6387256
TriCB-(21)+(33)	ng/g	0.0119	0.00074	0.020	N/A	N/A	N/A	6387256
234'-TriCB-(22)	ng/g	0.0176	0.00080	0.0099	N/A	N/A	N/A	6387256
235-TriCB-(23)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6387256
236-TriCB-(24)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6387256
23'4-TriCB-(25)	ng/g	0.00418	0.00069	0.0099	N/A	N/A	N/A	6387256
TriCB-(26)+(29)	ng/g	0.0115	0.00076	0.020	N/A	N/A	N/A	6387256
23'6-TriCB-(27)	ng/g	0.00192	0.00055	0.0099	N/A	N/A	N/A	6387256
24'5-TriCB-(31)	ng/g	0.116	0.00070	0.0099	N/A	N/A	N/A	6387256
24'6-TriCB-(32)	ng/g	0.00275	0.00056	0.0099	N/A	N/A	N/A	6387256
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6387256
33'4-TriCB-(35)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	0.00455	0.00067	0.0099	N/A	N/A	N/A	6387256
344'-TriCB-(37)	ng/g	0.0186	0.00095	0.0099	N/A	N/A	N/A	6387256
345-TriCB-(38)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6387256
34'5-TriCB-(39)	ng/g	0.00184	0.00073	0.0099	N/A	N/A	N/A	6387256
TetraCB-(40)+(41)+(71)	ng/g	0.0448	0.00099	0.030	N/A	N/A	N/A	6387256
22'34'-TetraCB-(42)	ng/g	0.0294	0.0012	0.0099	N/A	N/A	N/A	6387256
22'35-TetraCB-(43)	ng/g	0.0125	0.0010	0.0099	N/A	N/A	N/A	6387256
TetraCB-(44)+(47)+(65)	ng/g	0.180	0.00090	0.030	N/A	N/A	N/A	6387256
TetraCB-(45)+(51)	ng/g	0.00336	0.00096	0.020	N/A	N/A	N/A	6387256
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6387256
22'45-TetraCB-(48)	ng/g	0.0237	0.0010	0.0099	N/A	N/A	N/A	6387256
TetraCB-(49)+TetraCB-(69)	ng/g	0.153	0.00087	0.020	N/A	N/A	N/A	6387256
TetraCB-(50)+(53)	ng/g	0.00468	0.00091	0.020	N/A	N/A	N/A	6387256
22'55'-TetraCB-(52)	ng/g	0.903	0.00099	0.0099	N/A	N/A	N/A	6387256
22'66'-TetraCB-(54)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6387256
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
233'4'-Tetra CB(56)	ng/g	0.0759	0.0013	0.0099	N/A	N/A	N/A	6387256
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
TetraCB-(59)+(62)+(75)	ng/g	0.0128	0.00071	0.030	N/A	N/A	N/A	6387256
2344'-TetraCB -(60)	ng/g	0.127	0.0013	0.0099	N/A	N/A	N/A	6387256
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.949	0.0011	0.040	N/A	N/A	N/A	6387256
234'5-TetraCB-(63)	ng/g	0.0344	0.0012	0.0099	N/A	N/A	N/A	6387256
234'6-TetraCB-(64)	ng/g	0.0403	0.00076	0.0099	N/A	N/A	N/A	6387256
23'44'-TetraCB-(66)	ng/g	0.602	0.0012	0.0099	N/A	N/A	N/A	6387256
23'45-TetraCB-(67)	ng/g	0.00216	0.00099	0.0099	N/A	N/A	N/A	6387256
23'45'-TetraCB-(68)	ng/g	0.0097	0.0011	0.0099	N/A	N/A	N/A	6387256
23'55'-TetraCB-(72)	ng/g	0.0118	0.0011	0.0099	N/A	N/A	N/A	6387256
23'5'6-TetraCB-(73)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6387256
33'44'-TetraCB-(77)	ng/g	0.0501	0.0012	0.0099	0.000100	0.00000501	N/A	6387256
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0158	0.00099	0.0099	N/A	N/A	N/A	6387256
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6387256
344'5-TetraCB-(81)	ng/g	0.0019	0.0012	0.0099	0.000300	0.000000570	N/A	6387256
22'33'4-PentaCB-(82)	ng/g	0.0603	0.0014	0.0099	N/A	N/A	N/A	6387256
PentaCB-(83)+(99)	ng/g	0.634	0.0012	0.020	N/A	N/A	N/A	6387256
22'33'6-PentaCB-(84)	ng/g	0.0959	0.0012	0.0099	N/A	N/A	N/A	6387256
PentaCB-(85)+(116)+(117)	ng/g	0.196	0.00098	0.030	N/A	N/A	N/A	6387256
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.778	0.00096	0.059	N/A	N/A	N/A	6387256
PentaCB-(88)+(91)	ng/g	0.0656	0.0011	0.020	N/A	N/A	N/A	6387256
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
PentaCB-(90)+(101)+(113)	ng/g	2.15	0.00093	0.030	N/A	N/A	N/A	6387256
22'355'-PentaCB-(92)	ng/g	0.427	0.0012	0.0099	N/A	N/A	N/A	6387256
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0119	0.0011	0.040	N/A	N/A	N/A	6387256
22'356'-PentaCB-(94)	ng/g	0.0026	0.0012	0.0099	N/A	N/A	N/A	6387256
22'35'6-PentaCB-(95)	ng/g	0.601	0.0011	0.0099	N/A	N/A	N/A	6387256
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.0099	N/A	N/A	N/A	6387256
22'45'6-PentaCB-(103)	ng/g	0.0084	0.0010	0.0099	N/A	N/A	N/A	6387256
22'466'-PentaCB-(104)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6387256
233'44'-PentaCB-(105)	ng/g	0.902	0.0012	0.0099	0.0000300	0.0000271	N/A	6387256
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
233'4'5-PentaCB-(107)	ng/g	0.196	0.0011	0.0099	N/A	N/A	N/A	6387256
PentaCB-(108)+(124)	ng/g	0.0788	0.0012	0.020	N/A	N/A	N/A	6387256
PentaCB-(110)+(115)	ng/g	1.69	0.00090	0.020	N/A	N/A	N/A	6387256
233'55'-PentaCB-(111)	ng/g	0.00138	0.00081	0.0099	N/A	N/A	N/A	6387256
233'56-PentaCB-(112)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6387256
2344'5-PentaCB-(114)	ng/g	0.0584	0.0012	0.0099	0.0000300	0.00000175	N/A	6387256
23'44'5-PentaCB-(118)	ng/g	2.57	0.0012	0.0099	0.0000300	0.0000771	N/A	6387256
23'455'-PentaCB-(120)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6387256
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6387256
233'4'5'-PentaCB-(122)	ng/g	0.0263	0.0014	0.0099	N/A	N/A	N/A	6387256
23'44'5'-PentaCB-(123)	ng/g	0.0524	0.0013	0.0099	0.0000300	0.00000157	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0047	0.0011	0.0099	0.100	0.000470	N/A	6387256
33'455'-PentaCB-(127)	ng/g	0.0047	0.0012	0.0099	N/A	N/A	N/A	6387256
HexaCB-(128)+(166)	ng/g	0.367	0.0010	0.020	N/A	N/A	N/A	6387256
HexaCB-(129)+(138)+(163)	ng/g	3.13	0.0011	0.030	N/A	N/A	N/A	6387256
22'33'45'-HexaCB-(130)	ng/g	0.139	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'46-HexaCB-(131)	ng/g	0.0133	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'46'-HexaCB-(132)	ng/g	0.202	0.0012	0.0099	N/A	N/A	N/A	6387256
22'33'55'-HexaCB-(133)	ng/g	0.0464	0.0011	0.0099	N/A	N/A	N/A	6387256
HexaCB-(134)+(143)	ng/g	0.0805	0.0012	0.020	N/A	N/A	N/A	6387256
HexaCB-(135)+(151)	ng/g	0.576	0.00060	0.020	N/A	N/A	N/A	6387256
22'33'66'-HexaCB-(136)	ng/g	0.0515	0.00040	0.0099	N/A	N/A	N/A	6387256
22'344'5-HexaCB-(137)	ng/g	0.0970	0.0013	0.0099	N/A	N/A	N/A	6387256
HexaCB-(139)+(140)	ng/g	0.0129	0.00099	0.020	N/A	N/A	N/A	6387256
22'3455'-HexaCB-(141)	ng/g	0.110	0.0011	0.0099	N/A	N/A	N/A	6387256
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
22'345'6-HexaCB-(144)	ng/g	0.0474	0.00058	0.0099	N/A	N/A	N/A	6387256
22'3466'-HexaCB-(145)	ng/g	<0.00042	0.00042	0.0099	N/A	N/A	N/A	6387256
22'34'55'-HexaCB-(146)	ng/g	0.485	0.0010	0.0099	N/A	N/A	N/A	6387256
HexaCB-(147)+(149)	ng/g	1.25	0.00098	0.020	N/A	N/A	N/A	6387256
22'34'56'-HexaCB-(148)	ng/g	0.00208	0.00056	0.0099	N/A	N/A	N/A	6387256
22'34'66'-HexaCB-(150)	ng/g	0.00148	0.00037	0.0099	N/A	N/A	N/A	6387256
22'3566'-HexaCB-(152)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6387256
HexaCB-(153)+(168)	ng/g	2.57	0.00089	0.0099	N/A	N/A	N/A	6387256
22'44'56'-HexaCB-(154)	ng/g	0.0186	0.00049	0.0099	N/A	N/A	N/A	6387256
22'44'66'-HexaCB-(155)	ng/g	0.00336	0.00066	0.0099	N/A	N/A	N/A	6387256
HexaCB-(156)+(157)	ng/g	0.288	0.0015	0.020	0.0000300	0.00000864	N/A	6387256
233'44'6-HexaCB-(158)	ng/g	0.155	0.00076	0.0099	N/A	N/A	N/A	6387256
233'455'-HexaCB-(159)	ng/g	0.0058	0.0016	0.0099	N/A	N/A	N/A	6387256
233'456-HexaCB-(160)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6387256
233'45'6-HexaCB-(161)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6387256
233'4'55'-HexaCB-(162)	ng/g	0.0105	0.0015	0.0099	N/A	N/A	N/A	6387256

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0726	0.00079	0.0099	N/A	N/A	N/A	6387256
233'55'6-HexaCB-(165)	ng/g	0.00202	0.00090	0.0099	N/A	N/A	N/A	6387256
23'44'55'-HexaCB-(167)	ng/g	0.125	0.0014	0.0099	0.0000300	0.00000375	N/A	6387256
33'44'55'-HexaCB-(169)	ng/g	0.0030	0.0015	0.0099	0.0300	0.0000900	N/A	6387256
22'33'44'5-HeptaCB-(170)	ng/g	0.118	0.0011	0.0099	N/A	N/A	N/A	6387256
HeptaCB-(171)+(173)	ng/g	0.0832	0.0015	0.020	N/A	N/A	N/A	6387256
22'33'455'-HeptaCB-(172)	ng/g	0.0288	0.0016	0.0099	N/A	N/A	N/A	6387256
22'33'456'-HeptaCB-(174)	ng/g	0.0638	0.0014	0.0099	N/A	N/A	N/A	6387256
22'33'45'6-HeptaCB-(175)	ng/g	0.00841	0.00070	0.0099	N/A	N/A	N/A	6387256
22'33'466'-HeptaCB-(176)	ng/g	0.0170	0.00052	0.0099	N/A	N/A	N/A	6387256
22'33'45'6'-HeptaCB-(177)	ng/g	0.225	0.0015	0.0099	N/A	N/A	N/A	6387256
22'33'55'6-HeptaCB-(178)	ng/g	0.0986	0.00069	0.0099	N/A	N/A	N/A	6387256
22'33'566'-HeptaCB-(179)	ng/g	0.0995	0.00051	0.0099	N/A	N/A	N/A	6387256
HeptaCB-(180)+(193)	ng/g	0.452	0.0011	0.020	N/A	N/A	N/A	6387256
22'344'56-HeptaCB-(181)	ng/g	0.0018	0.0014	0.0099	N/A	N/A	N/A	6387256
22'344'56'-HeptaCB-(182)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6387256
22'344'5'6-HeptaCB-(183)	ng/g	0.143	0.0013	0.0099	N/A	N/A	N/A	6387256
22'344'66'-HeptaCB-(184)	ng/g	0.00404	0.00047	0.0099	N/A	N/A	N/A	6387256
22'3455'6-HeptaCB-(185)	ng/g	0.0258	0.0015	0.0099	N/A	N/A	N/A	6387256
22'34566'-HeptaCB-(186)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6387256
22'34'55'6-HeptaCB-(187)	ng/g	0.615	0.00067	0.0099	N/A	N/A	N/A	6387256
22'34'566'-HeptaCB-(188)	ng/g	0.00174	0.00078	0.0099	N/A	N/A	N/A	6387256
233'44'55'-HeptaCB-(189)	ng/g	0.0127	0.0014	0.0099	0.0000300	0.000000381	N/A	6387256
233'44'56-HeptaCB-(190)	ng/g	0.0530	0.0012	0.0099	N/A	N/A	N/A	6387256
233'44'5'6-HeptaCB-(191)	ng/g	0.0082	0.0012	0.0099	N/A	N/A	N/A	6387256
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
22'33'44'55'-OctaCB-(194)	ng/g	0.0271	0.0015	0.0099	N/A	N/A	N/A	6387256
22'33'44'56-OctaCB-(195)	ng/g	0.0111	0.0017	0.0099	N/A	N/A	N/A	6387256
22'33'44'56'-OctaCB-(196)	ng/g	0.0181	0.0015	0.0099	N/A	N/A	N/A	6387256
22'33'44'66'OctaCB-(197)	ng/g	0.0062	0.0011	0.0099	N/A	N/A	N/A	6387256
OctaCB-(198)+(199)	ng/g	0.0351	0.0014	0.020	N/A	N/A	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	0.00121	0.00083	0.0099	N/A	N/A	N/A	6387256
22'33'45'66'-OctaCB-(201)	ng/g	0.0138	0.0010	0.0099	N/A	N/A	N/A	6387256
22'33'55'66'-OctaCB-(202)	ng/g	0.0344	0.0012	0.0099	N/A	N/A	N/A	6387256
22'344'55'6-OctaCB-(203)	ng/g	0.0337	0.0012	0.0099	N/A	N/A	N/A	6387256
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6387256
233'44'55'6-OctaCB-(205)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6387256
22'33'44'55'6-NonaCB-(206)	ng/g	0.0058	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'44'566'-NonaCB-(207)	ng/g	0.0013	0.0011	0.0099	N/A	N/A	N/A	6387256
22'33'455'66'-NonaCB-(208)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6387256
DecaCB-(209)	ng/g	0.00302	0.00094	0.0099	N/A	N/A	N/A	6387256
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000686	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'44'55'6-NonaCB-(206)	%	166 (2)	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'44'5-HeptaCB-(170)	%	143 (3)	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'455'66'-NonaCB-(208)	%	135	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'55'66'-OctaCB-(202)	%	135	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'344'55'-HeptaCB-(180)	%	135	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'55'-HeptaCB-(189)	%	155 (2)	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6387256

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Internal standard recovery is outside method limits, possibly due to matrix effects.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6387256
C13-23'44'55'-HexaCB-(167)	%	105	N/A	N/A	N/A	N/A	N/A	6387256
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6387256
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6387256
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6387256
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-344'-TriCB-(37)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6387256
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6387256
C13-DecaCB-(209)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-HexaCB-(156)+(157)	%	110	N/A	N/A	N/A	N/A	N/A	6387256

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QC Batch = Quality Control Batch

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6387256
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6387256
4-MonoCB-(3)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6387256
22'-DiCB-(4)	ng/g	<0.00063	0.00063	0.0099	N/A	N/A	N/A	6387256
2,3-DiCB-(5)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6387256
2,3'-DiCB-(6)	ng/g	<0.0011 (1)	0.0011	0.0099	N/A	N/A	N/A	6387256
2,4-DiCB-(7)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6387256
2,4'-DiCB-(8)	ng/g	0.00360	0.00064	0.0099	N/A	N/A	N/A	6387256
2,5-DiCB-(9)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6387256
2,6-DiCB-(10)	ng/g	<0.00038	0.00038	0.0099	N/A	N/A	N/A	6387256
3,3'-DiCB-(11)	ng/g	0.00199	0.00065	0.0099	N/A	N/A	N/A	6387256
DiCB-(12)+(13)	ng/g	<0.00062	0.00062	0.020	N/A	N/A	N/A	6387256
3,5-DiCB-(14)	ng/g	<0.00062	0.00062	0.0099	N/A	N/A	N/A	6387256
4,4'-DiCB-(15)	ng/g	0.00496	0.00075	0.0099	N/A	N/A	N/A	6387256
22'3-TriCB-(16)	ng/g	0.00594	0.00069	0.0099	N/A	N/A	N/A	6387256
22'4-TriCB-(17)	ng/g	0.00429	0.00058	0.0099	N/A	N/A	N/A	6387256
TriCB-(18)+(30)	ng/g	0.0207	0.00048	0.020	N/A	N/A	N/A	6387256
22'6-TriCB-(19)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6387256
TriCB-(20) + (28)	ng/g	0.143	0.00069	0.020	N/A	N/A	N/A	6387256
TriCB-(21)+(33)	ng/g	0.0106	0.00070	0.020	N/A	N/A	N/A	6387256
234'-TriCB-(22)	ng/g	0.0181	0.00076	0.0099	N/A	N/A	N/A	6387256
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6387256
236-TriCB-(24)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6387256
23'4-TriCB-(25)	ng/g	0.00377	0.00065	0.0099	N/A	N/A	N/A	6387256
TriCB-(26)+(29)	ng/g	0.0117	0.00072	0.020	N/A	N/A	N/A	6387256
23'6-TriCB-(27)	ng/g	0.00241	0.00039	0.0099	N/A	N/A	N/A	6387256
24'5-TriCB-(31)	ng/g	0.119	0.00066	0.0099	N/A	N/A	N/A	6387256
24'6-TriCB-(32)	ng/g	0.00287	0.00039	0.0099	N/A	N/A	N/A	6387256

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QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6387256
33'4-TriCB-(35)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6387256
33'5-TriCB-(36)	ng/g	0.00386	0.00064	0.0099	N/A	N/A	N/A	6387256
344'-TriCB-(37)	ng/g	0.0200	0.00090	0.0099	N/A	N/A	N/A	6387256
345-TriCB-(38)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6387256
34'5-TriCB-(39)	ng/g	0.00120	0.00069	0.0099	N/A	N/A	N/A	6387256
TetraCB-(40)+(41)+(71)	ng/g	0.0509	0.00096	0.030	N/A	N/A	N/A	6387256
22'34'-TetraCB-(42)	ng/g	0.0307	0.0011	0.0099	N/A	N/A	N/A	6387256
22'35-TetraCB-(43)	ng/g	0.0125	0.00099	0.0099	N/A	N/A	N/A	6387256
TetraCB-(44)+(47)+(65)	ng/g	0.193	0.00087	0.030	N/A	N/A	N/A	6387256
TetraCB-(45)+(51)	ng/g	0.00376	0.00093	0.020	N/A	N/A	N/A	6387256
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6387256
22'45-TetraCB-(48)	ng/g	0.0237	0.00098	0.0099	N/A	N/A	N/A	6387256
TetraCB-(49)+TetraCB-(69)	ng/g	0.169	0.00084	0.020	N/A	N/A	N/A	6387256
TetraCB-(50)+(53)	ng/g	0.00446	0.00088	0.020	N/A	N/A	N/A	6387256
22'55'-TetraCB-(52)	ng/g	0.953	0.00096	0.0099	N/A	N/A	N/A	6387256
22'66'-TetraCB-(54)	ng/g	<0.00033	0.00033	0.0099	N/A	N/A	N/A	6387256
233'4-TetraCB-(55)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6387256
233'4'-Tetra CB(56)	ng/g	0.0794	0.00096	0.0099	N/A	N/A	N/A	6387256
233'5-TetraCB-(57)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6387256
233'5'-TetraCB-(58)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6387256
TetraCB-(59)+(62)+(75)	ng/g	0.0136	0.00069	0.030	N/A	N/A	N/A	6387256
2344'-TetraCB -(60)	ng/g	0.136	0.00093	0.0099	N/A	N/A	N/A	6387256
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.982	0.00084	0.040	N/A	N/A	N/A	6387256
234'5-TetraCB-(63)	ng/g	0.0374	0.00085	0.0099	N/A	N/A	N/A	6387256
234'6-TetraCB-(64)	ng/g	0.0437	0.00073	0.0099	N/A	N/A	N/A	6387256
23'44'-TetraCB-(66)	ng/g	0.615	0.00086	0.0099	N/A	N/A	N/A	6387256
23'45-TetraCB-(67)	ng/g	0.00283	0.00073	0.0099	N/A	N/A	N/A	6387256
23'45'-TetraCB-(68)	ng/g	0.00992	0.00077	0.0099	N/A	N/A	N/A	6387256
23'55'-TetraCB-(72)	ng/g	0.0115	0.00083	0.0099	N/A	N/A	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'6-TetraCB-(73)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6387256
33'44'-TetraCB-(77)	ng/g	0.0518	0.00087	0.0099	0.000100	0.00000518	N/A	6387256
33'45-TetraCB-(78)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6387256
33'45'-TetraCB(79)	ng/g	0.0114	0.00073	0.0099	N/A	N/A	N/A	6387256
33'55'-TetraCB-(80)	ng/g	<0.0011 (1)	0.0011	0.0099	N/A	N/A	N/A	6387256
344'5-TetraCB-(81)	ng/g	0.00341	0.00086	0.0099	0.000300	0.00000102	N/A	6387256
22'33'4-PentaCB-(82)	ng/g	0.0633	0.00088	0.0099	N/A	N/A	N/A	6387256
PentaCB-(83)+(99)	ng/g	0.681	0.00075	0.020	N/A	N/A	N/A	6387256
22'33'6-PentaCB-(84)	ng/g	0.0958	0.00081	0.0099	N/A	N/A	N/A	6387256
PentaCB-(85)+(116)+(117)	ng/g	0.217	0.00064	0.030	N/A	N/A	N/A	6387256
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.772	0.00062	0.060	N/A	N/A	N/A	6387256
PentaCB-(88)+(91)	ng/g	0.0666	0.00070	0.020	N/A	N/A	N/A	6387256
22'346'-PentaCB-(89)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6387256
PentaCB-(90)+(101)+(113)	ng/g	2.30	0.00061	0.030	N/A	N/A	N/A	6387256
22'355'-PentaCB-(92)	ng/g	0.448	0.00078	0.0099	N/A	N/A	N/A	6387256
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0109	0.00072	0.040	N/A	N/A	N/A	6387256
22'356'-PentaCB-(94)	ng/g	0.00325	0.00075	0.0099	N/A	N/A	N/A	6387256
22'35'6-PentaCB-(95)	ng/g	0.635	0.00069	0.0099	N/A	N/A	N/A	6387256
22'366'-PentaCB-(96)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6387256
22'45'6-PentaCB-(103)	ng/g	0.00927	0.00067	0.0099	N/A	N/A	N/A	6387256
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6387256
233'44'-PentaCB-(105)	ng/g	0.933	0.00095	0.0099	0.0000300	0.0000280	N/A	6387256
233'45-PentaCB-(106)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6387256
233'4'5-PentaCB-(107)	ng/g	0.205	0.00090	0.0099	N/A	N/A	N/A	6387256
PentaCB-(108)+(124)	ng/g	0.0790	0.00094	0.020	N/A	N/A	N/A	6387256
PentaCB-(110)+(115)	ng/g	1.84	0.00058	0.020	N/A	N/A	N/A	6387256
233'55'-PentaCB-(111)	ng/g	0.00258	0.00053	0.0099	N/A	N/A	N/A	6387256
233'56-PentaCB-(112)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6387256
2344'5-PentaCB-(114)	ng/g	0.0529	0.00095	0.0099	0.0000300	0.00000159	N/A	6387256

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5-PentaCB-(118)	ng/g	2.65	0.00094	0.0099	0.0000300	0.0000795	N/A	6387256
23'455'-PentaCB-(120)	ng/g	<0.0010 (1)	0.0010	0.0099	N/A	N/A	N/A	6387256
23'45'6-PentaCB-(121)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6387256
233'4'5'-PentaCB-(122)	ng/g	0.0225	0.0011	0.0099	N/A	N/A	N/A	6387256
23'44'5'-PentaCB-(123)	ng/g	0.0547	0.0010	0.0099	0.0000300	0.00000164	N/A	6387256
33'44'5-PentaCB-(126)	ng/g	0.00522	0.00090	0.0099	0.100	0.000522	N/A	6387256
33'455'-PentaCB-(127)	ng/g	0.00394	0.00096	0.0099	N/A	N/A	N/A	6387256
HexaCB-(128)+(166)	ng/g	0.431	0.0010	0.020	N/A	N/A	N/A	6387256
HexaCB-(129)+(138)+(163)	ng/g	3.71	0.0011	0.030	N/A	N/A	N/A	6387256
22'33'45'-HexaCB-(130)	ng/g	0.181	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'46-HexaCB-(131)	ng/g	0.0164	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'46'-HexaCB-(132)	ng/g	0.231	0.0012	0.0099	N/A	N/A	N/A	6387256
22'33'55'-HexaCB-(133)	ng/g	0.0557	0.0011	0.0099	N/A	N/A	N/A	6387256
HexaCB-(134)+(143)	ng/g	0.0930	0.0013	0.020	N/A	N/A	N/A	6387256
HexaCB-(135)+(151)	ng/g	0.660	0.0010	0.020	N/A	N/A	N/A	6387256
22'33'66'-HexaCB-(136)	ng/g	0.0575	0.00066	0.0099	N/A	N/A	N/A	6387256
22'344'5-HexaCB-(137)	ng/g	0.0988	0.0013	0.0099	N/A	N/A	N/A	6387256
HexaCB-(139)+(140)	ng/g	0.0148	0.0010	0.020	N/A	N/A	N/A	6387256
22'3455'-HexaCB-(141)	ng/g	0.152 (2)	0.0011	0.0099	N/A	N/A	N/A	6387256
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6387256
22'345'6-HexaCB-(144)	ng/g	0.0536	0.00098	0.0099	N/A	N/A	N/A	6387256
22'3466'-HexaCB-(145)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6387256
22'34'55'-HexaCB-(146)	ng/g	0.576	0.0011	0.0099	N/A	N/A	N/A	6387256
HexaCB-(147)+(149)	ng/g	1.45	0.0010	0.020	N/A	N/A	N/A	6387256
22'34'56'-HexaCB-(148)	ng/g	0.00217	0.00094	0.0099	N/A	N/A	N/A	6387256
22'34'66'-HexaCB-(150)	ng/g	0.00158	0.00062	0.0099	N/A	N/A	N/A	6387256
22'3566'-HexaCB-(152)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6387256
HexaCB-(153)+(168)	ng/g	2.99	0.00092	0.0099	N/A	N/A	N/A	6387256

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'56'-HexaCB-(154)	ng/g	0.0211	0.00082	0.0099	N/A	N/A	N/A	6387256
22'44'66'-HexaCB-(155)	ng/g	0.0032	0.0011	0.0099	N/A	N/A	N/A	6387256
HexaCB-(156)+(157)	ng/g	0.296	0.0011	0.020	0.0000300	0.00000888	N/A	6387256
233'44'6-HexaCB-(158)	ng/g	0.174	0.00079	0.0099	N/A	N/A	N/A	6387256
233'455'-HexaCB-(159)	ng/g	0.0057	0.0011	0.0099	N/A	N/A	N/A	6387256
233'456-HexaCB-(160)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6387256
233'45'6-HexaCB-(161)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6387256
233'4'55'-HexaCB-(162)	ng/g	0.0107	0.0011	0.0099	N/A	N/A	N/A	6387256
233'4'5'6-HexaCB-(164)	ng/g	0.0786	0.00081	0.0099	N/A	N/A	N/A	6387256
233'55'6-HexaCB-(165)	ng/g	0.00316	0.00093	0.0099	N/A	N/A	N/A	6387256
23'44'55'-HexaCB-(167)	ng/g	0.139	0.0010	0.0099	0.0000300	0.00000417	N/A	6387256
33'44'55'-HexaCB-(169)	ng/g	0.0021	0.0011	0.0099	0.0300	0.0000630	N/A	6387256
22'33'44'5-HeptaCB-(170)	ng/g	0.126	0.00091	0.0099	N/A	N/A	N/A	6387256
HeptaCB-(171)+(173)	ng/g	0.0823	0.0012	0.020	N/A	N/A	N/A	6387256
22'33'455'-HeptaCB-(172)	ng/g	0.0267	0.0013	0.0099	N/A	N/A	N/A	6387256
22'33'456'-HeptaCB-(174)	ng/g	0.0702	0.0011	0.0099	N/A	N/A	N/A	6387256
22'33'45'6-HeptaCB-(175)	ng/g	0.0106	0.00048	0.0099	N/A	N/A	N/A	6387256
22'33'466'-HeptaCB-(176)	ng/g	0.0199	0.00035	0.0099	N/A	N/A	N/A	6387256
22'33'45'6'-HeptaCB-(177)	ng/g	0.227	0.0012	0.0099	N/A	N/A	N/A	6387256
22'33'55'6-HeptaCB-(178)	ng/g	0.114	0.00047	0.0099	N/A	N/A	N/A	6387256
22'33'566'-HeptaCB-(179)	ng/g	0.110	0.00035	0.0099	N/A	N/A	N/A	6387256
HeptaCB-(180)+(193)	ng/g	0.466	0.00088	0.020	N/A	N/A	N/A	6387256
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6387256
22'344'56'-HeptaCB-(182)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6387256
22'344'5'6-HeptaCB-(183)	ng/g	0.146	0.0010	0.0099	N/A	N/A	N/A	6387256
22'344'66'-HeptaCB-(184)	ng/g	0.00462	0.00032	0.0099	N/A	N/A	N/A	6387256
22'3455'6-HeptaCB-(185)	ng/g	0.0277	0.0012	0.0099	N/A	N/A	N/A	6387256
22'34566'-HeptaCB-(186)	ng/g	<0.00035	0.00035	0.0099	N/A	N/A	N/A	6387256
22'34'55'6-HeptaCB-(187)	ng/g	0.693	0.00046	0.0099	N/A	N/A	N/A	6387256
22'34'566'-HeptaCB-(188)	ng/g	0.00151	0.00053	0.0099	N/A	N/A	N/A	6387256

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BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'-HeptaCB-(189)	ng/g	0.0123	0.0014	0.0099	0.0000300	0.000000369	N/A	6387256
233'44'56-HeptaCB-(190)	ng/g	0.0555	0.00098	0.0099	N/A	N/A	N/A	6387256
233'44'5'6-HeptaCB-(191)	ng/g	0.0103	0.00098	0.0099	N/A	N/A	N/A	6387256
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6387256
22'33'44'55'-OctaCB-(194)	ng/g	0.0281	0.0018	0.0099	N/A	N/A	N/A	6387256
22'33'44'56-OctaCB-(195)	ng/g	0.0109	0.0019	0.0099	N/A	N/A	N/A	6387256
22'33'44'56'-OctaCB-(196)	ng/g	0.0204	0.00079	0.0099	N/A	N/A	N/A	6387256
22'33'44'66'OctaCB-(197)	ng/g	0.00534	0.00058	0.0099	N/A	N/A	N/A	6387256
OctaCB-(198)+(199)	ng/g	0.0347	0.00076	0.020	N/A	N/A	N/A	6387256
22'33'4566'-OctaCB-(200)	ng/g	0.00283	0.00045	0.0099	N/A	N/A	N/A	6387256
22'33'45'66'-OctaCB-(201)	ng/g	0.0151	0.00056	0.0099	N/A	N/A	N/A	6387256
22'33'55'66'-OctaCB-(202)	ng/g	0.0346	0.00065	0.0099	N/A	N/A	N/A	6387256
22'344'55'6-OctaCB-(203)	ng/g	0.0369	0.00068	0.0099	N/A	N/A	N/A	6387256
22'344'566'-OctaCB-(204)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6387256
233'44'55'6-OctaCB-(205)	ng/g	0.0019	0.0014	0.0099	N/A	N/A	N/A	6387256
22'33'44'55'6-NonaCB-(206)	ng/g	0.00732	0.00099	0.0099	N/A	N/A	N/A	6387256
22'33'44'566'-NonaCB-(207)	ng/g	0.00112	0.00085	0.0099	N/A	N/A	N/A	6387256
22'33'455'66'-NonaCB-(208)	ng/g	0.0029	0.0010	0.0099	N/A	N/A	N/A	6387256
DecaCB-(209)	ng/g	0.00271	0.00067	0.0099	N/A	N/A	N/A	6387256
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000715	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'44'55'6-NonaCB-(206)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'455'66'-NonaCB-(208)	%	137	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'344'55'-HeptaCB-(180)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6387256

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG114						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-18 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'44'66'-HexaCB-(155)	%	85	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'466'-PentaCB-(104)	%	94	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'66'-TetraCB-(54)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'6-TriCB-(19)	%	79	N/A	N/A	N/A	N/A	N/A	6387256
C13-22'-DiCB-(4)	%	68	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'55'-HeptaCB-(189)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'44'-PentaCB-(105)	%	96	N/A	N/A	N/A	N/A	N/A	6387256
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6387256
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6387256
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6387256
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6387256
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'55'-HexaCB-(169)	%	77	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6387256
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-344'-TriCB-(37)	%	86	N/A	N/A	N/A	N/A	N/A	6387256
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6387256
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6387256
C13-DecaCB-(209)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6387256
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6387256

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Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0021	0.0017	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.0464	0.0018	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0046	0.0020	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0026	0.0019	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.0344	0.0018	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0080	0.0023	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0072	0.0027	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.0494	0.0020	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.0318	0.0019	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	0.123	0.0020	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.0075	0.0032	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.0306	0.0029	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.159	0.0027	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0078	0.0028	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.0273	0.0017	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.105	0.0029	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0123	0.0030	0.010	0.000100	0.00000123	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.010	0.000300	0.000000900	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0041	0.0031	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	0.205	0.0027	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.0115	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.0450	0.0022	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0824	0.0022	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.0125	0.0025	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	0.298	0.0022	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.0546	0.0028	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.0644	0.0024	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	0.134	0.0019	0.010	0.0000300	0.00000402	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.0334	0.0017	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0083	0.0019	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	0.241	0.0023	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0071	0.0019	0.010	0.0000300	0.000000213	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	0.371	0.0019	0.010	0.0000300	0.0000111	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.010	0.100	0.000180	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.0703	0.0031	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	0.573	0.0034	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.0214	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.0341	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0130	0.0035	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.0778	0.0014	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.00442	0.00093	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.0186	0.0035	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.0339	0.0034	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.0974	0.0031	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	0.140	0.0031	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	0.505	0.0027	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0047	0.0011	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.0441	0.0036	0.020	0.0000300	0.00000132	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.0273	0.0024	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0166	0.0027	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.0201	0.0034	0.010	0.0000300	0.000000603	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.010	0.0300	0.000105	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.0325	0.0036	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0093	0.0046	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0101	0.0049	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0172	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.0279	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0241	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0100	0.0014	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.0957	0.0035	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.0268	0.0043	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.110	0.0018	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	<0.0059	0.0059	0.010	0.0000300	0.000000177	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0092	0.0038	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0101	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0150	0.0053	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0075	0.0047	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0074	0.0050	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000305	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	45	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	98	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG124						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0079	0.0022	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0115	0.0025	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0109	0.0032	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0097	0.0038	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0295	0.0037	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0469	0.0029	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.132	0.0024	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.493	0.0020	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0474	0.0020	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0762	0.0023	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0297	0.0021	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0648	0.0021	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0129	0.0020	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.448	0.0021	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0198	0.0019	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0716	0.0026	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	0.0062	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.241	0.0043	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.339	0.0053	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0449	0.0066	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	1.59	0.0039	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0241	0.0041	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.169	0.0043	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	1.12	0.0038	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0254	0.0039	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	3.34	0.0040	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.376	0.0074	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.104	0.0031	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.405	0.0068	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.46	0.0064	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.103	0.0064	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.682	0.0034	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	2.14	0.0066	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0149	0.0057	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0218	0.0058	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0355	0.0062	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	0.0054	0.0029	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.131	0.0070	0.010	0.000100	0.0000131	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0539	0.0057	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0069	0.0069	0.010	0.000300	0.00000207	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.264	0.0027	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	4.89	0.0024	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.581	0.0026	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.934	0.0019	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.82	0.0020	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.491	0.0022	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	6.27	0.0020	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	1.24	0.0025	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0424	0.0022	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	0.0087	0.0024	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	2.51	0.0021	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	0.00121	0.00050	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0354	0.0020	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	2.54	0.0028	0.010	0.0000300	0.0000762	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.560	0.0025	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.181	0.0028	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	6.84	0.0020	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0078	0.0017	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.151	0.0028	0.010	0.0000300	0.00000453	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	7.21	0.0028	0.010	0.0000300	0.000216	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0051	0.0018	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0480	0.0031	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0786	0.0030	0.010	0.0000300	0.00000236	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.011 (1)	0.011	0.010	0.100	0.00110	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0114	0.0027	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	1.10	0.0053	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	8.44	0.0058	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.419	0.0067	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0520	0.0070	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.962	0.0064	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.121	0.0060	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.203	0.0066	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	1.35	0.0012	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.193	0.00080	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.320	0.0059	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0973	0.0055	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.569	0.0058	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.141	0.0012	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	1.15	0.0053	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	3.42	0.0053	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0068	0.0011	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.00276	0.00070	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	6.86	0.0047	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0692	0.00098	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0067	0.0013	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.770	0.0036	0.020	0.0000300	0.0000231	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.585	0.0042	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0146	0.0040	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0292	0.0037	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.312	0.0046	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.294	0.0035	0.010	0.0000300	0.00000882	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0036	0.0036	0.010	0.0300	0.000108	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.452	0.0023	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.193	0.0029	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0933	0.0032	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.219	0.0026	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0214	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0369	0.0010	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.384	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.184	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.170	0.00098	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	1.35	0.0022	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	0.0073	0.0028	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.427	0.0028	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.00827	0.00090	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	1.08	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0236	0.0055	0.010	0.0000300	0.000000708	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.127	0.0025	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0312	0.0024	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.108	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0456	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0734	0.0069	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	0.0084	0.0042	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.126	0.0065	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	0.0063	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0242	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0605	0.0057	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.102	0.0061	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	0.0060	0.0018	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0215	0.0045	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0062	0.0047	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	0.0062	0.0021	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00155	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	111	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	107	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	120	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	82	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	73	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	46	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	130	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6360913

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BV Labs ID		KQG129						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	39	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	50	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6360913

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0051	0.0016	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0052	0.0017	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0060 (1)	0.0060	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0051	0.0025	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0178	0.0018	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0184	0.0015	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0684	0.0012	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.267	0.0018	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0222	0.0018	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0287	0.0020	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0084	0.0018	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0218	0.0019	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.00562	0.00099	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.215	0.0018	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0137	0.00097	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG139						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0216	0.0023	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	0.0037	0.0019	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.161	0.0038	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.145	0.0047	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0230	0.0058	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.820	0.0035	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0145	0.0036	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0685	0.0038	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.588	0.0034	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0157	0.0035	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	1.35	0.0035	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.114	0.0033	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0552	0.0028	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.235	0.0031	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.83	0.0028	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0645	0.0029	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.320	0.0030	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	1.10	0.0030	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0069	0.0025	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0196	0.0026	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0188	0.0028	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0679	0.0031	0.010	0.000100	0.00000679	N/A	6360913

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	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0311	0.0026	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.010	0.000300	0.000000930	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.124	0.0036	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	3.82	0.0032	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.240	0.0033	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.738	0.0025	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.62	0.0026	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.285	0.0029	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	3.86	0.0026	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.676	0.0032	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0517	0.0029	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	0.0058	0.0031	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	1.30	0.0028	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	0.00185	0.00056	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0179	0.0026	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.83	0.0031	0.010	0.0000300	0.0000549	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.343	0.0028	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0982	0.0031	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	3.69	0.0026	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0072	0.0023	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.105	0.0032	0.010	0.0000300	0.00000315	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	5.39	0.0031	0.010	0.0000300	0.000162	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0064	0.0024	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0270	0.0035	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG139						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0402	0.0034	0.010	0.0000300	0.00000121	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0070 (1)	0.0070	0.010	0.100	0.000700	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0094	0.0030	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.820	0.0054	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	6.38	0.0059	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.242	0.0068	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0236	0.0071	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.541	0.0065	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0886	0.0062	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0529	0.0068	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.859	0.0024	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.120	0.0017	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.253	0.0061	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0595	0.0056	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.252	0.0059	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0784	0.0025	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.827	0.0054	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	2.05	0.0054	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0047 (1)	0.0047	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.0025	0.0015	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	5.50	0.0048	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0463	0.0020	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0071	0.0026	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.529	0.0026	0.020	0.0000300	0.0000159	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.387	0.0043	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6360913

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BV Labs ID		KQG139						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0186	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.123	0.0047	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.219	0.0025	0.010	0.0000300	0.00000657	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.010	0.0300	0.0000780	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.288	0.0032	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.132	0.0041	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0520	0.0044	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.119	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0137	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0276	0.0015	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.242	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.151	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.139	0.0014	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.877	0.0031	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0049 (1)	0.0049	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.311	0.0038	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0082	0.0013	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.852	0.0018	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	<0.016 (1)	0.016	0.010	0.0000300	0.000000480	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0808	0.0034	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0175	0.0033	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0702	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0240	0.0037	0.010	N/A	N/A	N/A	6360913

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG139						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.0485	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0847	0.0037	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	0.0049	0.0027	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0208	0.0026	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0564	0.0033	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0674	0.0035	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0187	0.0048	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0077	0.0050	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00103	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	117	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	128	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	115	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	128	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	132	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG139						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	51	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0143	0.0027	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.0946	0.0023	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0043	0.0023	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0105	0.0025	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0054	0.0024	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.0666	0.0022	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0171	0.0030	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0278	0.0025	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0363	0.0030	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0057	0.0028	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.192	0.0023	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0089	0.0025	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.125	0.0023	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0026	0.0024	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	0.409	0.0024	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.0414	0.0024	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0115	0.0018	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.0620	0.0022	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.489	0.0021	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0155	0.0021	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.0710	0.0020	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.273	0.0021	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0050	0.0022	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0052	0.0022	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0292	0.0024	0.010	0.000100	0.00000292	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0085	0.0019	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0458	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	0.711	0.0026	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.0825	0.0027	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.137	0.0020	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.425	0.0021	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.0641	0.0024	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	1.07	0.0021	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.194	0.0026	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.404	0.0023	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	<0.0045 (1)	0.0045	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	0.452	0.0023	0.010	0.0000300	0.0000136	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.0889	0.0019	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0358	0.0022	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	1.05	0.0020	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0230	0.0023	0.010	0.0000300	0.000000690	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	1.23	0.0023	0.010	0.0000300	0.0000369	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0128	0.0025	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0160	0.0025	0.010	0.0000300	0.000000480	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.010	0.100	0.000220	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.200	0.0035	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	1.61	0.0039	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.0825	0.0045	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0102	0.0048	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.175	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0231	0.0041	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0209	0.0046	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.289	0.0017	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0424	0.0012	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.0566	0.0051	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0161	0.0039	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.0702	0.0039	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0266	0.0017	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.212	0.0037	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	0.616	0.0037	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	1.20	0.0031	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0123	0.0014	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0020	0.0018	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.143	0.0027	0.020	0.0000300	0.00000429	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.109	0.0028	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0048	0.0028	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0432	0.0026	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.0572	0.0026	0.010	0.0000300	0.00000172	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.010	0.0300	0.0000810	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.0605	0.0034	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0366	0.0043	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0114	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0187	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0090	0.0013	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.0900	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0419	0.0017	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0450	0.0012	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.200	0.0032	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.0799	0.0042	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0027	0.0011	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.232	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	<0.0055 (1)	0.0055	0.010	0.0000300	0.000000165	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0232	0.0035	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0177	0.0035	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0058	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0078	0.0054	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0141	0.0053	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0048	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0140	0.0046	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0134	0.0048	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000362	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	74	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	61	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG142						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	0.0036	0.0021	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0069	0.0021	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0043 (1)	0.0043	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0124	0.0028	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0115	0.0025	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0240	0.0021	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0549	0.0017	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.626	0.0026	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0361	0.0025	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0760	0.0028	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0268	0.0025	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0445	0.0026	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0071	0.0014	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.457	0.0025	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0112	0.0014	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0734	0.0033	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	0.0049	0.0026	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.142	0.0024	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.262	0.0029	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0354	0.0027	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	1.35	0.0022	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0046	0.0024	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.106	0.0024	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.868	0.0022	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	3.11	0.0023	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.346	0.0034	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	0.0036	0.0032	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0767	0.0018	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.342	0.0031	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	3.55	0.0030	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.123	0.0030	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.663	0.0019	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	2.29	0.0030	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0097	0.0026	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0230	0.0032	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0403	0.0031	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	0.0065	0.0019	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.161	0.0034	0.010	0.000100	0.0000161	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0569	0.0027	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0071	0.0034	0.010	0.000300	0.00000213	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.186	0.0033	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	4.91	0.0029	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.419	0.0031	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.941	0.0023	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.50	0.0024	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.545	0.0027	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	6.67	0.0024	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	1.39	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0436	0.0027	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	0.0059	0.0029	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	2.13	0.0026	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0303	0.0025	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	2.69	0.0029	0.010	0.0000300	0.0000807	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.535	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.195	0.0028	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	6.72	0.0023	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0056	0.0021	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.156	0.0029	0.010	0.0000300	0.00000468	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	7.88	0.0029	0.010	0.0000300	0.000236	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0564	0.0031	0.010	N/A	N/A	N/A	6360913

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	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0732	0.0031	0.010	0.0000300	0.00000220	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	0.0095	0.0028	0.010	0.100	0.000950	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0145	0.0027	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	1.08	0.0043	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	7.96	0.0049	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.383	0.0056	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0398	0.0059	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.984	0.0053	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.112	0.0051	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.108	0.0056	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	1.51	0.0022	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.135	0.0016	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.421	0.0063	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0614	0.0048	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.642	0.0048	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.102	0.0022	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	1.06	0.0045	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	3.20	0.0045	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0035	0.0022	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.0039	0.0015	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	5.39	0.0039	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0466	0.0018	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.759	0.0045	0.020	0.0000300	0.0000228	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.459	0.0034	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0137	0.0048	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0223	0.0046	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.277	0.0032	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.290	0.0043	0.010	0.0000300	0.00000870	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0045	0.0045	0.010	0.0300	0.000135	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.430	0.0035	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.167	0.0045	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0958	0.0047	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.309	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0158	0.0018	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0376	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.381	0.0045	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.172	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.198	0.0013	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	1.14	0.0033	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	0.0065	0.0042	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.338	0.0043	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0028	0.0012	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.995	0.0017	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0269	0.0037	0.010	0.0000300	0.000000807	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.110	0.0036	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0250	0.0035	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.121	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0340	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0601	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	0.0059	0.0025	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0880	0.0032	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	0.0104	0.0021	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0194	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0428	0.0028	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0625	0.0030	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0139	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00146	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	85	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	63	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6360913

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BV Labs ID		KQG144						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	49	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	95	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0058	0.0033	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0052	0.0021	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0043	0.0018	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0232	0.0015	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.115	0.0030	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0079	0.0030	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0134	0.0033	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0076	0.0031	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0020	0.0012	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.0837	0.0029	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0019	0.0012	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0175	0.0039	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0344	0.0030	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0354	0.0036	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0069	0.0033	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.221	0.0027	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0219	0.0030	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.123	0.0027	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	0.444	0.0029	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.0462	0.0027	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0128	0.0022	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.0747	0.0025	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.618	0.0024	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0183	0.0024	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.0747	0.0023	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.348	0.0024	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0059	0.0025	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.0321	0.0027	0.010	0.000100	0.00000321	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0091	0.0021	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.010	0.000300	0.000000780	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0437	0.0033	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	0.864	0.0029	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.0848	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.193	0.0023	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.412	0.0024	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.0619	0.0027	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	1.15	0.0024	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.210	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0090	0.0027	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.415	0.0026	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0046	0.0025	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	0.540	0.0030	0.010	0.0000300	0.0000162	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.105	0.0025	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0422	0.0029	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	0.997	0.0022	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0300	0.0030	0.010	0.0000300	0.000000900	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	1.42	0.0029	0.010	0.0000300	0.0000426	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0119	0.0032	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0202	0.0032	0.010	0.0000300	0.000000606	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0028	0.0028	0.010	0.100	0.000280	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.235	0.0045	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	2.03	0.0050	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.0977	0.0058	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0094	0.0061	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.149	0.0055	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0303	0.0053	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0252	0.0058	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.324	0.0018	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0360	0.0013	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.0698	0.0065	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0198	0.0050	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.0741	0.0050	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0231	0.0018	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.281	0.0047	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	0.642	0.0047	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	1.60	0.0040	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0125	0.0015	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0034	0.0019	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.162	0.0037	0.020	0.0000300	0.00000486	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.102	0.0035	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0074	0.0038	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0359	0.0033	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.0729	0.0036	0.010	0.0000300	0.00000219	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.010	0.0300	0.000111	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.0709	0.0027	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0398	0.0034	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0152	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0284	0.0029	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0048	0.0025	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0099	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.112	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0630	0.0025	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0503	0.0018	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.264	0.0025	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.109	0.0033	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0051	0.0017	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.327	0.0023	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	<0.0057 (1)	0.0057	0.010	0.0000300	0.000000171	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0282	0.0027	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0055	0.0027	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0265	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0065	0.0042	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.0109	0.0058	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0201	0.0056	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0075	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0210	0.0049	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0187	0.0051	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000463	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	78	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	107	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	106	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG145						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	108	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	48	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	104	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0071	0.0022	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0061 (1)	0.0061	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0098	0.0029	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0122	0.0023	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0237	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0461	0.0016	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.441	0.0015	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0333	0.0015	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0503	0.0016	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0089	0.0015	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0255	0.0016	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0044	0.0014	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.269	0.0015	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0070	0.0013	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0633	0.0020	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	0.0048	0.0015	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0967	0.0021	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.121	0.0026	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0211	0.0023	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.804	0.0020	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0063	0.0021	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.114	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.671	0.0019	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0025 (1)	0.0025	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	1.75	0.0021	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.176	0.0028	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0567	0.0016	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.265	0.0026	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.42	0.0025	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0664	0.0025	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.398	0.0017	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	1.36	0.0025	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0065	0.0022	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0167	0.0026	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0206	0.0026	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	0.0039	0.0017	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.0748	0.0028	0.010	0.000100	0.00000748	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0260	0.0022	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0028	0.0028	0.010	0.000300	0.000000840	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0997	0.0021	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	3.77	0.0019	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.272	0.0020	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.802	0.0015	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.56	0.0015	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.336	0.0017	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	4.41	0.0015	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.709	0.0019	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0339	0.0017	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	1.28	0.0017	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0233	0.0016	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.73	0.0031	0.010	0.0000300	0.0000519	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.333	0.0026	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.109	0.0030	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	3.47	0.0015	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0050	0.0013	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.103	0.0031	0.010	0.0000300	0.00000309	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	4.85	0.0031	0.010	0.0000300	0.000146	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0033	0.0013	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0270	0.0033	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0548	0.0034	0.010	0.0000300	0.00000164	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0039 (1)	0.0039	0.010	0.100	0.000390	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0092	0.0029	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.743	0.0042	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	6.96	0.0047	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.295	0.0054	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0218	0.0057	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.573	0.0051	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.116	0.0049	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0512	0.0055	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.871	0.0022	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0971	0.0016	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.278	0.0061	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0582	0.0047	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.393	0.0047	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0862	0.0022	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	1.04	0.0044	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	2.14	0.0044	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0050	0.0021	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.0029	0.0015	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	5.57	0.0038	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0535	0.0018	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0089	0.0023	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.515	0.0026	0.020	0.0000300	0.0000155	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.382	0.0033	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0103	0.0028	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0186	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.155	0.0031	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	0.0045	0.0039	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.184	0.0025	0.010	0.0000300	0.00000552	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.010	0.0300	0.0000780	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.382	0.0032	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.132	0.0041	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0989	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.193	0.0035	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0172	0.0015	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0232	0.0011	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.324	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.209	0.0015	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.124	0.0010	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	1.16	0.0031	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	0.0062	0.0039	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.351	0.0039	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.00786	0.00099	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	1.15	0.0014	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0195	0.0015	0.010	0.0000300	0.000000585	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.102	0.0033	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0222	0.0032	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0779	0.0042	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0442	0.0045	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.0918	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	<0.0087 (1)	0.0087	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.187	0.0019	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	0.0113	0.0012	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	<0.022 (1)	0.022	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0587	0.0016	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.119	0.0017	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0231	0.0031	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	0.0059	0.0027	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0101	0.0032	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	0.0061	0.0013	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000701	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	119	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	182 (2)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	251 (3)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	155 (2)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	227 (2)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	248 (2)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Internal standard recovery is outside method limits, possibly due to matrix effects.

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG146						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	233 (1)	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	120	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	110	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	116	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	119	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	123	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	118	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	113	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	114	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	116	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	117	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	200 (1)	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	113	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0046	0.0022	0.0099	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0063	0.0028	0.0099	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0047	0.0026	0.0099	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0035	0.0022	0.0099	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0166	0.0018	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.172	0.0017	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0109	0.0016	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0207	0.0018	0.0099	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	<0.0023 (1)	0.0023	0.0099	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0065	0.0017	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.121	0.0016	0.0099	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	<0.0030 (1)	0.0030	0.0099	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0316	0.0022	0.0099	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0313	0.0020	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0265	0.0025	0.0099	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0061	0.0023	0.0099	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.170	0.0019	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0163	0.0021	0.0099	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.0785	0.0019	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	0.338	0.0020	0.0099	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.0334	0.0018	0.0099	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0076	0.0015	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.107	0.0016	0.0099	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.659	0.0016	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0215	0.0016	0.0099	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.0818	0.0016	0.0099	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.470	0.0016	0.0099	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0044	0.0016	0.0099	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0324	0.0017	0.0099	0.000100	0.00000324	N/A	6360913

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0079	0.0014	0.0099	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0099	0.000300	0.000000510	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	0.797	0.0018	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.0502	0.0018	0.0099	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.157	0.0014	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.314	0.0014	0.059	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.0558	0.0016	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	0.927	0.0014	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.152	0.0017	0.0099	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.224	0.0016	0.0099	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0029	0.0015	0.0099	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	0.496	0.0019	0.0099	0.0000300	0.0000149	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.0807	0.0016	0.0099	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0256	0.0018	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	0.753	0.0014	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0297	0.0019	0.0099	0.0000300	0.000000891	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	1.29	0.0019	0.0099	0.0000300	0.0000387	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0074	0.0020	0.0099	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0134	0.0020	0.0099	0.0000300	0.000000402	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.203	0.0020	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	1.54	0.0022	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.0611	0.0026	0.0099	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	<0.0063 (1)	0.0063	0.0099	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.118	0.0024	0.0099	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0251	0.0023	0.0099	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0158	0.0026	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.214	0.0016	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0199	0.0011	0.0099	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.0716	0.0029	0.0099	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0094	0.0022	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.0825	0.0022	0.0099	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0130	0.0016	0.0099	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.217	0.0021	0.0099	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	0.517	0.0021	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	1.13	0.0018	0.0099	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0092	0.0013	0.0099	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.144	0.0030	0.020	0.0000300	0.00000432	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.0643	0.0016	0.0099	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0066	0.0030	0.0099	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0358	0.0015	0.0099	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.0546	0.0029	0.0099	0.0000300	0.00000164	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.0099	0.0300	0.0000900	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.0746	0.0030	0.0099	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0326	0.0039	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0198	0.0041	0.0099	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0411	0.0033	0.0099	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0038	0.0023	0.0099	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0066	0.0017	0.0099	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.0820	0.0039	0.0099	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0490	0.0023	0.0099	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0370	0.0017	0.0099	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.252	0.0029	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.0554	0.0037	0.0099	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.260	0.0021	0.0099	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0053	0.0016	0.0099	0.0000300	0.000000159	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0242	0.0031	0.0099	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0048	0.0030	0.0099	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0270	0.0031	0.0099	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0073	0.0033	0.0099	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.0156	0.0039	0.0099	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0275	0.0038	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0057	0.0027	0.0099	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0169	0.0033	0.0099	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0186	0.0034	0.0099	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0052	0.0016	0.0099	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000335	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	76	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	115	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG147						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	111	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	113	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	44	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	107	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	110	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	108	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0096	0.0020	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0080	0.0025	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0062	0.0020	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0063	0.0017	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0219	0.0014	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.268	0.0013	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0150	0.0013	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0298	0.0014	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0051	0.0013	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0140	0.0013	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	0.0021	0.0012	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.187	0.0012	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0063	0.0011	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0487	0.0017	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0790	0.0019	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0649	0.0023	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0157	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.530	0.0018	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0504	0.0019	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.248	0.0017	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	1.25	0.0019	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00048	0.00048	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.114	0.0023	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0285	0.0014	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.209	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.94	0.0021	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0569	0.0021	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.261	0.0015	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	1.29	0.0021	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0084	0.0021	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0174	0.0021	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0660	0.0023	0.010	0.000100	0.00000660	N/A	6360913
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0288	0.0018	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0038	0.0023	0.010	0.000300	0.00000114	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0641	0.0026	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	2.54	0.0023	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.226	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.468	0.0018	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.15	0.0019	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.245	0.0021	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	3.41	0.0019	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.666	0.0023	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0219	0.0021	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.869	0.0021	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00038	0.00038	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0128	0.0019	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.45	0.0023	0.010	0.0000300	0.0000435	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.248	0.0019	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.104	0.0022	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	3.14	0.0018	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0021	0.0016	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0837	0.0023	0.010	0.0000300	0.00000251	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	4.11	0.0022	0.010	0.0000300	0.000123	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0255	0.0024	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0723	0.0024	0.010	0.0000300	0.00000217	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0028	0.0021	0.010	0.100	0.000280	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.482	0.0033	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	3.80	0.0038	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.171	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0214	0.0046	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.376	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0612	0.0039	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0524	0.0044	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.682	0.0014	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0552	0.00099	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.184	0.0049	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0286	0.0037	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.298	0.0037	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0438	0.0014	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.535	0.0035	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	1.64	0.0035	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	2.39	0.0030	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0245	0.0011	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.394	0.0021	0.020	0.0000300	0.0000118	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.200	0.0026	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0045	0.0022	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0139	0.0022	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.114	0.0025	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.149	0.0020	0.010	0.0000300	0.00000447	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.010	0.0300	0.0000630	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.162	0.0024	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0604	0.0030	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0395	0.0032	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0864	0.0026	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0063	0.0010	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0130	0.00076	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.150	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0846	0.0010	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0812	0.00072	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.482	0.0022	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.106	0.0029	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	<0.0021 (1)	0.0021	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.471	0.00093	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0118	0.0021	0.010	0.0000300	0.000000354	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0486	0.0024	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0089	0.0024	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0488	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0088	0.0042	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0205	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'44'66'OctaCB-(197)	ng/g	0.0042	0.0018	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0254	0.0023	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0019 (1)	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0098	0.0017	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0232	0.0021	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0239	0.0021	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0057	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000539	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	82	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	79	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	82	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG170						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	102	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0031	0.0021	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0088	0.0014	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.0454	0.0020	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0039	0.0020	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0061	0.0022	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0030	0.0021	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.0317	0.0019	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0071	0.0026	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0138	0.0025	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0137	0.0031	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.101	0.0024	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0073	0.0026	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.0543	0.0023	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	0.196	0.0025	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.0187	0.0021	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0060	0.0019	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.0405	0.0019	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.233	0.0019	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0104	0.0019	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.0344	0.0020	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.148	0.0019	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0030	0.0019	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0034	0.0019	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0100	0.0021	0.010	0.000100	0.00000100	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0035	0.0017	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.010	0.000300	0.000000600	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0152	0.0024	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	0.567	0.0021	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.0218	0.0022	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.133	0.0017	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.166	0.0017	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.0293	0.0020	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	0.571	0.0017	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.112	0.0021	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0052	0.0020	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.142	0.0019	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	0.317	0.0022	0.010	0.0000300	0.00000951	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.0671	0.0019	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0187	0.0021	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	0.404	0.0016	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0162	0.0022	0.010	0.0000300	0.000000486	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	0.809	0.0022	0.010	0.0000300	0.0000243	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0042	0.0024	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0107	0.0024	0.010	0.0000300	0.000000321	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.010	0.100	0.000210	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.185	0.0029	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	1.56	0.0033	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.0588	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.0790	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0263	0.0034	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0141	0.0038	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.187	0.0011	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0129	0.00077	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.0619	0.0043	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0114	0.0033	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.0729	0.0032	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0104	0.0011	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.230	0.0031	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	0.319	0.0030	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	1.39	0.0026	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0110	0.00089	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0026	0.0011	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.117	0.0027	0.020	0.0000300	0.00000351	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.0637	0.0023	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0072	0.0027	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.0243	0.0022	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.0527	0.0026	0.010	0.0000300	0.00000158	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.010	0.0300	0.0000810	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.0970	0.0034	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.0310	0.0043	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	<0.021 (1)	0.021	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0353	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0056	0.0014	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.0713	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.0591	0.0019	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0296	0.0013	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.301	0.0032	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.0913	0.0041	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0026	0.0012	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.309	0.0017	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0052	0.0018	0.010	0.0000300	0.000000156	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0225	0.0035	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0357	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0088	0.0039	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0148	0.0038	0.010	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0358	0.0037	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0053	0.0027	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0190	0.0033	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0247	0.0034	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0079	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000332	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	88	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	84	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	85	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	51	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	87	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	96	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	105	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	103	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	100	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0044	0.0016	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0064	0.0027	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0066	0.0033	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0046	0.0040	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0126	0.0040	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0134	0.0031	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0512	0.0025	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.220	0.0020	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0220	0.0020	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0349	0.0022	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0092	0.0020	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0255	0.0021	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.203	0.0020	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	0.0075	0.0021	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0319	0.0026	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.0843	0.0026	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.0836	0.0032	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0195	0.0040	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.523	0.0024	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0080	0.0025	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0342	0.0026	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.291	0.0023	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0087	0.0024	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	1.09	0.0025	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.104	0.0027	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0323	0.0019	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.205	0.0025	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.33	0.0023	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0470	0.0023	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.193	0.0021	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	0.846	0.0024	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0057	0.0020	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0202	0.0021	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0150	0.0022	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0678	0.0025	0.010	0.000100	0.00000678	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0204	0.0021	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0029	0.0025	0.010	0.000300	0.000000870	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.0810	0.0037	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	2.27	0.0033	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.155	0.0035	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.441	0.0026	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.895	0.0027	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.135	0.0031	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	2.52	0.0027	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.507	0.0034	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0219	0.0031	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	0.849	0.0029	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0116	0.0028	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.20	0.0039	0.010	0.0000300	0.0000360	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.269	0.0035	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.0800	0.0038	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	2.26	0.0028	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0048	0.0024	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0707	0.0039	0.010	0.0000300	0.00000212	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	3.17	0.0039	0.010	0.0000300	0.0000951	N/A	6360913
23'455'-PentaCB-(120)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
233'4'5'-PentaCB-(122)	ng/g	0.0233	0.0043	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0363	0.0042	0.010	0.0000300	0.00000109	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	0.0095	0.0037	0.010	0.100	0.000950	N/A	6360913
33'455'-PentaCB-(127)	ng/g	0.0061	0.0037	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.599	0.0046	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	5.03	0.0051	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.182	0.0059	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0179	0.0061	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.352	0.0056	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0858	0.0053	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0417	0.0058	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	0.726	0.0016	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.0715	0.0011	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.142	0.0052	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0403	0.0048	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.213	0.0051	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.0565	0.0017	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.753	0.0046	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	1.33	0.0046	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	0.0054	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	4.91	0.0041	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0464	0.0014	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0111	0.0017	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.357	0.0025	0.020	0.0000300	0.0000107	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.265	0.0037	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
233'45'6-HexaCB-(161)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0212	0.0026	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.130	0.0040	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.151	0.0024	0.010	0.0000300	0.00000453	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.236	0.0023	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.105	0.0030	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0541	0.0032	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.0782	0.0027	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0120	0.0022	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0192	0.0016	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.191	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.141	0.0022	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.0985	0.0015	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.799	0.0023	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.255	0.0028	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0085	0.0014	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.714	0.0020	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0167	0.0032	0.010	0.0000300	0.000000501	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0640	0.0025	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0158	0.0024	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0639	0.0051	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	<0.023 (1)	0.023	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0464	0.0027	0.010	N/A	N/A	N/A	6360913

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0081	0.0016	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0904	0.0025	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0195	0.0018	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0526	0.0022	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0715	0.0024	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0182	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0076	0.0045	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	0.0060	0.0019	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00118	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	136	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	143 (2)	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	124	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	117	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	139	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	86	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	63	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	111	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	155 (2)	N/A	N/A	N/A	N/A	N/A	6360913

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(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'-PentaCB-(105)	%	114	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	110	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'55'-HexaCB-(167)	%	102	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	109	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	117	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	115	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	97	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	107	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	108	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	127	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
3-MonoCB-(2)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6360913
4-MonoCB-(3)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6360913
22'-DiCB-(4)	ng/g	0.0042	0.0014	0.010	N/A	N/A	N/A	6360913
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,3'-DiCB-(6)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,4'-DiCB-(8)	ng/g	0.0072	0.0019	0.010	N/A	N/A	N/A	6360913
2,5-DiCB-(9)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2,6-DiCB-(10)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6360913
3,3'-DiCB-(11)	ng/g	0.0080	0.0021	0.010	N/A	N/A	N/A	6360913
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6360913
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
4,4'-DiCB-(15)	ng/g	0.0125	0.0026	0.010	N/A	N/A	N/A	6360913
22'3-TriCB-(16)	ng/g	0.0134	0.0028	0.010	N/A	N/A	N/A	6360913
22'4-TriCB-(17)	ng/g	0.0117	0.0023	0.010	N/A	N/A	N/A	6360913
TriCB-(18)+(30)	ng/g	0.0578	0.0019	0.020	N/A	N/A	N/A	6360913
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
TriCB-(20) + (28)	ng/g	0.456	0.0017	0.020	N/A	N/A	N/A	6360913
TriCB-(21)+(33)	ng/g	0.0243	0.0017	0.020	N/A	N/A	N/A	6360913
234'-TriCB-(22)	ng/g	0.0469	0.0019	0.010	N/A	N/A	N/A	6360913
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
23'4-TriCB-(25)	ng/g	0.0125	0.0017	0.010	N/A	N/A	N/A	6360913
TriCB-(26)+(29)	ng/g	0.0360	0.0018	0.020	N/A	N/A	N/A	6360913
23'6-TriCB-(27)	ng/g	<0.0053 (1)	0.0053	0.010	N/A	N/A	N/A	6360913
24'5-TriCB-(31)	ng/g	0.341	0.0017	0.010	N/A	N/A	N/A	6360913
24'6-TriCB-(32)	ng/g	<0.0045 (1)	0.0045	0.010	N/A	N/A	N/A	6360913
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6360913
344'-TriCB-(37)	ng/g	0.0535	0.0022	0.010	N/A	N/A	N/A	6360913
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6360913
TetraCB-(40)+(41)+(71)	ng/g	0.102	0.0035	0.030	N/A	N/A	N/A	6360913
22'34'-TetraCB-(42)	ng/g	0.173	0.0042	0.010	N/A	N/A	N/A	6360913
22'35-TetraCB-(43)	ng/g	0.0267	0.0039	0.010	N/A	N/A	N/A	6360913
TetraCB-(44)+(47)+(65)	ng/g	0.992	0.0032	0.030	N/A	N/A	N/A	6360913
TetraCB-(45)+(51)	ng/g	0.0102	0.0035	0.020	N/A	N/A	N/A	6360913
22'36'-TetraCB-(46)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6360913
22'45-TetraCB-(48)	ng/g	0.0314	0.0035	0.010	N/A	N/A	N/A	6360913
TetraCB-(49)+TetraCB-(69)	ng/g	0.792	0.0032	0.020	N/A	N/A	N/A	6360913
TetraCB-(50)+(53)	ng/g	0.0139	0.0033	0.020	N/A	N/A	N/A	6360913
22'55'-TetraCB-(52)	ng/g	2.62	0.0034	0.010	N/A	N/A	N/A	6360913
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6360913
233'4-TetraCB-(55)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
233'4'-Tetra CB(56)	ng/g	0.160	0.0033	0.010	N/A	N/A	N/A	6360913
233'5-TetraCB-(57)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
233'5'-TetraCB-(58)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
TetraCB-(59)+(62)+(75)	ng/g	0.0472	0.0026	0.030	N/A	N/A	N/A	6360913
2344'-TetraCB -(60)	ng/g	0.217	0.0030	0.010	N/A	N/A	N/A	6360913
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.49	0.0029	0.040	N/A	N/A	N/A	6360913
234'5-TetraCB-(63)	ng/g	0.0739	0.0029	0.010	N/A	N/A	N/A	6360913
234'6-TetraCB-(64)	ng/g	0.356	0.0028	0.010	N/A	N/A	N/A	6360913
23'44'-TetraCB-(66)	ng/g	1.35	0.0029	0.010	N/A	N/A	N/A	6360913
23'45-TetraCB-(67)	ng/g	0.0089	0.0025	0.010	N/A	N/A	N/A	6360913
23'45'-TetraCB-(68)	ng/g	0.0298	0.0031	0.010	N/A	N/A	N/A	6360913
23'55'-TetraCB-(72)	ng/g	0.0349	0.0030	0.010	N/A	N/A	N/A	6360913
23'5'6-TetraCB-(73)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6360913
33'44'-TetraCB-(77)	ng/g	0.0815	0.0033	0.010	0.000100	0.00000815	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
33'45'-TetraCB(79)	ng/g	0.0442	0.0026	0.010	N/A	N/A	N/A	6360913
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6360913
344'5-TetraCB-(81)	ng/g	0.0036	0.0032	0.010	0.000300	0.00000108	N/A	6360913
22'33'4-PentaCB-(82)	ng/g	0.157	0.0033	0.010	N/A	N/A	N/A	6360913
PentaCB-(83)+(99)	ng/g	3.26	0.0029	0.020	N/A	N/A	N/A	6360913
22'33'6-PentaCB-(84)	ng/g	0.466	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(85)+(116)+(117)	ng/g	0.578	0.0023	0.030	N/A	N/A	N/A	6360913
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.91	0.0024	0.060	N/A	N/A	N/A	6360913
PentaCB-(88)+(91)	ng/g	0.349	0.0027	0.020	N/A	N/A	N/A	6360913
22'346'-PentaCB-(89)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
PentaCB-(90)+(101)+(113)	ng/g	4.82	0.0024	0.030	N/A	N/A	N/A	6360913
22'355'-PentaCB-(92)	ng/g	0.948	0.0029	0.010	N/A	N/A	N/A	6360913
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0399	0.0027	0.040	N/A	N/A	N/A	6360913
22'356'-PentaCB-(94)	ng/g	<0.0065 (1)	0.0065	0.010	N/A	N/A	N/A	6360913
22'35'6-PentaCB-(95)	ng/g	2.09	0.0026	0.010	N/A	N/A	N/A	6360913
22'366'-PentaCB-(96)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6360913
22'45'6-PentaCB-(103)	ng/g	0.0261	0.0025	0.010	N/A	N/A	N/A	6360913
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6360913
233'44'-PentaCB-(105)	ng/g	1.68	0.0033	0.010	0.0000300	0.0000504	N/A	6360913
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
233'4'5-PentaCB-(107)	ng/g	0.347	0.0028	0.010	N/A	N/A	N/A	6360913
PentaCB-(108)+(124)	ng/g	0.130	0.0032	0.020	N/A	N/A	N/A	6360913
PentaCB-(110)+(115)	ng/g	4.35	0.0022	0.020	N/A	N/A	N/A	6360913
233'55'-PentaCB-(111)	ng/g	0.0063	0.0021	0.010	N/A	N/A	N/A	6360913
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6360913
2344'5-PentaCB-(114)	ng/g	0.0887	0.0033	0.010	0.0000300	0.00000266	N/A	6360913
23'44'5-PentaCB-(118)	ng/g	4.88	0.0033	0.010	0.0000300	0.000146	N/A	6360913
23'455'-PentaCB-(120)	ng/g	0.0063	0.0021	0.010	N/A	N/A	N/A	6360913
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6360913

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	0.0333	0.0035	0.010	N/A	N/A	N/A	6360913
23'44'5'-PentaCB-(123)	ng/g	0.0437	0.0036	0.010	0.0000300	0.00000131	N/A	6360913
33'44'5-PentaCB-(126)	ng/g	<0.0032	0.0032	0.010	0.100	0.000320	N/A	6360913
33'455'-PentaCB-(127)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913
HexaCB-(128)+(166)	ng/g	0.684	0.0034	0.020	N/A	N/A	N/A	6360913
HexaCB-(129)+(138)+(163)	ng/g	5.40	0.0039	0.030	N/A	N/A	N/A	6360913
22'33'45'-HexaCB-(130)	ng/g	0.275	0.0045	0.010	N/A	N/A	N/A	6360913
22'33'46-HexaCB-(131)	ng/g	0.0373	0.0047	0.010	N/A	N/A	N/A	6360913
22'33'46'-HexaCB-(132)	ng/g	0.711	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'55'-HexaCB-(133)	ng/g	0.0777	0.0041	0.010	N/A	N/A	N/A	6360913
HexaCB-(134)+(143)	ng/g	0.0966	0.0045	0.020	N/A	N/A	N/A	6360913
HexaCB-(135)+(151)	ng/g	1.19	0.0033	0.020	N/A	N/A	N/A	6360913
22'33'66'-HexaCB-(136)	ng/g	0.173	0.0023	0.010	N/A	N/A	N/A	6360913
22'344'5-HexaCB-(137)	ng/g	0.226	0.0051	0.010	N/A	N/A	N/A	6360913
HexaCB-(139)+(140)	ng/g	0.0446	0.0039	0.020	N/A	N/A	N/A	6360913
22'3455'-HexaCB-(141)	ng/g	0.347	0.0039	0.010	N/A	N/A	N/A	6360913
22'3456-HexaCB-(142)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6360913
22'345'6-HexaCB-(144)	ng/g	0.106	0.0033	0.010	N/A	N/A	N/A	6360913
22'3466'-HexaCB-(145)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6360913
22'34'55'-HexaCB-(146)	ng/g	0.808	0.0036	0.010	N/A	N/A	N/A	6360913
HexaCB-(147)+(149)	ng/g	2.59	0.0036	0.020	N/A	N/A	N/A	6360913
22'34'56'-HexaCB-(148)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6360913
22'34'66'-HexaCB-(150)	ng/g	0.0041	0.0023	0.010	N/A	N/A	N/A	6360913
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6360913
HexaCB-(153)+(168)	ng/g	4.53	0.0031	0.010	N/A	N/A	N/A	6360913
22'44'56'-HexaCB-(154)	ng/g	0.0503	0.0027	0.010	N/A	N/A	N/A	6360913
22'44'66'-HexaCB-(155)	ng/g	0.0077	0.0034	0.010	N/A	N/A	N/A	6360913
HexaCB-(156)+(157)	ng/g	0.446	0.0034	0.020	0.0000300	0.0000134	N/A	6360913
233'44'6-HexaCB-(158)	ng/g	0.325	0.0027	0.010	N/A	N/A	N/A	6360913
233'455'-HexaCB-(159)	ng/g	0.0070	0.0036	0.010	N/A	N/A	N/A	6360913
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6360913
233'4'55'-HexaCB-(162)	ng/g	0.0243	0.0035	0.010	N/A	N/A	N/A	6360913
233'4'5'6-HexaCB-(164)	ng/g	0.148	0.0026	0.010	N/A	N/A	N/A	6360913
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6360913
23'44'55'-HexaCB-(167)	ng/g	0.195	0.0033	0.010	0.0000300	0.00000585	N/A	6360913
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.010	0.0300	0.000102	N/A	6360913
22'33'44'5-HeptaCB-(170)	ng/g	0.247	0.0039	0.010	N/A	N/A	N/A	6360913
HeptaCB-(171)+(173)	ng/g	0.131	0.0050	0.020	N/A	N/A	N/A	6360913
22'33'455'-HeptaCB-(172)	ng/g	0.0489	0.0052	0.010	N/A	N/A	N/A	6360913
22'33'456'-HeptaCB-(174)	ng/g	0.160	0.0043	0.010	N/A	N/A	N/A	6360913
22'33'45'6-HeptaCB-(175)	ng/g	0.0177	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'466'-HeptaCB-(176)	ng/g	0.0409	0.0015	0.010	N/A	N/A	N/A	6360913
22'33'45'6'-HeptaCB-(177)	ng/g	0.303	0.0049	0.010	N/A	N/A	N/A	6360913
22'33'55'6-HeptaCB-(178)	ng/g	0.156	0.0020	0.010	N/A	N/A	N/A	6360913
22'33'566'-HeptaCB-(179)	ng/g	0.188	0.0014	0.010	N/A	N/A	N/A	6360913
HeptaCB-(180)+(193)	ng/g	0.771	0.0037	0.020	N/A	N/A	N/A	6360913
22'344'56-HeptaCB-(181)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6360913
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6360913
22'344'5'6-HeptaCB-(183)	ng/g	0.318	0.0047	0.010	N/A	N/A	N/A	6360913
22'344'66'-HeptaCB-(184)	ng/g	0.0096	0.0013	0.010	N/A	N/A	N/A	6360913
22'3455'6-HeptaCB-(185)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6360913
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6360913
22'34'55'6-HeptaCB-(187)	ng/g	0.942	0.0018	0.010	N/A	N/A	N/A	6360913
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6360913
233'44'55'-HeptaCB-(189)	ng/g	0.0167	0.0033	0.010	0.0000300	0.000000501	N/A	6360913
233'44'56-HeptaCB-(190)	ng/g	0.0715	0.0040	0.010	N/A	N/A	N/A	6360913
233'44'5'6-HeptaCB-(191)	ng/g	0.0162	0.0039	0.010	N/A	N/A	N/A	6360913
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'44'55'-OctaCB-(194)	ng/g	0.0619	0.0052	0.010	N/A	N/A	N/A	6360913
22'33'44'56-OctaCB-(195)	ng/g	0.0246	0.0056	0.010	N/A	N/A	N/A	6360913
22'33'44'56'-OctaCB-(196)	ng/g	0.0381	0.0051	0.010	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0087	0.0038	0.010	N/A	N/A	N/A	6360913
OctaCB-(198)+(199)	ng/g	0.0847	0.0049	0.020	N/A	N/A	N/A	6360913
22'33'4566'-OctaCB-(200)	ng/g	0.0060	0.0032	0.010	N/A	N/A	N/A	6360913
22'33'45'66'-OctaCB-(201)	ng/g	0.0221	0.0036	0.010	N/A	N/A	N/A	6360913
22'33'55'66'-OctaCB-(202)	ng/g	0.0513	0.0043	0.010	N/A	N/A	N/A	6360913
22'344'55'6-OctaCB-(203)	ng/g	0.0543	0.0045	0.010	N/A	N/A	N/A	6360913
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6360913
233'44'55'6-OctaCB-(205)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'44'55'6-NonaCB-(206)	ng/g	0.0144	0.0041	0.010	N/A	N/A	N/A	6360913
22'33'44'566'-NonaCB-(207)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6360913
22'33'455'66'-NonaCB-(208)	ng/g	0.0073	0.0042	0.010	N/A	N/A	N/A	6360913
DecaCB-(209)	ng/g	0.0069	0.0021	0.010	N/A	N/A	N/A	6360913
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000651	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'55'6-NonaCB-(206)	%	124	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'66'-OctaCB-(202)	%	119	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'33'55'6-HeptaCB-(178)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'66'-TetraCB-(54)	%	94	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'6-TriCB-(19)	%	67	N/A	N/A	N/A	N/A	N/A	6360913
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'6-OctaCB-(205)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'55'-HeptaCB-(189)	%	139	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6360913
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-23'44'5-PentaCB-(118)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'55'-HexaCB-(169)	%	92	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6360913
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6360913
C13-344'-TriCB-(37)	%	106	N/A	N/A	N/A	N/A	N/A	6360913
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6360913
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6360913
C13-DecaCB-(209)	%	115	N/A	N/A	N/A	N/A	N/A	6360913
C13-HexaCB-(156)+(157)	%	103	N/A	N/A	N/A	N/A	N/A	6360913

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0101	0.0012	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0070	0.0010	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0366	0.00083	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.0932	0.0013	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0090	0.0012	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0096	0.0013	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0019	0.0011	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0088	0.0013	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0717	0.0012	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.00189	0.00071	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	0.0030	0.0019	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0324	0.0017	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0421	0.0020	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.324	0.0016	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0029	0.0017	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0151	0.0016	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.200	0.0015	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0026	0.0016	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.792	0.0018	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0267	0.0017	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0193	0.0012	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0612	0.0015	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.487	0.0015	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0272	0.0014	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0885	0.0013	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.244	0.0015	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0022	0.0013	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0219	0.0014	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0106	0.0015	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0160	0.0018	0.010	0.000100	0.00000160	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0124	0.0013	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	0.0020	0.0018	0.010	0.000300	0.000000600	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0251	0.0020	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.63	0.0022	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0481	0.0019	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.205	0.0014	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.359	0.0015	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0660	0.0017	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.28	0.0015	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.263	0.0018	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017	0.0017	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.438	0.0017	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0099	0.0017	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.520	0.0019	0.010	0.0000300	0.0000156	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.163	0.0016	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0335	0.0017	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.814	0.0016	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0051	0.0013	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0344	0.0019	0.010	0.0000300	0.00000103	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.67	0.0019	0.010	0.0000300	0.0000501	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0028	0.0013	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	0.0015	0.0013	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0161	0.0021	0.010	0.0000300	0.000000483	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.010	0.100	0.000180	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.330	0.0039	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	3.50	0.0045	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.117	0.0052	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.168	0.0049	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0725	0.0046	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.0463	0.0051	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.508	0.00095	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0409	0.00068	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.113	0.0052	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0256	0.0043	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0433	0.0010	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.680	0.0044	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.859	0.0041	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.00547	0.00091	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	0.00204	0.00057	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	4.43	0.0036	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0389	0.00076	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0114	0.00084	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.192	0.0029	0.020	0.0000300	0.00000576	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.122	0.0029	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0215	0.0025	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0733	0.0029	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0043	0.0037	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.0965	0.0028	0.010	0.0000300	0.00000290	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0029	0.0029	0.010	0.0300	0.0000870	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.191 (1)	0.0021	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0576 (1)	0.0029	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0466 (1)	0.0029	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0667 (1)	0.0024	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0081 (1)	0.0025	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0090 (1)	0.0020	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.124 (1)	0.0028	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.140 (1)	0.0027	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0714 (1)	0.0019	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.657 (1)	0.0022	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0027 (1)	0.0027	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0025 (1)	0.0025	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.151 (1)	0.0024	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0084 (1)	0.0018	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	0.0117 (1)	0.0030	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0020 (1)	0.0020	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.659 (1)	0.0024	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	0.0029	0.0018	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0101 (1)	0.0045	0.10	0.0000300	0.000000303	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	<0.044 (2)	0.044	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	<0.0085 (3)	0.0085	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0023 (1)	0.0023	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0666 (1)	0.0025	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **
(2) ** From 10X Dilution **

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
(3) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56-OctaCB-(195)	ng/g	<0.018 (1)	0.018	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0392 (2)	0.0053	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	0.0090 (2)	0.0057	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.0927 (2)	0.0053	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0030 (2)	0.0030	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0112 (2)	0.0039	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0476 (2)	0.0044	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0612 (2)	0.0050	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0039 (2)	0.0039	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.0239	0.0040	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	0.0056	0.0031	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	0.0104	0.0041	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0109	0.0028	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000345	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	116	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	135	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	110 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	117	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	110 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	115 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG270						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	105	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	118 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	125	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	127	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	121	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	130	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	125	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	41	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	68	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	104	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	109	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	140	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	124	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0110	0.0022	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0169	0.0025	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0780	0.0020	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.255	0.0034	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0273	0.0032	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0312	0.0037	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0064	0.0033	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0223	0.0035	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0061	0.0018	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.207	0.0032	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.0036	0.0016	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	0.0095	0.0049	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0668	0.0057	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0636	0.0061	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.504	0.0053	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0086	0.0057	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0309	0.0062	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.317	0.0051	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0112	0.0054	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	1.13	0.0060	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0599	0.0028	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0354	0.0043	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.166	0.0026	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.952	0.0024	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0460	0.0024	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.190	0.0045	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.654	0.0026	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0047	0.0020	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0334	0.0023	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0156	0.0026	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0403	0.0027	0.010	0.000100	0.00000403	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.0178	0.0022	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	0.0036	0.0027	0.010	0.000300	0.00000108	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0446	0.0042	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	2.56	0.0045	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0694	0.0040	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.388	0.0029	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.602	0.0033	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.111	0.0037	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.99	0.0032	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.358	0.0041	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0036	0.0036	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.619	0.0038	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0115	0.0035	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.985	0.0059	0.010	0.0000300	0.0000296	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.315	0.0053	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0505	0.0054	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	1.52	0.0037	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0067	0.0026	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0588	0.0059	0.010	0.0000300	0.00000176	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	2.77	0.0058	0.010	0.0000300	0.0000831	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0122	0.0028	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	0.0039	0.0029	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	<0.0063	0.0063	0.010	0.0000300	0.000000189	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.0212	0.0056	0.010	0.100	0.00212	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.520	0.0054	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	5.11	0.0062	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.160	0.0074	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.253	0.0067	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0966	0.0062	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0072	0.0072	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.621	0.0023	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0506	0.0016	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.157	0.0079	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0401	0.0059	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0477	0.0023	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.943	0.0062	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	1.32	0.0060	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.0070	0.0022	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	5.95	0.0049	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0464	0.0018	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0133	0.0022	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.304	0.0055	0.020	0.0000300	0.00000912	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.172	0.0041	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0259	0.0047	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.115	0.0039	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.149	0.0052	0.010	0.0000300	0.00000447	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0055	0.0055	0.010	0.0300	0.000165	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.278 (1)	0.0037	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0935 (1)	0.0050	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0618 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.110 (1)	0.0042	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0149 (1)	0.0032	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	<0.014 (2)	0.014	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.160 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.182 (1)	0.0034	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0877 (1)	0.0024	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.860 (1)	0.0038	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	0.0052 (1)	0.0047	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	0.0056 (1)	0.0031	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.221 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0101 (1)	0.0023	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	0.0148 (1)	0.0052	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0025 (1)	0.0025	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.893 (1)	0.0030	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	0.0047	0.0033	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0151 (1)	0.0047	0.10	0.0000300	0.000000453	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0697 (1)	0.0039	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	<0.011 (2)	0.011	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0039 (1)	0.0039	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0916 (1)	0.0031	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56-OctaCB-(195)	ng/g	0.0318 (1)	0.0033	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0564 (1)	0.0087	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.0093 (1)	0.0093	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.136 (1)	0.0087	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0049 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0215 (1)	0.0063	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0688 (1)	0.0072	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	<0.094 (2)	0.094	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0064 (1)	0.0064	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.032 (2)	0.032	0.10	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	0.0086 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	0.0146 (1)	0.0060	0.10	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0168 (1)	0.0040	0.10	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00242	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	123 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	118 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	109 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	117 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	115 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	83	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	114 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	119	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	107	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	118	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	123	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	120	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	125 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	106	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	0.0069	0.0039	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0124	0.0027	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0209	0.0030	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0925	0.0025	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.258	0.0026	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0235	0.0025	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0291	0.0028	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0256	0.0027	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0088	0.0023	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.207	0.0024	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.0044	0.0020	0.010	N/A	N/A	N/A	6410254

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Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	0.0105	0.0037	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0751	0.0050	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0698	0.0053	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	0.0075	0.0051	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.551	0.0046	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0129	0.0049	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0331	0.0053	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.360	0.0044	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0139	0.0047	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	1.25	0.0052	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0514	0.0048	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0433	0.0037	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.149	0.0045	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.894	0.0043	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0432	0.0042	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.203	0.0039	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.608	0.0045	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0046	0.0035	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0343	0.0040	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0153	0.0046	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'6-TetraCB-(73)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0472	0.0048	0.010	0.000100	0.00000472	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0186	0.0038	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0048	0.0048	0.010	0.000300	0.00000144	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0402	0.0052	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	2.68	0.0056	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0843	0.0050	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.418	0.0036	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.626	0.0041	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.127	0.0047	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	2.14	0.0040	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.391	0.0051	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0045	0.0045	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.720	0.0047	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0152	0.0043	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.968	0.0050	0.010	0.0000300	0.0000290	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.286	0.0045	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0473	0.0046	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	1.57	0.0046	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0067	0.0032	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0606	0.0050	0.010	0.0000300	0.00000182	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	2.73	0.0050	0.010	0.0000300	0.0000819	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'455'-PentaCB-(120)	ng/g	0.0119	0.0035	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	<0.0054	0.0054	0.010	0.0000300	0.000000162	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	0.0152	0.0048	0.010	0.100	0.00152	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.527	0.0061	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	5.11	0.0070	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.154	0.0083	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.257	0.0076	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0929	0.0071	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.676	0.0036	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0599	0.0026	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.130	0.0090	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0399	0.0067	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0585	0.0037	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.931	0.0070	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	1.38	0.0068	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.0076	0.0035	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	6.01	0.0055	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0577	0.0029	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0141	0.0035	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.314	0.010	0.020	0.0000300	0.00000942	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'6-HexaCB-(158)	ng/g	0.167	0.0046	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0198	0.0087	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.117	0.0045	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.150	0.0096	0.010	0.0000300	0.00000450	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.010	0.010	0.010	0.0300	0.000300	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.301 (1)	0.0034	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0909 (1)	0.0045	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0631 (1)	0.0045	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.106 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0130 (1)	0.0026	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0164 (1)	0.0020	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.153 (1)	0.0044	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.186 (1)	0.0028	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0955 (1)	0.0020	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.868 (1)	0.0035	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	0.0047 (1)	0.0043	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0043 (2)	0.0043	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.224 (1)	0.0037	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0080 (1)	0.0019	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.011 (2)	0.011	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0021 (1)	0.0021	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.892 (1)	0.0025	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'566'-HeptaCB-(188)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0154 (1)	0.0036	0.10	0.0000300	0.000000462	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0656 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0122 (1)	0.0035	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0036 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0801 (1)	0.0034	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0269 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0610 (1)	0.0032	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	0.0150 (1)	0.0034	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.145 (1)	0.0032	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0031 (2)	0.0031	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0215 (1)	0.0023	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0696 (1)	0.0026	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.100 (1)	0.0030	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0023 (1)	0.0023	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.030 (2)	0.030	0.10	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	0.0094 (1)	0.0029	0.10	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.011 (3)	0.011	0.10	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0165 (1)	0.0027	0.10	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00195	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **
(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(3) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	141 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	131 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	127 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	132 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	138 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	110	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	65	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	106	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	136 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	105	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	109	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	77	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	137 (1)	N/A	N/A	N/A	N/A	N/A	6410254

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) ** From 10X Dilution **

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG271						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	0.0049	0.0023	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0060 (1)	0.0060	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0072	0.0026	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0094	0.0022	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0343	0.0018	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.124	0.0021	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0103	0.0019	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0161	0.0021	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0039	0.0017	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0127	0.0021	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0039	0.0017	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.106	0.0019	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.0038	0.0015	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	0.0061	0.0030	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0237	0.0015	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0297	0.0018	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.226	0.0014	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0035	0.0015	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0104	0.0014	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.145	0.0013	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0032	0.0014	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.562	0.0016	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0230	0.0024	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0166	0.0011	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0695	0.0021	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.458	0.0021	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0167	0.0020	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0845	0.0011	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.275	0.0021	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0023	0.0018	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0126	0.0020	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0072	0.0021	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0170	0.0025	0.010	0.000100	0.00000170	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0082	0.0018	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.010	0.000300	0.000000750	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0203	0.0027	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.25	0.0030	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0436	0.0026	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.186	0.0019	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.304	0.0021	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0494	0.0024	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.00	0.0020	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.209	0.0025	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.323	0.0023	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0055	0.0023	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.381	0.0024	0.010	0.0000300	0.0000114	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.114	0.0020	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0259	0.0021	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.652	0.0021	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0037	0.0017	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0290	0.0024	0.010	0.0000300	0.000000870	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.22	0.0024	0.010	0.0000300	0.0000366	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0053	0.0018	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.010	0.100	0.000230	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.229	0.0028	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	2.30	0.0032	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.0806	0.0037	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	0.0054	0.0040	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.128	0.0034	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0485	0.0033	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.399	0.0024	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0298	0.0017	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.0681	0.0037	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0204	0.0030	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0223	0.0026	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.419	0.0031	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.623	0.0029	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.0037	0.0023	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	2.61	0.0025	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0265	0.0019	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0077	0.0021	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.114	0.0050	0.020	0.0000300	0.00000342	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.0901	0.0021	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	0.0136	0.0042	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0503	0.0021	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0034	0.0026	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.0625	0.0048	0.010	0.0000300	0.00000188	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0050	0.0050	0.010	0.0300	0.000150	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.138	0.0042	0.010	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0429	0.0049	0.020	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0339	0.0053	0.010	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0629	0.0041	0.010	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0076	0.0033	0.010	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0088	0.0025	0.010	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.0983	0.0051	0.010	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.106	0.0035	0.010	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0536	0.0024	0.010	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.439	0.0039	0.020	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.190	0.0063	0.010	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0072	0.0023	0.010	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.526	0.0032	0.010	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0065	0.0024	0.010	0.0000300	0.000000195	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0269	0.0038	0.010	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0074	0.0038	0.010	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0355	0.0054	0.010	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0139	0.0057	0.010	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0305	0.0027	0.010	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	0.0081	0.0020	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG273						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0832	0.0025	0.020	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	0.0027	0.0016	0.010	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0120	0.0018	0.010	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0385	0.0021	0.010	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0493	0.0022	0.010	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.0171	0.0065	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0089	0.0037	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000437	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	111	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	69	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	46	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	38	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	81	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	138	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	100	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	38	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	44	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
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	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	<0.0046 (1)	0.0046	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0193	0.0025	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.0534	0.0035	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0048	0.0033	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0077	0.0038	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0050	0.0036	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0463	0.0032	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0146	0.0048	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.108	0.0045	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0092	0.0052	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.0667	0.0043	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.229	0.0050	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0120	0.0044	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0074	0.0036	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0238	0.0041	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.188	0.0039	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0079	0.0038	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0362	0.0038	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.120	0.0041	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0053	0.0036	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0047	0.0042	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	0.0074	0.0044	0.010	0.000100	0.000000740	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0044	0.0044	0.010	0.000300	0.00000132	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0120	0.0077	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	0.607	0.0083	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0205	0.0073	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.0888	0.0054	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.146	0.0061	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0254	0.0069	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	0.497	0.0060	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.0996	0.0075	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0067	0.0067	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.152	0.0069	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.187	0.0049	0.010	0.0000300	0.00000561	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.0617	0.0044	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0136	0.0045	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.351	0.0067	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0120	0.0049	0.010	0.0000300	0.000000360	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	0.587	0.0049	0.010	0.0000300	0.0000176	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	<0.0053	0.0053	0.010	0.0000300	0.000000159	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0047	0.0047	0.010	0.100	0.000470	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.0986	0.0053	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	1.10	0.0061	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.0387	0.0072	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.0586	0.0066	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0230	0.0061	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.172	0.0032	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0157	0.0023	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.0395	0.0078	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	<0.0084 (1)	0.0084	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	<0.035 (1)	0.035	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0111	0.0033	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.209	0.0060	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.333	0.0059	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	1.35	0.0048	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0149	0.0026	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0036	0.0031	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.0610	0.0079	0.020	0.0000300	0.00000183	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.0446	0.0040	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0208	0.0039	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.0305	0.0076	0.010	0.0000300	0.000000915	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0079	0.0079	0.010	0.0300	0.000237	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.0569 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	<0.019 (2)	0.019	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0168 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0279 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0045 (1)	0.0030	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.0507 (1)	0.0047	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.0583 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0290 (1)	0.0029	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.201 (1)	0.0037	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0046 (1)	0.0046	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0038 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.0583 (1)	0.0040	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	<0.0028 (1)	0.0028	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.0051 (1)	0.0051	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0030 (1)	0.0030	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.267 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.0037 (1)	0.0037	0.10	0.0000300	0.000000111	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0176 (1)	0.0038	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037 (1)	0.0037	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0038 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0156	0.0089	0.010	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.040	0.010	0.020	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0214	0.0086	0.010	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0223	0.0098	0.010	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000736	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	131	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	108 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	121	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	136	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	103 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG274						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	110	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	109 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	108	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	103	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	111	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	127	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	108	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG284						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0076	0.0076	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0074	0.0051	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0214	0.0042	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.0592	0.0050	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0070	0.0047	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0077	0.0054	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0427	0.0046	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG284						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0180	0.0086	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0171	0.0092	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.108	0.0080	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0085	0.0085	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.0807	0.0077	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.0081	0.0081	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.255	0.0090	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0151	0.0061	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	<0.0065	0.0065	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0294	0.0057	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.174	0.0053	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0074	0.0052	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0427	0.0068	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.0891	0.0056	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0085	0.0060	0.010	0.000100	0.000000850	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254

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	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0060	0.0060	0.010	0.000300	0.00000180	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0129	0.0061	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	0.441	0.0065	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0216	0.0057	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.0527	0.0042	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.136	0.0048	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0287	0.0054	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	0.443	0.0047	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.0903	0.0059	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.158	0.0054	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.142	0.0052	0.010	0.0000300	0.00000426	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.0476	0.0047	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0118	0.0048	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.370	0.0053	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0121	0.0053	0.010	0.0000300	0.000000363	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	0.394	0.0052	0.010	0.0000300	0.0000118	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	<0.0057	0.0057	0.010	0.0000300	0.000000171	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0050	0.0050	0.010	0.100	0.000500	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.0862	0.0068	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	0.878	0.0078	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.0354	0.0093	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.0728	0.0085	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0205	0.0079	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0091	0.0091	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.164	0.0041	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0151	0.0029	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.024	0.010	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	<0.0075	0.0075	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.0171	0.0073	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0096	0.0042	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.182	0.0078	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.348	0.0075	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	1.01	0.0062	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0100	0.0033	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.0373	0.0075	0.020	0.0000300	0.00000112	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.0307	0.0052	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254

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BV Labs ID		KQG284						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0237	0.0050	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.0209	0.0072	0.010	0.0000300	0.000000627	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0075	0.0075	0.010	0.0300	0.000225	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.044	0.010	0.010	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.033	0.011	0.010	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.043	0.013	0.010	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.0396	0.0042	0.010	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0221	0.0030	0.010	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.145	0.0097	0.020	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.066	0.017	0.010	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.218	0.0040	0.010	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.011	0.011	0.010	0.0000300	0.000000330	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0142	0.0058	0.010	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.036	0.012	0.020	N/A	N/A	N/A	6410254

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0140	0.0097	0.010	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.018	0.011	0.010	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000746	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	92	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	94	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	69	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	62	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	44	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	38	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	112	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	78	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6410254

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG284						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	36	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	56	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	64	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	68	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	54	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	38	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	81	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6437774
3-MonoCB-(2)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6437774
4-MonoCB-(3)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6437774
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6437774
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437774
2,3'-DiCB-(6)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437774
2,4-DiCB-(7)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437774
2,4'-DiCB-(8)	ng/g	0.0039	0.0013	0.0099	N/A	N/A	N/A	6437774
2,5-DiCB-(9)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437774
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6437774
3,3'-DiCB-(11)	ng/g	0.0054	0.0013	0.0099	N/A	N/A	N/A	6437774
DiCB-(12)+(13)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6437774
3,5-DiCB-(14)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437774
4,4'-DiCB-(15)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6437774
22'3-TriCB-(16)	ng/g	0.0080	0.0032	0.0099	N/A	N/A	N/A	6437774
22'4-TriCB-(17)	ng/g	0.0106	0.0027	0.0099	N/A	N/A	N/A	6437774
TriCB-(18)+(30)	ng/g	0.0384	0.0022	0.020	N/A	N/A	N/A	6437774
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6437774
TriCB-(20) + (28)	ng/g	0.0824	0.0015	0.020	N/A	N/A	N/A	6437774
TriCB-(21)+(33)	ng/g	0.0059	0.0016	0.020	N/A	N/A	N/A	6437774
234'-TriCB-(22)	ng/g	0.0103	0.0016	0.0099	N/A	N/A	N/A	6437774
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437774
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437774
23'4-TriCB-(25)	ng/g	0.0022	0.0015	0.0099	N/A	N/A	N/A	6437774
TriCB-(26)+(29)	ng/g	0.0086	0.0015	0.020	N/A	N/A	N/A	6437774
23'6-TriCB-(27)	ng/g	0.0027	0.0018	0.0099	N/A	N/A	N/A	6437774
24'5-TriCB-(31)	ng/g	0.0623	0.0015	0.0099	N/A	N/A	N/A	6437774
24'6-TriCB-(32)	ng/g	0.0034	0.0017	0.0099	N/A	N/A	N/A	6437774
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437774
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437774
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437774

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0050	0.0029	0.0099	N/A	N/A	N/A	6437774
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437774
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437774
TetraCB-(40)+(41)+(71)	ng/g	0.0249	0.0028	0.030	N/A	N/A	N/A	6437774
22'34'-TetraCB-(42)	ng/g	0.0251	0.0034	0.0099	N/A	N/A	N/A	6437774
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6437774
TetraCB-(44)+(47)+(65)	ng/g	0.226	0.0027	0.030	N/A	N/A	N/A	6437774
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6437774
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6437774
22'45-TetraCB-(48)	ng/g	0.0141	0.0028	0.0099	N/A	N/A	N/A	6437774
TetraCB-(49)+TetraCB-(69)	ng/g	0.133	0.0026	0.020	N/A	N/A	N/A	6437774
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6437774
22'55'-TetraCB-(52)	ng/g	0.442	0.0026	0.0099	N/A	N/A	N/A	6437774
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437774
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437774
233'4'-Tetra CB(56)	ng/g	0.0241	0.0020	0.0099	N/A	N/A	N/A	6437774
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437774
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437774
TetraCB-(59)+(62)+(75)	ng/g	0.0142	0.0021	0.030	N/A	N/A	N/A	6437774
2344'-TetraCB -(60)	ng/g	0.0535	0.0019	0.0099	N/A	N/A	N/A	6437774
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.350	0.0018	0.040	N/A	N/A	N/A	6437774
234'5-TetraCB-(63)	ng/g	0.0200	0.0018	0.0099	N/A	N/A	N/A	6437774
234'6-TetraCB-(64)	ng/g	0.0610	0.0023	0.0099	N/A	N/A	N/A	6437774
23'44'-TetraCB-(66)	ng/g	0.178	0.0017	0.0099	N/A	N/A	N/A	6437774
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437774
23'45'-TetraCB-(68)	ng/g	0.0139	0.0018	0.0099	N/A	N/A	N/A	6437774
23'55'-TetraCB-(72)	ng/g	0.0080	0.0019	0.0099	N/A	N/A	N/A	6437774
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6437774
33'44'-TetraCB-(77)	ng/g	0.0165	0.0027	0.0099	0.000100	0.00000165	N/A	6437774
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437774
33'45'-TetraCB(79)	ng/g	0.0063	0.0016	0.0099	N/A	N/A	N/A	6437774
33'55'-TetraCB-(80)	ng/g	0.0021	0.0016	0.0099	N/A	N/A	N/A	6437774

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.0099	0.000300	0.000000780	N/A	6437774
22'33'4-PentaCB-(82)	ng/g	0.0216	0.0043	0.0099	N/A	N/A	N/A	6437774
PentaCB-(83)+(99)	ng/g	1.28	0.0040	0.020	N/A	N/A	N/A	6437774
22'33'6-PentaCB-(84)	ng/g	0.0500	0.0042	0.0099	N/A	N/A	N/A	6437774
PentaCB-(85)+(116)+(117)	ng/g	0.248	0.0028	0.030	N/A	N/A	N/A	6437774
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.331	0.0031	0.059	N/A	N/A	N/A	6437774
PentaCB-(88)+(91)	ng/g	0.0690	0.0037	0.020	N/A	N/A	N/A	6437774
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6437774
PentaCB-(90)+(101)+(113)	ng/g	1.23	0.0031	0.030	N/A	N/A	N/A	6437774
22'355'-PentaCB-(92)	ng/g	0.240	0.0038	0.0099	N/A	N/A	N/A	6437774
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0106	0.0037	0.040	N/A	N/A	N/A	6437774
22'356'-PentaCB-(94)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6437774
22'35'6-PentaCB-(95)	ng/g	0.336	0.0036	0.0099	N/A	N/A	N/A	6437774
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6437774
22'45'6-PentaCB-(103)	ng/g	<0.0056 (1)	0.0056	0.0099	N/A	N/A	N/A	6437774
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437774
233'44'-PentaCB-(105)	ng/g	0.470	0.0019	0.0099	0.0000300	0.0000141	N/A	6437774
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437774
233'4'5-PentaCB-(107)	ng/g	0.129	0.0013	0.0099	N/A	N/A	N/A	6437774
PentaCB-(108)+(124)	ng/g	0.0312	0.0014	0.020	N/A	N/A	N/A	6437774
PentaCB-(110)+(115)	ng/g	0.694	0.0032	0.020	N/A	N/A	N/A	6437774
233'55'-PentaCB-(111)	ng/g	0.0048	0.0027	0.0099	N/A	N/A	N/A	6437774
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6437774
2344'5-PentaCB-(114)	ng/g	0.0271	0.0019	0.0099	0.0000300	0.000000813	N/A	6437774
23'44'5-PentaCB-(118)	ng/g	1.47	0.0018	0.0099	0.0000300	0.0000441	N/A	6437774
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6437774
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6437774
233'4'5'-PentaCB-(122)	ng/g	0.0031	0.0016	0.0099	N/A	N/A	N/A	6437774
23'44'5'-PentaCB-(123)	ng/g	0.0254	0.0020	0.0099	0.0000300	0.000000762	N/A	6437774
33'44'5-PentaCB-(126)	ng/g	0.0063	0.0018	0.0099	0.100	0.000630	N/A	6437774
33'455'-PentaCB-(127)	ng/g	0.0032	0.0014	0.0099	N/A	N/A	N/A	6437774

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.315	0.0039	0.020	N/A	N/A	N/A	6437774
HexaCB-(129)+(138)+(163)	ng/g	2.86	0.0042	0.030	N/A	N/A	N/A	6437774
22'33'45'-HexaCB-(130)	ng/g	0.117	0.0052	0.0099	N/A	N/A	N/A	6437774
22'33'46-HexaCB-(131)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6437774
22'33'46'-HexaCB-(132)	ng/g	0.158	0.0049	0.0099	N/A	N/A	N/A	6437774
22'33'55'-HexaCB-(133)	ng/g	0.0772	0.0046	0.0099	N/A	N/A	N/A	6437774
HexaCB-(134)+(143)	ng/g	0.0430	0.0052	0.020	N/A	N/A	N/A	6437774
HexaCB-(135)+(151)	ng/g	0.454	0.0036	0.020	N/A	N/A	N/A	6437774
22'33'66'-HexaCB-(136)	ng/g	0.0383	0.0027	0.0099	N/A	N/A	N/A	6437774
22'344'5-HexaCB-(137)	ng/g	0.101	0.0051	0.0099	N/A	N/A	N/A	6437774
HexaCB-(139)+(140)	ng/g	0.0218	0.0042	0.020	N/A	N/A	N/A	6437774
22'3455'-HexaCB-(141)	ng/g	0.109	0.0046	0.0099	N/A	N/A	N/A	6437774
22'3456-HexaCB-(142)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6437774
22'345'6-HexaCB-(144)	ng/g	0.0282	0.0038	0.0099	N/A	N/A	N/A	6437774
22'3466'-HexaCB-(145)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6437774
22'34'55'-HexaCB-(146)	ng/g	0.592	0.0041	0.0099	N/A	N/A	N/A	6437774
HexaCB-(147)+(149)	ng/g	0.967	0.0042	0.020	N/A	N/A	N/A	6437774
22'34'56'-HexaCB-(148)	ng/g	0.0067	0.0036	0.0099	N/A	N/A	N/A	6437774
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6437774
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6437774
HexaCB-(153)+(168)	ng/g	3.35	0.0034	0.0099	N/A	N/A	N/A	6437774
22'44'56'-HexaCB-(154)	ng/g	0.0426	0.0032	0.0099	N/A	N/A	N/A	6437774
22'44'66'-HexaCB-(155)	ng/g	0.0082	0.0017	0.0099	N/A	N/A	N/A	6437774
HexaCB-(156)+(157)	ng/g	0.165	0.0024	0.020	0.0000300	0.00000495	N/A	6437774
233'44'6-HexaCB-(158)	ng/g	0.107	0.0032	0.0099	N/A	N/A	N/A	6437774
233'455'-HexaCB-(159)	ng/g	0.0053	0.0018	0.0099	N/A	N/A	N/A	6437774
233'456-HexaCB-(160)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6437774
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6437774
233'4'55'-HexaCB-(162)	ng/g	0.0117	0.0017	0.0099	N/A	N/A	N/A	6437774
233'4'5'6-HexaCB-(164)	ng/g	0.0572	0.0034	0.0099	N/A	N/A	N/A	6437774
233'55'6-HexaCB-(165)	ng/g	0.0060	0.0036	0.0099	N/A	N/A	N/A	6437774
23'44'55'-HexaCB-(167)	ng/g	0.0874	0.0023	0.0099	0.0000300	0.00000262	N/A	6437774

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	0.0138	0.0024	0.0099	0.0300	0.000414	N/A	6437774
22'33'44'5-HeptaCB-(170)	ng/g	0.126	0.0092	0.099	N/A	N/A	N/A	6437774
HeptaCB-(171)+(173)	ng/g	0.046	0.013	0.099	N/A	N/A	N/A	6437774
22'33'455'-HeptaCB-(172)	ng/g	0.051	0.013	0.099	N/A	N/A	N/A	6437774
22'33'456'-HeptaCB-(174)	ng/g	0.073	0.012	0.099	N/A	N/A	N/A	6437774
22'33'45'6-HeptaCB-(175)	ng/g	<0.021	0.021	0.099	N/A	N/A	N/A	6437774
22'33'466'-HeptaCB-(176)	ng/g	<0.017	0.017	0.099	N/A	N/A	N/A	6437774
22'33'45'6'-HeptaCB-(177)	ng/g	0.159	0.013	0.099	N/A	N/A	N/A	6437774
22'33'55'6-HeptaCB-(178)	ng/g	0.168	0.022	0.099	N/A	N/A	N/A	6437774
22'33'566'-HeptaCB-(179)	ng/g	0.082	0.016	0.099	N/A	N/A	N/A	6437774
HeptaCB-(180)+(193)	ng/g	0.482	0.0095	0.099	N/A	N/A	N/A	6437774
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.099	N/A	N/A	N/A	6437774
22'344'56'-HeptaCB-(182)	ng/g	<0.021	0.021	0.099	N/A	N/A	N/A	6437774
22'344'5'6-HeptaCB-(183)	ng/g	0.124	0.012	0.099	N/A	N/A	N/A	6437774
22'344'66'-HeptaCB-(184)	ng/g	<0.015	0.015	0.099	N/A	N/A	N/A	6437774
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.099	N/A	N/A	N/A	6437774
22'34566'-HeptaCB-(186)	ng/g	<0.016	0.016	0.099	N/A	N/A	N/A	6437774
22'34'55'6-HeptaCB-(187)	ng/g	0.801	0.019	0.099	N/A	N/A	N/A	6437774
22'34'566'-HeptaCB-(188)	ng/g	<0.014	0.014	0.099	N/A	N/A	N/A	6437774
233'44'55'-HeptaCB-(189)	ng/g	<0.0032	0.0032	0.099	0.0000300	0.000000096	N/A	6437774
233'44'56-HeptaCB-(190)	ng/g	0.062	0.011	0.099	N/A	N/A	N/A	6437774
233'44'5'6-HeptaCB-(191)	ng/g	<0.010	0.010	0.099	N/A	N/A	N/A	6437774
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.099	N/A	N/A	N/A	6437774
22'33'44'55'-OctaCB-(194)	ng/g	0.0458	0.0091	0.099	N/A	N/A	N/A	6437774
22'33'44'56-OctaCB-(195)	ng/g	<0.0097	0.0097	0.099	N/A	N/A	N/A	6437774
22'33'44'56'-OctaCB-(196)	ng/g	0.030	0.015	0.099	N/A	N/A	N/A	6437774
22'33'44'66'OctaCB-(197)	ng/g	<0.0089	0.0089	0.099	N/A	N/A	N/A	6437774
OctaCB-(198)+(199)	ng/g	0.096	0.014	0.099	N/A	N/A	N/A	6437774
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.099	N/A	N/A	N/A	6437774
22'33'45'66'-OctaCB-(201)	ng/g	<0.010	0.010	0.099	N/A	N/A	N/A	6437774
22'33'55'66'-OctaCB-(202)	ng/g	0.0592	0.0091	0.099	N/A	N/A	N/A	6437774
22'344'55'6-OctaCB-(203)	ng/g	0.068	0.013	0.099	N/A	N/A	N/A	6437774

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.010	0.010	0.099	N/A	N/A	N/A	6437774
233'44'55'6-OctaCB-(205)	ng/g	<0.0090	0.0090	0.099	N/A	N/A	N/A	6437774
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.099	N/A	N/A	N/A	6437774
22'33'44'566'-NonaCB-(207)	ng/g	<0.0075	0.0075	0.099	N/A	N/A	N/A	6437774
22'33'455'66'-NonaCB-(208)	ng/g	<0.0089	0.0089	0.099	N/A	N/A	N/A	6437774
DecaCB-(209)	ng/g	<0.0077	0.0077	0.099	N/A	N/A	N/A	6437774
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00111	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	125	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'33'44'55'6-NonaCB-(206)	%	118	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'33'44'5-HeptaCB-(170)	%	111	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'33'55'66'-OctaCB-(202)	%	102	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'33'55'6-HeptaCB-(178)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'344'55'-HeptaCB-(180)	%	107	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'44'66'-HexaCB-(155)	%	117	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'466'-PentaCB-(104)	%	114	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'66'-TetraCB-(54)	%	128	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'6-TriCB-(19)	%	92	N/A	N/A	N/A	N/A	N/A	6437774
C13-22'-DiCB-(4)	%	92	N/A	N/A	N/A	N/A	N/A	6437774
C13-233'44'55'6-OctaCB-(205)	%	115	N/A	N/A	N/A	N/A	N/A	6437774
C13-233'44'55'-HeptaCB-(189)	%	118	N/A	N/A	N/A	N/A	N/A	6437774
C13-233'44'-PentaCB-(105)	%	119	N/A	N/A	N/A	N/A	N/A	6437774
C13-233'55'-PentaCB-(111)	%	129 (2)	N/A	N/A	N/A	N/A	N/A	6437774
C13-23'44'55'-HexaCB-(167)	%	110	N/A	N/A	N/A	N/A	N/A	6437774
C13-2344'5-PentaCB-(114)	%	115	N/A	N/A	N/A	N/A	N/A	6437774
C13-23'44'5-PentaCB-(118)	%	122	N/A	N/A	N/A	N/A	N/A	6437774
C13-2'344'5-PentaCB-(123)	%	116	N/A	N/A	N/A	N/A	N/A	6437774

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QC Batch = Quality Control Batch
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(1) Internal Recovery is above method criteria, due to matrix interferences
(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	77	N/A	N/A	N/A	N/A	N/A	6437774
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6437774
C13-33'44'5-PentaCB-(126)	%	108	N/A	N/A	N/A	N/A	N/A	6437774
C13-33'44'-TetraCB-(77)	%	122	N/A	N/A	N/A	N/A	N/A	6437774
C13-344'5-TetraCB-(81)	%	121	N/A	N/A	N/A	N/A	N/A	6437774
C13-344'-TriCB-(37)	%	108	N/A	N/A	N/A	N/A	N/A	6437774
C13-44'-DiCB-(15)	%	88	N/A	N/A	N/A	N/A	N/A	6437774
C13-4-MonoCB-(3)	%	78	N/A	N/A	N/A	N/A	N/A	6437774
C13-DecaCB-(209)	%	150 (1)	N/A	N/A	N/A	N/A	N/A	6437774
C13-HexaCB-(156)+(157)	%	109	N/A	N/A	N/A	N/A	N/A	6437774

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) internal standard recovery above method criteria, due to matrix interferences. No natives detected associated with this internal

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0072	0.0055	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0224	0.0046	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.0866	0.0022	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0062	0.0022	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0120	0.0024	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0105	0.0023	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0791	0.0022	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	0.0064	0.0021	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0164	0.0046	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0300	0.0054	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.233	0.0042	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0044	0.0044	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0092	0.0045	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.179	0.0041	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.682	0.0054	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0260	0.0052	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0156	0.0033	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0595	0.0046	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.504	0.0045	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0242	0.0044	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0756	0.0035	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.223	0.0044	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0173	0.0041	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0112	0.0043	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0159	0.0056	0.010	0.000100	0.00000159	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0156	0.0041	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0055	0.0055	0.010	0.000300	0.00000165	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0212	0.0065	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.63	0.0060	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0417	0.0060	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.256	0.0045	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.389	0.0047	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0678	0.0053	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.48	0.0046	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.310	0.0057	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.358	0.0051	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.0058 (1)	0.0058	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.599	0.0062	0.010	0.0000300	0.0000180	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.176	0.0050	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0438	0.0053	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.837	0.0045	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0056	0.0042	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0382	0.0062	0.010	0.0000300	0.00000115	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.97	0.0063	0.010	0.0000300	0.0000591	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0310	0.0069	0.010	0.0000300	0.000000930	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0059	0.0059	0.010	0.100	0.000590	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.344	0.0063	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	3.77	0.0071	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.123	0.0084	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.157	0.0075	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0878	0.0072	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.0289	0.0075	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.636	0.0050	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0397	0.0034	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.151	0.0097	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0305	0.0066	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.142	0.0063	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0419	0.0051	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.679	0.0065	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.766	0.0062	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	4.55	0.0057	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0496	0.0041	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0146	0.0044	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.220	0.0089	0.020	0.0000300	0.00000660	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.127	0.0048	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	<0.020 (1)	0.020	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0638	0.0045	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0058	0.0056	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.111	0.0084	0.010	0.0000300	0.00000333	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0086	0.0086	0.010	0.0300	0.000258	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.205 (1)	0.0067	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0667 (1)	0.0090	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0635 (1)	0.0090	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0786 (1)	0.0076	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	<0.0075 (1)	0.0075	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0104 (1)	0.0059	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.121 (1)	0.0088	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.184 (1)	0.0080	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0794 (1)	0.0057	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.782 (1)	0.0069	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0085 (1)	0.0085	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0074 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.180 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0129 (1)	0.0055	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	0.0105 (1)	0.0094	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0060 (1)	0.0060	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.801 (1)	0.0071	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.0093 (2)	0.0093	0.10	0.0000300	0.000000279	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	<0.044 (2)	0.044	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0119 (1)	0.0069	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0071 (1)	0.0071	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0698 (1)	0.0059	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0157 (1)	0.0063	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	<0.038 (2)	0.038	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.011 (1)	0.011	0.10	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.095 (1)	0.095	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0057 (2)	0.0057	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	<0.012 (1)	0.012	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0568 (2)	0.0083	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0674 (2)	0.0095	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0075 (2)	0.0075	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.023	0.014	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0124	0.0063	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000941	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	103	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	74 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	106	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	72 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	72 (2)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	63	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	63	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	57	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	56	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	48	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	39	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	66	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	79 (2)	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG286						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'-PentaCB-(105)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	36	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	44	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	71	N/A	N/A	N/A	N/A	N/A	6410254

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com
Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0067	0.0022	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0036	0.0023	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0495	0.0019	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.141	0.0017	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0103	0.0017	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0188	0.0019	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0051	0.0017	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0175	0.0018	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0043	0.0017	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.118	0.0017	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0050	0.0027	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0538	0.0031	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0277	0.0037	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.203	0.0029	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0032 (1)	0.0032	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0074	0.0031	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.224	0.0028	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0047	0.0029	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	1.16	0.0037	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0362	0.0042	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0170	0.0023	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0989	0.0038	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.575	0.0036	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0259	0.0036	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0476	0.0024	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.348	0.0036	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0207	0.0033	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0136	0.0035	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0257	0.0046	0.010	0.000100	0.00000257	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0140	0.0033	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.010	0.000300	0.00000135	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0295	0.0046	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.01	0.0042	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0543	0.0042	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.242	0.0031	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.500	0.0033	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0654	0.0037	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.87	0.0032	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.361	0.0039	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0037	0.0037	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.596	0.0035	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0107	0.0034	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.774	0.0045	0.010	0.0000300	0.0000232	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.173	0.0036	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0350	0.0038	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.964	0.0031	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0060	0.0030	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0474	0.0044	0.010	0.0000300	0.00000142	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	2.39	0.0045	0.010	0.0000300	0.0000717	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0041	0.0029	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0287	0.0049	0.010	0.0000300	0.000000861	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0042	0.0042	0.010	0.100	0.000420	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.407	0.0078	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	4.48	0.0087	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.150	0.010	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.215	0.0092	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0934	0.0088	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.673	0.0042	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0554	0.0029	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.166	0.012	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0262	0.0081	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.128	0.0078	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0534	0.0044	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.794	0.0079	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	1.21	0.0077	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.0075	0.0040	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	5.48	0.0070	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0658	0.0035	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0118	0.0038	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.254	0.0038	0.020	0.0000300	0.00000762	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.164	0.0059	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0124	0.0030	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0705	0.0055	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0075	0.0069	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.106	0.0036	0.010	0.0000300	0.00000318	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.010	0.0300	0.000111	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.296 (1)	0.0045	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0873 (1)	0.0060	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0660 (1)	0.0061	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0949 (1)	0.0056	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0139 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	<0.013 (2)	0.013	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.252 (1)	0.0059	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.223 (1)	0.0051	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0909 (1)	0.0037	0.010	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.949 (1)	0.0046	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0056 (1)	0.0056	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	0.0059 (1)	0.0048	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.214 (1)	0.0042	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0100 (1)	0.0035	0.010	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.0083 (1)	0.0083	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0038 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	1.12 (1)	0.0046	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.012 (3)	0.012	0.10	0.0000300	0.000000360	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0727 (1)	0.0048	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0112 (1)	0.0046	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0047 (1)	0.0047	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.105 (1)	0.0059	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0309 (1)	0.0064	0.10	N/A	N/A	N/A	6410254

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(3) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	0.070 (1)	0.022	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.031 (1)	0.031	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.199 (1)	0.022	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.011 (1)	0.011	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	<0.016 (1)	0.016	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.092 (1)	0.018	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.113 (1)	0.020	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.016 (1)	0.016	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.040	0.017	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	0.026	0.018	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.025	0.011	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000643	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	128	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	83 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	81 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	84 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	91 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	49	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	121	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0053	0.0032	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0083	0.0033	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0501	0.0028	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.182	0.0019	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0143	0.0018	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0219	0.0020	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0048	0.0018	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0175	0.0019	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0036	0.0025	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.148	0.0018	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.0029	0.0022	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	0.0092	0.0017	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0066	0.0029	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0437	0.0020	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0621	0.0024	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	0.0075	0.0023	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.459	0.0019	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0042 (1)	0.0042	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0156	0.0020	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.299	0.0018	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.0043 (1)	0.0043	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	1.06	0.0024	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0495	0.0027	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0307	0.0015	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.120	0.0024	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.772	0.0023	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0518	0.0023	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.163	0.0016	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.425	0.0023	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0045	0.0021	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0300	0.0021	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0194	0.0022	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	0.0022	0.0014	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0273	0.0029	0.010	0.000100	0.00000273	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0197	0.0021	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0029	0.0029	0.010	0.000300	0.000000870	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0430	0.0065	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	2.81	0.0059	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0777	0.0060	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.551	0.0045	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.586	0.0047	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.131	0.0053	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.80	0.0046	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.434	0.0056	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0199	0.0052	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.656	0.0050	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0107	0.0048	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	1.02	0.0029	0.010	0.0000300	0.0000306	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.266	0.0024	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0526	0.0025	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	1.32	0.0045	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0098	0.0042	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0630	0.0029	0.010	0.0000300	0.00000189	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	3.34	0.0030	0.010	0.0000300	0.000100	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0105	0.0041	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	0.0101	0.0030	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0501	0.0032	0.010	0.0000300	0.00000150	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0028	0.0028	0.010	0.100	0.000280	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.603	0.0044	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	5.90	0.0049	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.173	0.0058	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.276	0.0052	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.123	0.0049	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.0522	0.0052	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.833	0.0034	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0727	0.0023	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.199	0.0067	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0454	0.0045	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.117	0.0044	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0514	0.0035	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	1.05	0.0045	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	1.23	0.0043	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	0.0100	0.0032	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	6.88	0.0039	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0921	0.0028	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0192	0.0030	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.334	0.0059	0.020	0.0000300	0.0000100	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.215	0.0033	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0259	0.0047	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.107	0.0031	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0085	0.0039	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.173	0.0056	0.010	0.0000300	0.00000519	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0057	0.0057	0.010	0.0300	0.000171	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.311 (1)	0.0056	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.111 (1)	0.0073	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0814 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.111 (1)	0.0068	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0144 (1)	0.0053	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0118 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.248 (1)	0.0072	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.288 (1)	0.0054	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.120 (1)	0.0040	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	1.16 (1)	0.0057	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0068 (1)	0.0068	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0051 (1)	0.0051	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.223 (1)	0.0052	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0135 (1)	0.0038	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.010 (1)	0.010	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0041 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	1.28 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0141 (1)	0.0057	0.10	0.0000300	0.000000423	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0809 (1)	0.0059	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0138 (1)	0.0057	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0058 (1)	0.0058	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.124 (1)	0.0071	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0398 (1)	0.0077	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.061 (1)	0.015	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.021 (1)	0.021	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.188 (1)	0.015	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0073 (1)	0.0073	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.019 (1)	0.011	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.097 (1)	0.012	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	0.119 (1)	0.014	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.011 (1)	0.011	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.0446 (1)	0.0061	0.10	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052 (1)	0.0052	0.10	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	0.017	0.015	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0222	0.0050	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000604	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	104 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	98 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	131	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	96 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	87 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	104 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	50	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	124	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.0033	0.0011	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	0.0219	0.0049	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	0.0534	0.0037	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	0.0375	0.0035	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0218	0.0019	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0699	0.0020	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.257	0.0016	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.220	0.0029	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0307	0.0029	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0234	0.0032	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0259	0.0028	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0631	0.0030	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0426	0.0015	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.164	0.0028	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	0.0244	0.0013	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
33'5-TriCB-(36)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0525	0.0024	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0664	0.0028	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.432	0.0022	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0062	0.0023	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0300	0.0024	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.312	0.0021	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0029	0.0022	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	1.11	0.0028	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0381	0.0032	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0260	0.0017	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0740	0.0029	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.579	0.0028	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0297	0.0028	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.127	0.0018	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.289	0.0027	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0035	0.0025	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0185	0.0026	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	0.0036	0.0016	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0182	0.0035	0.010	0.000100	0.00000182	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0080	0.0025	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.010	0.000300	0.00000102	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0250	0.0057	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	2.00	0.0052	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0588	0.0052	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.321	0.0039	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.424	0.0041	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0821	0.0046	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.63	0.0040	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.342	0.0049	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0109	0.0045	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.454	0.0044	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0083	0.0042	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.639	0.0054	0.010	0.0000300	0.0000192	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.166	0.0044	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0380	0.0047	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.855	0.0039	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0068	0.0037	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0408	0.0054	0.010	0.0000300	0.00000122	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	2.12	0.0055	0.010	0.0000300	0.0000636	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0381	0.0060	0.010	0.0000300	0.00000114	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0051	0.0051	0.010	0.100	0.000510	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.401	0.0046	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	4.44	0.0052	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.154	0.0062	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.177	0.0055	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.101	0.0052	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.0347	0.0055	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.673	0.0033	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0433	0.0022	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.187	0.0071	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0279	0.0048	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.146	0.0046	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0497	0.0034	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.834	0.0047	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.901	0.0046	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	5.39	0.0042	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0562	0.0027	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0139	0.0029	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.243	0.0072	0.020	0.0000300	0.00000729	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.165	0.0035	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0209	0.0057	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0650	0.0033	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0071	0.0041	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.111	0.0068	0.010	0.0000300	0.00000333	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0069	0.0069	0.010	0.0300	0.000207	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.249 (1)	0.0048	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0837 (1)	0.0063	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0752 (1)	0.0064	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0866 (1)	0.0058	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0140 (1)	0.0058	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	<0.0095 (2)	0.0095	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.182 (1)	0.0062	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.218 (1)	0.0060	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0856 (1)	0.0043	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.880 (1)	0.0049	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0058 (1)	0.0058	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	0.0070 (1)	0.0056	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.210 (1)	0.0044	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0112 (1)	0.0041	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.0087 (1)	0.0087	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0045 (1)	0.0045	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	1.00 (1)	0.0053	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	0.0097 (1)	0.0052	0.10	0.0000300	0.000000291	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0504 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0152 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0049 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0926 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0261 (1)	0.0054	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0550 (1)	0.0066	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	0.0227 (1)	0.0096	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.155 (1)	0.0066	0.20	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0033 (1)	0.0033	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0167 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0702 (1)	0.0054	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0830 (1)	0.0061	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0049 (1)	0.0049	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	0.031	0.016	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	0.0205	0.0060	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000816	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	129	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	96 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	126	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	105 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	97 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	78	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	100 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	92	N/A	N/A	N/A	N/A	N/A	6410254

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	56	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	111	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	0.0066	0.0023	0.0099	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0262	0.0019	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.0819	0.0020	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0078	0.0019	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0118	0.0022	0.0099	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0741	0.0019	0.0099	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0155	0.0069	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0261	0.0082	0.0099	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.206	0.0063	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0072	0.0068	0.0099	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.144	0.0062	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.574	0.0082	0.0099	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0283	0.0029	0.0099	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0152	0.0050	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0573	0.0026	0.0099	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.425	0.0025	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0192	0.0025	0.0099	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0715	0.0053	0.0099	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.206	0.0024	0.0099	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0153	0.0023	0.0099	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0095	0.0024	0.0099	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0170	0.0031	0.0099	0.000100	0.00000170	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6410254
33'45'-TetraCB(79)	ng/g	0.0129	0.0023	0.0099	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.0099	0.000300	0.000000930	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0130	0.0053	0.0099	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.30	0.0048	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0410	0.0049	0.0099	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.211	0.0037	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.304	0.0038	0.059	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0523	0.0043	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.11	0.0038	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.229	0.0046	0.0099	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0043	0.0043	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.309	0.0041	0.0099	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	0.0063	0.0039	0.0099	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.458	0.0027	0.0099	0.0000300	0.0000137	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.124	0.0021	0.0099	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0318	0.0023	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.620	0.0036	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0053	0.0034	0.0099	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0309	0.0027	0.0099	0.0000300	0.000000927	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.59	0.0027	0.0099	0.0000300	0.0000477	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0055	0.0034	0.0099	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0235	0.0029	0.0099	0.0000300	0.000000705	N/A	6410254
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.0099	0.100	0.000250	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.260	0.0044	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	2.93	0.0050	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.0873	0.0059	0.0099	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.116	0.0052	0.0099	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.0665	0.0050	0.0099	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.0148	0.0052	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.459	0.0029	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0301	0.0020	0.0099	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.123	0.0067	0.0099	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.0229	0.0046	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.117	0.0044	0.0099	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0377	0.0030	0.0099	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.501	0.0045	0.0099	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.553	0.0044	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	3.78	0.0040	0.0099	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0461	0.0024	0.0099	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0115	0.0026	0.0099	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.171	0.0079	0.020	0.0000300	0.00000513	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.124	0.0034	0.0099	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0109	0.0063	0.0099	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0469	0.0031	0.0099	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	0.0051	0.0039	0.0099	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.0876	0.0075	0.0099	0.0000300	0.00000263	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0077	0.0077	0.0099	0.0300	0.000231	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.195 (1)	0.0064	0.099	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0512 (1)	0.0084	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0520 (1)	0.0085	0.099	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.0670 (1)	0.0078	0.099	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0093 (1)	0.0073	0.099	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0078 (1)	0.0057	0.099	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.102 (1)	0.0083	0.099	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.161 (1)	0.0075	0.099	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0606 (1)	0.0055	0.099	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.686 (1)	0.0065	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0078 (1)	0.0078	0.099	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0071 (1)	0.0071	0.099	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.149 (1)	0.0059	0.099	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0074 (1)	0.0052	0.099	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.012 (1)	0.012	0.099	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0057 (1)	0.0057	0.099	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.632 (1)	0.0068	0.099	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.013 (1)	0.013	0.099	0.0000300	0.000000390	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	<0.044 (2)	0.044	0.099	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0109 (1)	0.0065	0.099	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0066 (1)	0.0066	0.099	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0689 (1)	0.0090	0.099	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	<0.019 (2)	0.019	0.099	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.042 (1)	0.010	0.099	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.015 (1)	0.015	0.099	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.109 (1)	0.010	0.20	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0051 (1)	0.0051	0.099	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	<0.0085 (2)	0.0085	0.099	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0548 (1)	0.0085	0.099	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	<0.059 (2)	0.059	0.099	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0076 (1)	0.0076	0.099	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000555	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	82 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	103	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	82 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	82 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	60	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	86 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	93	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	60	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	51	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	107	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.015	0.011	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.106	0.0048	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0165	0.0051	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0122	0.0050	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.0805	0.0047	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	<0.012	0.012	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.022	0.013	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.196	0.011	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.150	0.010	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.447	0.012	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.020	0.016	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0131	0.0084	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.069	0.015	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.424	0.014	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.028	0.014	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.0724	0.0090	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.246	0.014	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.020	0.013	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.018	0.017	0.010	0.000100	0.00000180	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.017	0.017	0.010	0.000300	0.00000510	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.35	0.020	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.031	0.019	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.182	0.015	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.270	0.015	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.053	0.017	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	0.983	0.015	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.207	0.019	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.017	0.017	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.258	0.017	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.493	0.011	0.010	0.0000300	0.0000148	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.129	0.010	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.025	0.010	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.538	0.013	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.034	0.011	0.010	0.0000300	0.00000102	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.65	0.012	0.010	0.0000300	0.0000495	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	<0.013	0.013	0.010	0.0000300	0.000000390	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.011	0.011	0.010	0.100	0.00110	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.235	0.020	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	2.70	0.022	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.052	0.028	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.027	0.027	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.115	0.023	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.078	0.023	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.025	0.025	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.408	0.013	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0405	0.0096	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.137	0.030	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.021	0.021	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.132	0.022	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.031	0.013	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.518	0.021	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.533	0.020	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	3.70	0.018	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.043	0.011	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.182	0.019	0.020	0.0000300	0.00000546	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.104	0.015	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.051	0.015	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.093	0.018	0.010	0.0000300	0.00000279	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.018	0.018	0.010	0.0300	0.000540	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.199 (1)	0.0083	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	<0.055 (1)	0.055	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.056 (1)	0.011	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	<0.054 (1)	0.054	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	<0.017 (1)	0.017	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	<0.013 (1)	0.013	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	<0.086 (1)	0.086	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.162 (1)	0.018	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.059 (1)	0.013	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.675 (1)	0.0085	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.010 (1)	0.010	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.017 (1)	0.017	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.143 (1)	0.0077	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	<0.012 (1)	0.012	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.015 (1)	0.015	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.013 (1)	0.013	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.700 (1)	0.016	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.070	0.070	0.010	0.0000300	0.00000210	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0481 (1)	0.0088	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	<0.0085 (1)	0.0085	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0086 (1)	0.0086	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.067 (1)	0.012	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	<0.013 (1)	0.013	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.039 (1)	0.018	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.026 (1)	0.026	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.084 (1)	0.084	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0087 (1)	0.0087	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.014 (1)	0.013	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	<0.043 (1)	0.043	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.060 (1)	0.016	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.013 (1)	0.013	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.082	0.082	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.071	0.071	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.088	0.088	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.091	0.091	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00172	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	72 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	80 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	75 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	69	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	65	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	51	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	41	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	126	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6410254

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) ** From 10X Dilution **

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	78	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	62	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	69	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	68	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	78	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6491814
3-MonoCB-(2)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6491814
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6491814
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6491814
2,3-DiCB-(5)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6491814
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6491814
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6491814
2,4'-DiCB-(8)	ng/g	<0.0070 (1)	0.0070	0.0099	N/A	N/A	N/A	6491814
2,5-DiCB-(9)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6491814
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6491814
3,3'-DiCB-(11)	ng/g	0.0074	0.0017	0.0099	N/A	N/A	N/A	6491814
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6491814
3,5-DiCB-(14)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6491814
4,4'-DiCB-(15)	ng/g	<0.0025 (1)	0.0025	0.0099	N/A	N/A	N/A	6491814
22'3-TriCB-(16)	ng/g	0.0115	0.0040	0.0099	N/A	N/A	N/A	6491814
22'4-TriCB-(17)	ng/g	0.0103	0.0031	0.0099	N/A	N/A	N/A	6491814
TriCB-(18)+(30)	ng/g	0.0547	0.0027	0.020	N/A	N/A	N/A	6491814
22'6-TriCB-(19)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6491814
TriCB-(20) + (28)	ng/g	0.281	0.0022	0.020	N/A	N/A	N/A	6491814
TriCB-(21)+(33)	ng/g	0.0222	0.0022	0.020	N/A	N/A	N/A	6491814
234'-TriCB-(22)	ng/g	0.0319	0.0023	0.0099	N/A	N/A	N/A	6491814
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6491814
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6491814
23'4-TriCB-(25)	ng/g	0.0065	0.0022	0.0099	N/A	N/A	N/A	6491814
TriCB-(26)+(29)	ng/g	0.0279	0.0022	0.020	N/A	N/A	N/A	6491814
23'6-TriCB-(27)	ng/g	0.0035	0.0024	0.0099	N/A	N/A	N/A	6491814
24'5-TriCB-(31)	ng/g	0.206	0.0022	0.0099	N/A	N/A	N/A	6491814
24'6-TriCB-(32)	ng/g	0.0031	0.0022	0.0099	N/A	N/A	N/A	6491814
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6491814
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6491814

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6491814
344'-TriCB-(37)	ng/g	0.0087	0.0035	0.0099	N/A	N/A	N/A	6491814
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6491814
34'5-TriCB-(39)	ng/g	0.0036	0.0021	0.0099	N/A	N/A	N/A	6491814
TetraCB-(40)+(41)+(71)	ng/g	0.0535	0.0042	0.030	N/A	N/A	N/A	6491814
22'34'-TetraCB-(42)	ng/g	0.0597	0.0046	0.0099	N/A	N/A	N/A	6491814
22'35-TetraCB-(43)	ng/g	0.0104	0.0053	0.0099	N/A	N/A	N/A	6491814
TetraCB-(44)+(47)+(65)	ng/g	0.525	0.0039	0.030	N/A	N/A	N/A	6491814
TetraCB-(45)+(51)	ng/g	0.0064	0.0043	0.020	N/A	N/A	N/A	6491814
22'36'-TetraCB-(46)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6491814
22'45-TetraCB-(48)	ng/g	0.0133	0.0040	0.0099	N/A	N/A	N/A	6491814
TetraCB-(49)+TetraCB-(69)	ng/g	0.301	0.0037	0.020	N/A	N/A	N/A	6491814
TetraCB-(50)+(53)	ng/g	0.0104	0.0041	0.020	N/A	N/A	N/A	6491814
22'55'-TetraCB-(52)	ng/g	1.07	0.0039	0.0099	N/A	N/A	N/A	6491814
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6491814
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6491814
233'4'-Tetra CB(56)	ng/g	0.0550	0.0023	0.0099	N/A	N/A	N/A	6491814
233'5-TetraCB-(57)	ng/g	0.0037	0.0022	0.0099	N/A	N/A	N/A	6491814
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6491814
TetraCB-(59)+(62)+(75)	ng/g	0.0287	0.0031	0.030	N/A	N/A	N/A	6491814
2344'-TetraCB -(60)	ng/g	0.171	0.0022	0.0099	N/A	N/A	N/A	6491814
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.03	0.0021	0.039	N/A	N/A	N/A	6491814
234'5-TetraCB-(63)	ng/g	0.0420	0.0021	0.0099	N/A	N/A	N/A	6491814
234'6-TetraCB-(64)	ng/g	0.167	0.0033	0.0099	N/A	N/A	N/A	6491814
23'44'-TetraCB-(66)	ng/g	0.566	0.0020	0.0099	N/A	N/A	N/A	6491814
23'45-TetraCB-(67)	ng/g	0.0048	0.0020	0.0099	N/A	N/A	N/A	6491814
23'45'-TetraCB-(68)	ng/g	0.0321	0.0021	0.0099	N/A	N/A	N/A	6491814
23'55'-TetraCB-(72)	ng/g	0.0202	0.0022	0.0099	N/A	N/A	N/A	6491814
23'5'6-TetraCB-(73)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6491814
33'44'-TetraCB-(77)	ng/g	0.0354	0.0028	0.0099	0.000100	0.00000354	N/A	6491814
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6491814
33'45'-TetraCB(79)	ng/g	0.0132	0.0019	0.0099	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	0.0050	0.0019	0.0099	N/A	N/A	N/A	6491814
344'5-TetraCB-(81)	ng/g	0.0031	0.0026	0.0099	0.000300	0.000000930	N/A	6491814
22'33'4-PentaCB-(82)	ng/g	0.0345	0.0034	0.0099	N/A	N/A	N/A	6491814
PentaCB-(83)+(99)	ng/g	2.45	0.0031	0.020	N/A	N/A	N/A	6491814
22'33'6-PentaCB-(84)	ng/g	0.0827	0.0033	0.0099	N/A	N/A	N/A	6491814
PentaCB-(85)+(116)+(117)	ng/g	0.455	0.0024	0.030	N/A	N/A	N/A	6491814
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.639	0.0026	0.059	N/A	N/A	N/A	6491814
PentaCB-(88)+(91)	ng/g	0.114	0.0030	0.020	N/A	N/A	N/A	6491814
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6491814
PentaCB-(90)+(101)+(113)	ng/g	2.33	0.0026	0.030	N/A	N/A	N/A	6491814
22'355'-PentaCB-(92)	ng/g	0.451	0.0032	0.0099	N/A	N/A	N/A	6491814
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0300	0.0030	0.039	N/A	N/A	N/A	6491814
22'356'-PentaCB-(94)	ng/g	0.0040	0.0032	0.0099	N/A	N/A	N/A	6491814
22'35'6-PentaCB-(95)	ng/g	0.670	0.0028	0.0099	N/A	N/A	N/A	6491814
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6491814
22'45'6-PentaCB-(103)	ng/g	0.0132	0.0027	0.0099	N/A	N/A	N/A	6491814
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6491814
233'44'-PentaCB-(105)	ng/g	0.929	0.0020	0.0099	0.0000300	0.0000279	N/A	6491814
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6491814
233'4'5-PentaCB-(107)	ng/g	0.234	0.0016	0.0099	N/A	N/A	N/A	6491814
PentaCB-(108)+(124)	ng/g	0.0528	0.0017	0.020	N/A	N/A	N/A	6491814
PentaCB-(110)+(115)	ng/g	1.05	0.0023	0.020	N/A	N/A	N/A	6491814
233'55'-PentaCB-(111)	ng/g	0.0079	0.0022	0.0099	N/A	N/A	N/A	6491814
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6491814
2344'5-PentaCB-(114)	ng/g	0.0732	0.0020	0.0099	0.0000300	0.00000220	N/A	6491814
23'44'5-PentaCB-(118)	ng/g	2.72	0.0020	0.0099	0.0000300	0.0000816	N/A	6491814
23'455'-PentaCB-(120)	ng/g	0.0052	0.0022	0.0099	N/A	N/A	N/A	6491814
23'45'6-PentaCB-(121)	ng/g	0.0046	0.0022	0.0099	N/A	N/A	N/A	6491814
233'4'5'-PentaCB-(122)	ng/g	0.0181	0.0018	0.0099	N/A	N/A	N/A	6491814
23'44'5'-PentaCB-(123)	ng/g	0.0518	0.0022	0.0099	0.0000300	0.00000155	N/A	6491814
33'44'5-PentaCB-(126)	ng/g	0.0045	0.0019	0.0099	0.100	0.000450	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0033 (1)	0.0033	0.0099	N/A	N/A	N/A	6491814
HexaCB-(128)+(166)	ng/g	0.621	0.0041	0.020	N/A	N/A	N/A	6491814
HexaCB-(129)+(138)+(163)	ng/g	5.84	0.0043	0.030	N/A	N/A	N/A	6491814
22'33'45'-HexaCB-(130)	ng/g	0.231	0.0052	0.0099	N/A	N/A	N/A	6491814
22'33'46-HexaCB-(131)	ng/g	0.0092	0.0054	0.0099	N/A	N/A	N/A	6491814
22'33'46'-HexaCB-(132)	ng/g	0.299	0.0048	0.0099	N/A	N/A	N/A	6491814
22'33'55'-HexaCB-(133)	ng/g	0.139	0.0047	0.0099	N/A	N/A	N/A	6491814
HexaCB-(134)+(143)	ng/g	0.0874	0.0050	0.020	N/A	N/A	N/A	6491814
HexaCB-(135)+(151)	ng/g	0.881	0.0046	0.020	N/A	N/A	N/A	6491814
22'33'66'-HexaCB-(136)	ng/g	0.0853	0.0034	0.0099	N/A	N/A	N/A	6491814
22'344'5-HexaCB-(137)	ng/g	0.202	0.0053	0.0099	N/A	N/A	N/A	6491814
HexaCB-(139)+(140)	ng/g	0.0443	0.0042	0.020	N/A	N/A	N/A	6491814
22'3455'-HexaCB-(141)	ng/g	0.336	0.0045	0.0099	N/A	N/A	N/A	6491814
22'3456-HexaCB-(142)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6491814
22'345'6-HexaCB-(144)	ng/g	0.0750	0.0051	0.0099	N/A	N/A	N/A	6491814
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6491814
22'34'55'-HexaCB-(146)	ng/g	1.08	0.0040	0.0099	N/A	N/A	N/A	6491814
HexaCB-(147)+(149)	ng/g	1.67	0.0041	0.020	N/A	N/A	N/A	6491814
22'34'56'-HexaCB-(148)	ng/g	0.0091	0.0045	0.0099	N/A	N/A	N/A	6491814
22'34'66'-HexaCB-(150)	ng/g	0.0035	0.0031	0.0099	N/A	N/A	N/A	6491814
22'3566'-HexaCB-(152)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6491814
HexaCB-(153)+(168)	ng/g	7.46	0.0036	0.0099	N/A	N/A	N/A	6491814
22'44'56'-HexaCB-(154)	ng/g	0.0876	0.0039	0.0099	N/A	N/A	N/A	6491814
22'44'66'-HexaCB-(155)	ng/g	0.0205	0.0022	0.0099	N/A	N/A	N/A	6491814
HexaCB-(156)+(157)	ng/g	0.291	0.0019	0.020	0.0000300	0.00000873	N/A	6491814
233'44'6-HexaCB-(158)	ng/g	0.206	0.0032	0.0099	N/A	N/A	N/A	6491814
233'455'-HexaCB-(159)	ng/g	0.0144	0.0016	0.0099	N/A	N/A	N/A	6491814
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6491814
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6491814
233'4'55'-HexaCB-(162)	ng/g	0.0289	0.0015	0.0099	N/A	N/A	N/A	6491814
233'4'5'6-HexaCB-(164)	ng/g	0.0859	0.0030	0.0099	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	0.0133	0.0037	0.0099	N/A	N/A	N/A	6491814
23'44'55'-HexaCB-(167)	ng/g	0.150	0.0018	0.0099	0.0000300	0.00000450	N/A	6491814
33'44'55'-HexaCB-(169)	ng/g	0.0112	0.0019	0.0099	0.0300	0.000336	N/A	6491814
22'33'44'5-HeptaCB-(170)	ng/g	0.315	0.0034	0.0099	N/A	N/A	N/A	6491814
HeptaCB-(171)+(173)	ng/g	0.112	0.0043	0.020	N/A	N/A	N/A	6491814
22'33'455'-HeptaCB-(172)	ng/g	0.0991	0.0049	0.0099	N/A	N/A	N/A	6491814
22'33'456'-HeptaCB-(174)	ng/g	0.140	0.0044	0.0099	N/A	N/A	N/A	6491814
22'33'45'6-HeptaCB-(175)	ng/g	0.0264	0.0063	0.0099	N/A	N/A	N/A	6491814
22'33'466'-HeptaCB-(176)	ng/g	0.0240	0.0049	0.0099	N/A	N/A	N/A	6491814
22'33'45'6'-HeptaCB-(177)	ng/g	0.294	0.0049	0.0099	N/A	N/A	N/A	6491814
22'33'55'6-HeptaCB-(178)	ng/g	0.331	0.0068	0.0099	N/A	N/A	N/A	6491814
22'33'566'-HeptaCB-(179)	ng/g	0.161	0.0049	0.0099	N/A	N/A	N/A	6491814
HeptaCB-(180)+(193)	ng/g	1.13	0.0036	0.020	N/A	N/A	N/A	6491814
22'344'56-HeptaCB-(181)	ng/g	0.0112	0.0042	0.0099	N/A	N/A	N/A	6491814
22'344'56'-HeptaCB-(182)	ng/g	0.0175	0.0059	0.0099	N/A	N/A	N/A	6491814
22'344'5'6-HeptaCB-(183)	ng/g	0.362	0.0045	0.0099	N/A	N/A	N/A	6491814
22'344'66'-HeptaCB-(184)	ng/g	0.0199	0.0046	0.0099	N/A	N/A	N/A	6491814
22'3455'6-HeptaCB-(185)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6491814
22'34566'-HeptaCB-(186)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6491814
22'34'55'6-HeptaCB-(187)	ng/g	1.63	0.0060	0.0099	N/A	N/A	N/A	6491814
22'34'566'-HeptaCB-(188)	ng/g	0.0069	0.0044	0.0099	N/A	N/A	N/A	6491814
233'44'55'-HeptaCB-(189)	ng/g	0.0143	0.0036	0.0099	0.0000300	0.000000429	N/A	6491814
233'44'56-HeptaCB-(190)	ng/g	0.0683	0.0038	0.0099	N/A	N/A	N/A	6491814
233'44'5'6-HeptaCB-(191)	ng/g	0.0142	0.0035	0.0099	N/A	N/A	N/A	6491814
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6491814
22'33'44'55'-OctaCB-(194)	ng/g	0.0827	0.0065	0.0099	N/A	N/A	N/A	6491814
22'33'44'56-OctaCB-(195)	ng/g	0.0331	0.0068	0.0099	N/A	N/A	N/A	6491814
22'33'44'56'-OctaCB-(196)	ng/g	0.0649	0.0066	0.0099	N/A	N/A	N/A	6491814
22'33'44'66'OctaCB-(197)	ng/g	0.0100	0.0043	0.0099	N/A	N/A	N/A	6491814
OctaCB-(198)+(199)	ng/g	0.181	0.0065	0.020	N/A	N/A	N/A	6491814
22'33'4566'-OctaCB-(200)	ng/g	0.0069	0.0046	0.0099	N/A	N/A	N/A	6491814
22'33'45'66'-OctaCB-(201)	ng/g	0.0270	0.0044	0.0099	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	0.0910	0.0044	0.0099	N/A	N/A	N/A	6491814
22'344'55'6-OctaCB-(203)	ng/g	0.0913	0.0061	0.0099	N/A	N/A	N/A	6491814
22'344'566'-OctaCB-(204)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6491814
233'44'55'6-OctaCB-(205)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6491814
22'33'44'55'6-NonaCB-(206)	ng/g	0.0279	0.0068	0.0099	N/A	N/A	N/A	6491814
22'33'44'566'-NonaCB-(207)	ng/g	0.0093	0.0061	0.0099	N/A	N/A	N/A	6491814
22'33'455'66'-NonaCB-(208)	ng/g	0.0142	0.0069	0.0099	N/A	N/A	N/A	6491814
DecaCB-(209)	ng/g	0.0162	0.0035	0.0099	N/A	N/A	N/A	6491814
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000917	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'55'6-NonaCB-(206)	%	112	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'5-HeptaCB-(170)	%	124	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'455'66'-NonaCB-(208)	%	100	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'6-HeptaCB-(178)	%	124	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'34'566'-HeptaCB-(188)	%	94	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'44'66'-HexaCB-(155)	%	110	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'466'-PentaCB-(104)	%	96	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'66'-TetraCB-(54)	%	105	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'6-TriCB-(19)	%	75	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'-DiCB-(4)	%	81	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'6-OctaCB-(205)	%	73	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'-PentaCB-(105)	%	87	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6491814
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'5-PentaCB-(118)	%	86	N/A	N/A	N/A	N/A	N/A	6491814

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6491814
C13-2-MonoCB-(1)	%	56	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'5-PentaCB-(126)	%	74	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'-TetraCB-(77)	%	78	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'5-TetraCB-(81)	%	78	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'-TriCB-(37)	%	76	N/A	N/A	N/A	N/A	N/A	6491814
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	6491814
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6491814
C13-DecaCB-(209)	%	136	N/A	N/A	N/A	N/A	N/A	6491814
C13-HexaCB-(156)+(157)	%	86	N/A	N/A	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	0.0054	0.0033	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	<0.0051 (1)	0.0051	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0423	0.0029	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.154	0.0023	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0115	0.0022	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0218	0.0025	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	0.0050	0.0022	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	<0.017 (1)	0.017	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	0.0035	0.0026	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.137	0.0022	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.0432	0.0023	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.0506	0.0027	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.372	0.0021	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	0.0042	0.0022	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	0.0101	0.0023	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.199	0.0020	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	0.0043	0.0021	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.880	0.0027	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0376	0.0040	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0269	0.0017	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.110	0.0036	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.689	0.0035	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0334	0.0035	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.120	0.0018	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.406	0.0035	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	0.0047	0.0031	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0270	0.0032	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	0.0136	0.0034	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.0251	0.0044	0.010	0.000100	0.00000251	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0083 (1)	0.0083	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.0043	0.0043	0.010	0.000300	0.00000129	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0334	0.0071	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	2.19	0.0064	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0697	0.0065	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.311	0.0049	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.443	0.0051	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0854	0.0057	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.53	0.0050	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.315	0.0061	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0057	0.0057	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.527	0.0055	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.0081 (1)	0.0081	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.770	0.0058	0.010	0.0000300	0.0000231	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.185	0.0047	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0396	0.0050	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.920	0.0049	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	0.0072	0.0046	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.0453	0.0058	0.010	0.0000300	0.00000136	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	2.37	0.0059	0.010	0.0000300	0.0000711	N/A	6410254
23'455'-PentaCB-(120)	ng/g	0.0122	0.0045	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.0259	0.0064	0.010	0.0000300	0.000000777	N/A	6410254

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RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0055	0.0055	0.010	0.100	0.000550	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.381	0.011	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	4.31	0.012	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.136	0.015	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.198	0.013	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	0.097	0.012	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	0.045	0.013	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.656	0.0044	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0659	0.0030	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	0.180	0.017	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.031	0.011	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.139	0.011	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.0519	0.0045	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.816	0.011	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	1.05	0.011	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	5.58	0.0098	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0684	0.0036	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	0.0139	0.0039	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.230	0.0065	0.020	0.0000300	0.00000690	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	0.167	0.0084	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6410254
233'4'55'-HexaCB-(162)	ng/g	0.0149	0.0052	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.0708	0.0077	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.117	0.0062	0.010	0.0000300	0.00000351	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.0064	0.0064	0.010	0.0300	0.000192	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.224 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.0807 (1)	0.0097	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	0.0659 (1)	0.0099	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.100 (1)	0.0091	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	0.0102 (1)	0.0046	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0138 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.141 (1)	0.0096	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.200 (1)	0.0048	0.10	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0880 (1)	0.0035	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.831 (1)	0.0076	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.0090 (1)	0.0090	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0045 (1)	0.0045	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.189 (1)	0.0069	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	0.0094 (1)	0.0033	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.013 (1)	0.013	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0036 (1)	0.0036	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.940 (1)	0.0043	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.012 (2)	0.012	0.10	0.0000300	0.000000360	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	<0.040 (2)	0.040	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	0.0128 (1)	0.0075	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0077 (1)	0.0077	0.10	N/A	N/A	N/A	6410254
22'33'44'55'-OctaCB-(194)	ng/g	0.0696 (1)	0.0079	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	0.0182 (1)	0.0086	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.0549 (1)	0.0054	0.10	N/A	N/A	N/A	6410254

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QC Batch = Quality Control Batch

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	0.0168 (1)	0.0078	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.140 (1)	0.0054	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0027 (1)	0.0027	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0149 (1)	0.0040	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0662 (1)	0.0044	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0726 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0040 (1)	0.0040	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.049	0.049	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.041	0.041	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.053	0.053	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000853	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	137	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	101 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	99 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	97 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	64	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	96 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	125	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6410254
3-MonoCB-(2)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6410254
4-MonoCB-(3)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
22'-DiCB-(4)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6410254
2,3-DiCB-(5)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
2,3'-DiCB-(6)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6410254
2,4-DiCB-(7)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6410254
2,4'-DiCB-(8)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
2,5-DiCB-(9)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6410254
2,6-DiCB-(10)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6410254
3,3'-DiCB-(11)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6410254
DiCB-(12)+(13)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6410254
3,5-DiCB-(14)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6410254
4,4'-DiCB-(15)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6410254
22'3-TriCB-(16)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
22'4-TriCB-(17)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6410254
TriCB-(18)+(30)	ng/g	0.0254	0.0077	0.020	N/A	N/A	N/A	6410254
22'6-TriCB-(19)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6410254
TriCB-(20) + (28)	ng/g	0.138	0.0051	0.020	N/A	N/A	N/A	6410254
TriCB-(21)+(33)	ng/g	0.0146	0.0048	0.020	N/A	N/A	N/A	6410254
234'-TriCB-(22)	ng/g	0.0168	0.0053	0.010	N/A	N/A	N/A	6410254
235-TriCB-(23)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
236-TriCB-(24)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6410254
23'4-TriCB-(25)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
TriCB-(26)+(29)	ng/g	0.0144	0.0052	0.020	N/A	N/A	N/A	6410254
23'6-TriCB-(27)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6410254
24'5-TriCB-(31)	ng/g	0.109	0.0049	0.010	N/A	N/A	N/A	6410254
24'6-TriCB-(32)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6410254
23'5'-TriCB-(34)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6410254
33'4-TriCB-(35)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6410254
344'-TriCB-(37)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6410254
345-TriCB-(38)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
34'5-TriCB-(39)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6410254
TetraCB-(40)+(41)+(71)	ng/g	0.041	0.011	0.030	N/A	N/A	N/A	6410254
22'34'-TetraCB-(42)	ng/g	0.040	0.012	0.010	N/A	N/A	N/A	6410254
22'35-TetraCB-(43)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
TetraCB-(44)+(47)+(65)	ng/g	0.262	0.010	0.030	N/A	N/A	N/A	6410254
TetraCB-(45)+(51)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6410254
22'36'-TetraCB-(46)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6410254
22'45-TetraCB-(48)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
TetraCB-(49)+TetraCB-(69)	ng/g	0.165	0.0096	0.020	N/A	N/A	N/A	6410254
TetraCB-(50)+(53)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6410254
22'55'-TetraCB-(52)	ng/g	0.588	0.011	0.010	N/A	N/A	N/A	6410254
22'66'-TetraCB-(54)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6410254
233'4-TetraCB-(55)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6410254
233'4'-Tetra CB(56)	ng/g	0.0285	0.0096	0.010	N/A	N/A	N/A	6410254
233'5-TetraCB-(57)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
233'5'-TetraCB-(58)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6410254
TetraCB-(59)+(62)+(75)	ng/g	0.0196	0.0079	0.030	N/A	N/A	N/A	6410254
2344'-TetraCB -(60)	ng/g	0.0837	0.0091	0.010	N/A	N/A	N/A	6410254
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.523	0.0085	0.040	N/A	N/A	N/A	6410254
234'5-TetraCB-(63)	ng/g	0.0265	0.0085	0.010	N/A	N/A	N/A	6410254
234'6-TetraCB-(64)	ng/g	0.108	0.0085	0.010	N/A	N/A	N/A	6410254
23'44'-TetraCB-(66)	ng/g	0.289	0.0086	0.010	N/A	N/A	N/A	6410254
23'45-TetraCB-(67)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6410254
23'45'-TetraCB-(68)	ng/g	0.0158	0.0080	0.010	N/A	N/A	N/A	6410254
23'55'-TetraCB-(72)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6410254
23'5'6-TetraCB-(73)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6410254
33'44'-TetraCB-(77)	ng/g	0.016	0.010	0.010	0.000100	0.00000160	N/A	6410254
33'45-TetraCB-(78)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
33'55'-TetraCB-(80)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6410254
344'5-TetraCB-(81)	ng/g	<0.010	0.010	0.010	0.000300	0.00000300	N/A	6410254
22'33'4-PentaCB-(82)	ng/g	0.0315	0.0098	0.010	N/A	N/A	N/A	6410254
PentaCB-(83)+(99)	ng/g	1.27	0.0097	0.020	N/A	N/A	N/A	6410254
22'33'6-PentaCB-(84)	ng/g	0.0503	0.0091	0.010	N/A	N/A	N/A	6410254
PentaCB-(85)+(116)+(117)	ng/g	0.196	0.0071	0.030	N/A	N/A	N/A	6410254
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.325	0.0072	0.060	N/A	N/A	N/A	6410254
PentaCB-(88)+(91)	ng/g	0.0775	0.0084	0.020	N/A	N/A	N/A	6410254
22'346'-PentaCB-(89)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
PentaCB-(90)+(101)+(113)	ng/g	1.06	0.0071	0.030	N/A	N/A	N/A	6410254
22'355'-PentaCB-(92)	ng/g	0.228	0.0090	0.010	N/A	N/A	N/A	6410254
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0083	0.0083	0.040	N/A	N/A	N/A	6410254
22'356'-PentaCB-(94)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6410254
22'35'6-PentaCB-(95)	ng/g	0.426	0.0082	0.010	N/A	N/A	N/A	6410254
22'366'-PentaCB-(96)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6410254
22'45'6-PentaCB-(103)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6410254
22'466'-PentaCB-(104)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6410254
233'44'-PentaCB-(105)	ng/g	0.445	0.010	0.010	0.0000300	0.0000134	N/A	6410254
233'45-PentaCB-(106)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6410254
233'4'5-PentaCB-(107)	ng/g	0.128	0.0089	0.010	N/A	N/A	N/A	6410254
PentaCB-(108)+(124)	ng/g	0.0230	0.0089	0.020	N/A	N/A	N/A	6410254
PentaCB-(110)+(115)	ng/g	0.710	0.0064	0.020	N/A	N/A	N/A	6410254
233'55'-PentaCB-(111)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6410254
233'56-PentaCB-(112)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6410254
2344'5-PentaCB-(114)	ng/g	0.022	0.010	0.010	0.0000300	0.000000660	N/A	6410254
23'44'5-PentaCB-(118)	ng/g	1.37	0.010	0.010	0.0000300	0.0000411	N/A	6410254
23'455'-PentaCB-(120)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6410254
23'45'6-PentaCB-(121)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6410254
233'4'5'-PentaCB-(122)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6410254
23'44'5'-PentaCB-(123)	ng/g	0.022	0.011	0.010	0.0000300	0.000000660	N/A	6410254

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0095	0.0095	0.010	0.100	0.000950	N/A	6410254
33'455'-PentaCB-(127)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6410254
HexaCB-(128)+(166)	ng/g	0.237	0.014	0.020	N/A	N/A	N/A	6410254
HexaCB-(129)+(138)+(163)	ng/g	2.38	0.016	0.030	N/A	N/A	N/A	6410254
22'33'45'-HexaCB-(130)	ng/g	0.089	0.020	0.010	N/A	N/A	N/A	6410254
22'33'46-HexaCB-(131)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6410254
22'33'46'-HexaCB-(132)	ng/g	0.137	0.017	0.010	N/A	N/A	N/A	6410254
22'33'55'-HexaCB-(133)	ng/g	<0.041 (1)	0.041	0.010	N/A	N/A	N/A	6410254
HexaCB-(134)+(143)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6410254
HexaCB-(135)+(151)	ng/g	0.438	0.010	0.020	N/A	N/A	N/A	6410254
22'33'66'-HexaCB-(136)	ng/g	0.0482	0.0074	0.010	N/A	N/A	N/A	6410254
22'344'5-HexaCB-(137)	ng/g	<0.063 (1)	0.063	0.010	N/A	N/A	N/A	6410254
HexaCB-(139)+(140)	ng/g	0.018	0.015	0.020	N/A	N/A	N/A	6410254
22'3455'-HexaCB-(141)	ng/g	0.105	0.015	0.010	N/A	N/A	N/A	6410254
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6410254
22'345'6-HexaCB-(144)	ng/g	0.035	0.010	0.010	N/A	N/A	N/A	6410254
22'3466'-HexaCB-(145)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6410254
22'34'55'-HexaCB-(146)	ng/g	0.474	0.015	0.010	N/A	N/A	N/A	6410254
HexaCB-(147)+(149)	ng/g	0.626	0.014	0.020	N/A	N/A	N/A	6410254
22'34'56'-HexaCB-(148)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6410254
22'34'66'-HexaCB-(150)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6410254
22'3566'-HexaCB-(152)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6410254
HexaCB-(153)+(168)	ng/g	3.06	0.013	0.010	N/A	N/A	N/A	6410254
22'44'56'-HexaCB-(154)	ng/g	0.0441	0.0087	0.010	N/A	N/A	N/A	6410254
22'44'66'-HexaCB-(155)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6410254
HexaCB-(156)+(157)	ng/g	0.144	0.016	0.020	0.0000300	0.00000432	N/A	6410254
233'44'6-HexaCB-(158)	ng/g	<0.075 (1)	0.075	0.010	N/A	N/A	N/A	6410254
233'455'-HexaCB-(159)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
233'456-HexaCB-(160)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6410254
233'4'5'6-HexaCB-(164)	ng/g	0.048	0.011	0.010	N/A	N/A	N/A	6410254
233'55'6-HexaCB-(165)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6410254
23'44'55'-HexaCB-(167)	ng/g	0.075	0.015	0.010	0.0000300	0.00000225	N/A	6410254
33'44'55'-HexaCB-(169)	ng/g	<0.015	0.015	0.010	0.0300	0.000450	N/A	6410254
22'33'44'5-HeptaCB-(170)	ng/g	0.136 (1)	0.0084	0.10	N/A	N/A	N/A	6410254
HeptaCB-(171)+(173)	ng/g	0.055 (1)	0.011	0.20	N/A	N/A	N/A	6410254
22'33'455'-HeptaCB-(172)	ng/g	<0.032 (2)	0.032	0.10	N/A	N/A	N/A	6410254
22'33'456'-HeptaCB-(174)	ng/g	0.058 (1)	0.010	0.10	N/A	N/A	N/A	6410254
22'33'45'6-HeptaCB-(175)	ng/g	<0.0095 (1)	0.0095	0.10	N/A	N/A	N/A	6410254
22'33'466'-HeptaCB-(176)	ng/g	0.0105 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'33'45'6'-HeptaCB-(177)	ng/g	0.090 (1)	0.011	0.10	N/A	N/A	N/A	6410254
22'33'55'6-HeptaCB-(178)	ng/g	0.105 (1)	0.0098	1.0	N/A	N/A	N/A	6410254
22'33'566'-HeptaCB-(179)	ng/g	0.0664 (1)	0.0072	0.10	N/A	N/A	N/A	6410254
HeptaCB-(180)+(193)	ng/g	0.498 (1)	0.0086	0.20	N/A	N/A	N/A	6410254
22'344'56-HeptaCB-(181)	ng/g	<0.010 (1)	0.010	0.10	N/A	N/A	N/A	6410254
22'344'56'-HeptaCB-(182)	ng/g	<0.0093 (1)	0.0093	0.10	N/A	N/A	N/A	6410254
22'344'5'6-HeptaCB-(183)	ng/g	0.113 (1)	0.0078	0.10	N/A	N/A	N/A	6410254
22'344'66'-HeptaCB-(184)	ng/g	<0.0068 (1)	0.0068	0.10	N/A	N/A	N/A	6410254
22'3455'6-HeptaCB-(185)	ng/g	<0.015 (1)	0.015	0.10	N/A	N/A	N/A	6410254
22'34566'-HeptaCB-(186)	ng/g	<0.0074 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'34'55'6-HeptaCB-(187)	ng/g	0.561 (1)	0.0088	0.10	N/A	N/A	N/A	6410254
22'34'566'-HeptaCB-(188)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6410254
233'44'55'-HeptaCB-(189)	ng/g	<0.0092 (1)	0.0092	0.10	0.0000300	0.000000276	N/A	6410254
233'44'56-HeptaCB-(190)	ng/g	0.0344 (1)	0.0089	0.10	N/A	N/A	N/A	6410254
233'44'5'6-HeptaCB-(191)	ng/g	<0.0085 (1)	0.0085	0.10	N/A	N/A	N/A	6410254
233'455'6-HeptaCB-(192)	ng/g	<0.0087 (1)	0.0087	0.10	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'-OctaCB-(194)	ng/g	0.053 (1)	0.011	0.10	N/A	N/A	N/A	6410254
22'33'44'56-OctaCB-(195)	ng/g	<0.012 (1)	0.012	0.10	N/A	N/A	N/A	6410254
22'33'44'56'-OctaCB-(196)	ng/g	0.028 (1)	0.010	0.10	N/A	N/A	N/A	6410254
22'33'44'66'OctaCB-(197)	ng/g	<0.015 (1)	0.015	0.10	N/A	N/A	N/A	6410254
OctaCB-(198)+(199)	ng/g	0.082 (1)	0.010	0.20	N/A	N/A	N/A	6410254
22'33'4566'-OctaCB-(200)	ng/g	<0.0050 (1)	0.0050	0.10	N/A	N/A	N/A	6410254
22'33'45'66'-OctaCB-(201)	ng/g	0.0104 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
22'33'55'66'-OctaCB-(202)	ng/g	0.0395 (1)	0.0083	0.10	N/A	N/A	N/A	6410254
22'344'55'6-OctaCB-(203)	ng/g	0.0462 (1)	0.0093	0.10	N/A	N/A	N/A	6410254
22'344'566'-OctaCB-(204)	ng/g	<0.0074 (1)	0.0074	0.10	N/A	N/A	N/A	6410254
233'44'55'6-OctaCB-(205)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6410254
22'33'44'55'6-NonaCB-(206)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6410254
22'33'44'566'-NonaCB-(207)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6410254
22'33'455'66'-NonaCB-(208)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6410254
DecaCB-(209)	ng/g	<0.064	0.064	0.010	N/A	N/A	N/A	6410254
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.00147	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'44'5-HeptaCB-(170)	%	84 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'455'66'-NonaCB-(208)	%	116	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'66'-OctaCB-(202)	%	89 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'344'55'-HeptaCB-(180)	%	85 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6410254
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	6410254

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) ** From 10X Dilution **

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG326						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-HEP-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'6-OctaCB-(205)	%	73	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'55'-HeptaCB-(189)	%	92 (1)	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'55'-HexaCB-(167)	%	96	N/A	N/A	N/A	N/A	N/A	6410254
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6410254
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-2'344'5-PentaCB-(123)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'5-PentaCB-(126)	%	72	N/A	N/A	N/A	N/A	N/A	6410254
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6410254
C13-344'-TriCB-(37)	%	89	N/A	N/A	N/A	N/A	N/A	6410254
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6410254
C13-4-MonoCB-(3)	%	43	N/A	N/A	N/A	N/A	N/A	6410254
C13-DecaCB-(209)	%	91	N/A	N/A	N/A	N/A	N/A	6410254
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6410254

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0209	0.0014	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0029 (1)	0.0029	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0039	0.0014	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0173	0.0014	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0056	0.0056	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0086 (1)	0.0086	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0809	0.0052	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0672	0.0050	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.235	0.0059	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0181	0.0033	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0055 (1)	0.0055	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0069	0.0041	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0221	0.0032	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.223	0.0030	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0087	0.0030	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0377	0.0045	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.117	0.0030	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0034 (1)	0.0034	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0036 (1)	0.0036	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0062 (1)	0.0062	0.010	0.000100	0.000000620	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0036	0.0036	0.010	0.000300	0.00000108	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0106	0.0026	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.375	0.0024	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0329	0.0024	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0625	0.0018	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.159	0.0019	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.022 (1)	0.022	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.483	0.0019	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.118	0.0023	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.151	0.0021	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.178	0.0043	0.010	0.0000300	0.00000534	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0492	0.0034	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.015 (1)	0.015	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.463	0.0019	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0132	0.0043	0.010	0.0000300	0.000000396	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.627	0.0044	0.010	0.0000300	0.0000188	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	0.0084	0.0047	0.010	0.0000300	0.000000252	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0042	0.0042	0.010	0.100	0.000420	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0564	0.0038	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.682	0.0042	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0323	0.0047	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0619	0.0045	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0128	0.0042	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0128	0.0048	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.127	0.0025	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0180	0.0018	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0478	0.0047	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0078 (1)	0.0078	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.055 (1)	0.055	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.112	0.0037	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.185	0.0038	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.627	0.0033	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0071	0.0020	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0808	0.0033	0.020	0.0000300	0.00000242	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0443	0.0031	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	0.0041	0.0027	0.010	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0134	0.0030	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0281	0.0031	0.010	0.0000300	0.000000843	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.010	0.0300	0.0000960	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0483	0.0049	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.0161	0.0065	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	0.0118	0.0067	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	0.0205	0.0062	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0178	0.0029	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0151	0.0019	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.139	0.0051	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.032 (1)	0.032	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.025 (2)	0.025	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.102	0.0026	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0053	0.0053	0.010	0.0000300	0.000000159	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0098 (2)	0.0098	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) RT>2 seconds - PCB analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	0.0056	0.0040	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0089 (1)	0.0089	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000546	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	121	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	128	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	163 (2)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	149 (3)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	121	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	130	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	109	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	112	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	117	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Recovery outside method acceptance criteria due to matrix effects

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG380						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	99	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	108	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	94	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.067	0.067	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.066	0.066	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.046	0.046	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.040	0.040	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.052	0.052	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.056	0.056	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.050	0.050	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.047	0.047	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.046	0.046	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.061	0.061	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	0.0041	0.0025	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0234	0.0033	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0058	0.0031	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0178	0.0031	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	0.0091	0.0030	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	0.0062	0.0038	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0808	0.0028	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0547	0.0028	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.169	0.0031	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0186	0.0034	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0080	0.0023	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0282	0.0033	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.239	0.0032	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0058	0.0030	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0341	0.0024	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.137	0.0030	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0072	0.0037	0.0099	0.000100	0.000000720	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0037	0.0037	0.0099	0.000300	0.00000111	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0099	0.0055	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.471	0.0049	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0287	0.0054	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.100	0.0040	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.150	0.0043	0.059	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.400	0.0043	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.114	0.0050	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0049	0.0049	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.143	0.0047	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.268	0.0047	0.0099	0.0000300	0.00000804	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0470	0.0039	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0190	0.0043	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.452	0.0041	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0155	0.0048	0.0099	0.0000300	0.000000465	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.811	0.0048	0.0099	0.0000300	0.0000243	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0096 (1)	0.0096	0.0099	0.0000300	0.000000288	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.0099	0.100	0.000460	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.123	0.0097	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.953	0.011	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.020	0.012	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.055	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.013	0.011	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.012	0.012	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.131	0.0031	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0178	0.0022	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.059	0.012	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.067 (1)	0.067	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0101	0.0031	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0958	0.0094	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.132	0.0097	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.874	0.0085	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0123	0.0027	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0857	0.0065	0.020	0.0000300	0.00000257	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0765	0.0074	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0215	0.0077	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0409	0.0062	0.0099	0.0000300	0.00000123	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0065	0.0065	0.0099	0.0300	0.000195	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0662	0.0053	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.025 (1)	0.025	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0265	0.0068	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	0.0096	0.0066	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0297	0.0041	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0194	0.0028	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.196	0.0053	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0461	0.0053	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.010 (2)	0.010	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.104	0.0037	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0081	0.0081	0.0099	0.0000300	0.000000243	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	0.0129	0.0057	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	0.0204	0.0076	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0097	0.0097	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	0.0218	0.0094	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000694	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	118	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	72	N/A	N/A	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG382						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.017	0.017	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.023	0.023	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0493	0.0022	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0068	0.0023	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0090	0.0090	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0086	0.0022	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0358	0.0022	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0064	0.0064	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.118	0.0059	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0928	0.0057	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.352	0.0067	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0356	0.0030	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0057 (1)	0.0057	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0100	0.0047	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0445	0.0029	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.399	0.0028	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0623	0.0051	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.245	0.0027	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	0.0039	0.0025	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0050	0.0027	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0125	0.0033	0.0099	0.000100	0.00000125	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0033	0.0033	0.0099	0.000300	0.000000990	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.734	0.0033	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0335	0.0034	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.104	0.0025	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.211	0.0027	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0266	0.0031	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.736	0.0027	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.181	0.0032	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.208	0.0029	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.371	0.0043	0.0099	0.0000300	0.0000111	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	<0.065 (1)	0.065	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.028 (1)	0.028	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.809	0.0027	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0235	0.0044	0.0099	0.0000300	0.000000705	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	1.16	0.0044	0.0099	0.0000300	0.0000348	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.015 (1)	0.015	0.0099	0.0000300	0.000000450	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0042	0.0042	0.0099	0.100	0.000420	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.128	0.0071	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	1.36	0.0079	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0356	0.0088	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0741	0.0084	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0217	0.0089	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.206	0.0040	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0223	0.0029	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0872	0.0087	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.011 (2)	0.011	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.112	0.0077	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0206	0.0041	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.164	0.0070	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.203	0.0071	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	1.23	0.0062	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.013 (2)	0.013	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.115	0.0070	0.020	0.0000300	0.00000345	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.104	0.0057	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) RT>2 seconds - PCB analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0323	0.0055	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0453	0.0066	0.0099	0.0000300	0.00000136	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0069	0.0069	0.0099	0.0300	0.000207	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.071	0.012	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.028	0.016	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.017 (1)	0.017	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.035 (2)	0.035	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	<0.034 (1)	0.034	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0258	0.0031	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.229	0.012	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.065	0.010	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.179	0.0042	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0077	0.0077	0.0099	0.0000300	0.000000231	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.016 (1)	0.016	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	0.0132	0.0060	0.0099	N/A	N/A	N/A	6439793

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.018 (2)	0.018	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000681	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	94	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	111	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	57	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG384						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	60	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	40	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	57	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	49	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	63	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0142	0.0024	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0030	0.0024	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0110	0.0024	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0043	0.0043	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0657	0.0040	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0620	0.0039	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.165	0.0046	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0106	0.0021	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0060 (1)	0.0060	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0164	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.161	0.0020	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0035 (1)	0.0035	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0340	0.0035	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0861	0.0019	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0023	0.0023	0.010	0.000100	0.000000230	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.263	0.0066	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0234	0.0068	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0498	0.0050	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.118	0.0054	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.017 (1)	0.017	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.300	0.0053	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0669	0.0063	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0062	0.0062	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.105	0.0058	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.119	0.0032	0.010	0.0000300	0.00000357	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0225	0.0025	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.0060 (1)	0.0060	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.312	0.0053	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0076 (1)	0.0076	0.010	0.0000300	0.000000228	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.370	0.0033	0.010	0.0000300	0.0000111	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	0.0043	0.0035	0.010	0.0000300	0.000000129	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.010	0.100	0.000310	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0353	0.0060	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.403	0.0067	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0134	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0363	0.0071	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0100	0.0076	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0716	0.0054	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0106	0.0039	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0223	0.0074	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0060	0.0060	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	<0.032 (1)	0.032	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0084	0.0055	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0555	0.0060	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0898	0.0060	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.386	0.0052	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0306	0.0040	0.020	0.0000300	0.000000918	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	<0.031 (1)	0.031	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	<0.0078 (1)	0.0078	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.011 (1)	0.011	0.010	0.0000300	0.000000330	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.010	0.0300	0.000117	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.0097 (1)	0.0097	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0119	0.0083	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0874	0.0071	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0550	0.0029	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0056	0.0056	0.010	0.0000300	0.000000168	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.023	0.023	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000444	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	130	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	108	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	63	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG388						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	75	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0063	0.0063	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0209	0.0023	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0049	0.0024	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0033 (1)	0.0033	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793

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BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	0.0082	0.0049	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0535	0.0046	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0485	0.0044	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.148	0.0052	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0164	0.0020	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0048 (1)	0.0048	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0173	0.0019	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.167	0.0018	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0269	0.0040	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0944	0.0018	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0049	0.0022	0.0099	0.000100	0.000000490	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0048 (1)	0.0048	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.240	0.0033	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.020 (1)	0.020	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0495	0.0025	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0886	0.0027	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0134	0.0031	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.277	0.0027	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0657	0.0032	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.101	0.0029	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.132	0.0034	0.0099	0.0000300	0.00000396	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0235	0.0027	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0094	0.0031	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.298	0.0027	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0076	0.0034	0.0099	0.0000300	0.000000228	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.398	0.0034	0.0099	0.0000300	0.0000119	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0037	0.0037	0.0099	0.0000300	0.000000111	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0033	0.0033	0.0099	0.100	0.000330	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0613	0.0046	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.451	0.0051	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0107	0.0057	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0378	0.0054	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0078	0.0050	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.010 (1)	0.010	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0796	0.0026	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0162	0.0019	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0231	0.0056	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0052	0.0046	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0374	0.0049	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0068 (1)	0.0068	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0509	0.0045	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0849	0.0046	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.387	0.0040	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0432	0.0034	0.020	0.0000300	0.00000130	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0365	0.0037	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793

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BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0154	0.0033	0.0099	0.0000300	0.000000462	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.0099	0.0300	0.000102	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0268	0.0055	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.0104	0.0071	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0121	0.0067	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.058 (2)	0.058	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0113	0.0018	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0123	0.0012	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0808	0.0057	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0180	0.0047	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0502	0.0016	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0063	0.0063	0.0099	0.0000300	0.000000189	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0059 (1)	0.0059	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCB analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0068 (1)	0.0068	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0089 (1)	0.0089	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000451	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	114	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	131	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	93	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	73	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG389						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	51	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.014	0.014	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0260	0.0027	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0059	0.0027	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0120	0.0027	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0069	0.0069	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.101	0.0065	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0860	0.0063	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.335	0.0074	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0104	0.0057	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0142	0.0052	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0358	0.0056	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.295	0.0053	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0434	0.0056	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.212	0.0052	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0063	0.0063	0.010	0.000100	0.000000630	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0063	0.0063	0.010	0.000300	0.00000189	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0098	0.0035	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.784	0.0032	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0211	0.0033	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.151	0.0024	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.183	0.0026	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0183	0.0030	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.622	0.0026	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.146	0.0031	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0061 (1)	0.0061	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0822	0.0028	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	0.0047	0.0027	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.255	0.0066	0.010	0.0000300	0.00000765	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0337	0.0052	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0168	0.0060	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.464	0.0026	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.013 (1)	0.013	0.010	0.0000300	0.000000390	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	1.06	0.0067	0.010	0.0000300	0.0000318	N/A	6439793
23'455'-PentaCB-(120)	ng/g	0.0033	0.0022	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0120	0.0072	0.010	0.0000300	0.000000360	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0065	0.0065	0.010	0.100	0.000650	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.170	0.0057	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	1.07	0.0064	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0124	0.0071	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0397	0.0068	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0106	0.0072	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.141	0.0017	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0254	0.0012	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0736	0.0071	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.108	0.0062	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0157	0.0017	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0849	0.0057	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0813	0.0058	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	1.04	0.0050	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0192	0.0014	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0976	0.0055	0.020	0.0000300	0.00000293	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	<0.081 (1)	0.081	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0173	0.0045	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0400	0.0052	0.010	0.0000300	0.00000120	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0054	0.0054	0.010	0.0300	0.000162	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.101	0.0097	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.037	0.013	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0263	0.0030	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0231	0.0020	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.254	0.010	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0613	0.0084	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0643	0.0027	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0068	0.0068	0.010	0.0000300	0.000000204	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	0.020	0.010	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	0.0296	0.0086	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	0.0241	0.0075	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	0.0074	0.0064	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.027 (2)	0.027	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.032	0.032	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000859	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	94	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	122	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	110	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	72	N/A	N/A	N/A	N/A	N/A	6439793

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(2) RT>2 seconds - PCB analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG393						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'-HeptaCB-(189)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	48	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	50	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	61	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.071	0.071	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.065	0.065	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.047	0.047	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.052	0.052	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.058	0.058	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.049	0.049	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.047	0.047	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.060	0.060	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	<0.0056 (1)	0.0056	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0047	0.0016	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0064	0.0064	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	<0.025 (1)	0.025	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	<0.023 (1)	0.023	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0064	0.0064	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0534	0.0065	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0059	0.0035	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0048	0.0048	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0077	0.0035	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0794	0.0033	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0452	0.0031	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'-TetraCB-(77)	ng/g	<0.0039	0.0039	0.010	0.000100	0.000000390	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.010	0.000300	0.00000117	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.127	0.0034	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.0068 (1)	0.0068	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0307	0.0028	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0613	0.0030	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0064 (1)	0.0064	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.183	0.0030	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0380	0.0034	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0034	0.0034	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0395	0.0032	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.0734	0.0039	0.010	0.0000300	0.00000220	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0143	0.0032	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0065	0.0036	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.180	0.0028	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0040	0.0040	0.010	0.0000300	0.000000120	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.213	0.0040	0.010	0.0000300	0.00000639	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0043	0.0043	0.010	0.0000300	0.000000129	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0039	0.0039	0.010	0.100	0.000390	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0393	0.0052	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.291	0.0058	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	<0.014 (1)	0.014	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0447	0.0023	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0055	0.0017	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.014 (1)	0.014	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0262	0.0055	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0069	0.0023	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0323	0.0051	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0569	0.0053	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.257	0.0046	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0048	0.0020	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0247	0.0029	0.020	0.0000300	0.000000741	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0229	0.0040	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'455'-HexaCB-(159)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0083	0.0027	0.010	0.0000300	0.000000249	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0029	0.0029	0.010	0.0300	0.0000870	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0217	0.0056	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.0081	0.0073	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0077	0.0035	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0062	0.0024	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0535	0.0057	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0163	0.0057	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0306	0.0032	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0067	0.0067	0.010	0.0000300	0.000000201	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'-OctaCB-(194)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0062	0.0062	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000489	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	48	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	94	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	66	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'-HeptaCB-(189)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	57	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	38	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	39	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	55	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	47	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	42	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	54	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.064	0.064	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.074	0.074	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.052	0.052	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.054	0.054	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.045	0.045	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.058	0.058	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.053	0.053	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.056	0.056	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.053	0.053	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.052	0.052	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.068	0.068	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0212	0.0022	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0040	0.0023	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0050	0.0022	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0172	0.0022	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0055	0.0055	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	0.0079	0.0069	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0802	0.0051	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0705	0.0051	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.240	0.0056	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0078	0.0041	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0209	0.0032	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.221	0.0031	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0080	0.0029	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0443	0.0044	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.123	0.0029	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0054	0.0032	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0076	0.0036	0.010	0.000100	0.000000760	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0036	0.0036	0.010	0.000300	0.00000108	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.354	0.0044	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0425	0.0048	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0603	0.0036	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.184	0.0039	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0313	0.0043	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.463	0.0038	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.111	0.0044	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0044	0.0044	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.163	0.0042	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.194	0.0052	0.010	0.0000300	0.00000582	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0444	0.0043	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0163	0.0048	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.482	0.0037	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0079 (1)	0.0079	0.010	0.0000300	0.000000237	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.648	0.0053	0.010	0.0000300	0.0000194	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.011 (1)	0.011	0.010	0.0000300	0.000000330	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0051	0.0051	0.010	0.100	0.000510	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.063	0.011	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.665	0.012	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.031	0.013	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.074	0.013	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.013 (1)	0.013	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.133	0.0035	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0177	0.0025	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	<0.034 (1)	0.034	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.056	0.011	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0157	0.0035	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.085	0.010	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.184	0.011	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.511	0.0094	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0653	0.0049	0.020	0.0000300	0.00000196	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0479	0.0082	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0207	0.0085	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0240	0.0046	0.010	0.0000300	0.000000720	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0048	0.0048	0.010	0.0300	0.000144	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0379	0.0049	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.012 (1)	0.012	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.021 (1)	0.021	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.015 (2)	0.015	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0146	0.0041	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0964	0.0050	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0304	0.0050	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0754	0.0037	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.013	0.013	0.010	0.0000300	0.000000390	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'-OctaCB-(194)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000685	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	110	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	94	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	53	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG410						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'-HeptaCB-(189)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	55	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	56	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	42	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	37	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	51	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	57	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	57	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	49	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.047	0.047	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.046	0.046	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.032	0.032	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.028	0.028	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.037	0.037	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.039	0.039	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.035	0.035	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.033	0.033	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.033	0.033	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.043	0.043	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0330	0.0028	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0047	0.0029	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0050 (1)	0.0050	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0192	0.0027	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0036	0.0036	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0953	0.0033	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0822	0.0033	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.240	0.0036	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	<0.018 (1)	0.018	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0101	0.0027	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0292	0.0034	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.275	0.0032	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0082	0.0031	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0480	0.0029	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.163	0.0030	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0070 (1)	0.0070	0.0099	0.000100	0.000000700	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0038	0.0038	0.0099	0.000300	0.00000114	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0104	0.0057	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.418	0.0051	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0266	0.0056	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0811	0.0041	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.150	0.0044	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0162	0.0050	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.415	0.0044	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.118	0.0051	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0050	0.0050	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.144	0.0048	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.217	0.0040	0.0099	0.0000300	0.00000651	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0387	0.0033	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0166	0.0037	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.427	0.0042	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.014 (1)	0.014	0.0099	0.0000300	0.000000420	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.684	0.0041	0.0099	0.0000300	0.0000205	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.010 (1)	0.010	0.0099	0.0000300	0.000000300	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0039	0.0039	0.0099	0.100	0.000390	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0905	0.0068	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.716	0.0075	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0434	0.0080	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0112	0.0084	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.123	0.0039	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.013 (1)	0.013	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0414	0.0082	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0087 (1)	0.0087	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0586	0.0072	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0728	0.0066	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.102	0.0068	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.650	0.0060	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0093	0.0034	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0701	0.0046	0.020	0.0000300	0.00000210	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0564	0.0053	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.011 (1)	0.011	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0267	0.0044	0.0099	0.0000300	0.000000801	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0046	0.0046	0.0099	0.0300	0.000138	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0510	0.0096	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.018	0.012	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	<0.020 (1)	0.020	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0184	0.0030	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.136	0.0097	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	<0.033 (1)	0.033	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	<0.068 (1)	0.068	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.013	0.013	0.0099	0.0000300	0.000000390	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0099	0.0099	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.016	0.016	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0079	0.0079	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.021	0.021	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000561	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	107	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	96	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	146 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	114	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6439793

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG413						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	48	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.049	0.049	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.061	0.061	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.043	0.043	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.044	0.044	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.037	0.037	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.041	0.041	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.046	0.046	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.044	0.044	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.043	0.043	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.056	0.056	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0045	0.0045	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	<0.019 (1)	0.019	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0155	0.0024	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0075 (1)	0.0075	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	0.0106	0.0065	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0717	0.0049	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0709	0.0048	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.175	0.0053	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0181	0.0031	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0069	0.0039	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0247	0.0030	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.219	0.0029	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0076	0.0028	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0352	0.0042	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.111	0.0027	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0059 (1)	0.0059	0.0099	0.000100	0.000000590	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.0099	0.000300	0.00000102	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.353	0.0034	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0356	0.0037	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0675	0.0028	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.198	0.0030	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0334	0.0034	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.491	0.0030	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.110	0.0034	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0034	0.0034	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.142	0.0032	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.217	0.0047	0.0099	0.0000300	0.00000651	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0406	0.0038	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0154	0.0043	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.494	0.0028	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.011 (1)	0.011	0.0099	0.0000300	0.000000330	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.640	0.0048	0.0099	0.0000300	0.0000192	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0071 (1)	0.0071	0.0099	0.0000300	0.000000213	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.0099	0.100	0.000460	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0994	0.0057	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.790	0.0063	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0340	0.0070	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0778	0.0067	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0110	0.0070	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.129	0.0031	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.017 (1)	0.017	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0536	0.0069	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0090	0.0059	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0711	0.0060	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0135	0.0031	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.101	0.0056	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.181	0.0057	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.683	0.0050	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0077 (1)	0.0077	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0730	0.0050	0.020	0.0000300	0.00000219	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0599	0.0044	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.020 (1)	0.020	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0287	0.0048	0.0099	0.0000300	0.000000861	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0050	0.0050	0.0099	0.0300	0.000150	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	<0.052 (1)	0.052	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.0190	0.0081	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0306	0.0080	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	0.0184	0.0077	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0221	0.0030	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0193	0.0021	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.142	0.0063	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0392	0.0063	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0084	0.0084	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.103	0.0027	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0093	0.0093	0.0099	0.0000300	0.000000279	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	0.021	0.011	0.020	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.044	0.044	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000641	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	55	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	124	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	63	N/A	N/A	N/A	N/A	N/A	6439793

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG422						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.035	0.035	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.029	0.029	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.040	0.040	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.036	0.036	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.034	0.034	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.044	0.044	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	0.0024	0.0022	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0269	0.0017	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0036	0.0018	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0053 (1)	0.0053	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0218	0.0017	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	0.0060	0.0027	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	0.0056	0.0033	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0960	0.0025	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0841	0.0024	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.249	0.0027	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0266	0.0034	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0082	0.0020	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0255	0.0034	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.313	0.0032	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0093	0.0031	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0452	0.0021	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.170	0.0030	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0054	0.0033	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0090	0.0038	0.0099	0.000100	0.000000900	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0038	0.0038	0.0099	0.000300	0.00000114	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0137	0.0061	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.437	0.0054	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.030 (1)	0.030	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0733	0.0044	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.182	0.0047	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0315	0.0053	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.577	0.0047	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.126	0.0055	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0054	0.0054	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.176	0.0051	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.251	0.0036	0.0099	0.0000300	0.00000753	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0482	0.0030	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0199	0.0033	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.545	0.0045	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0146	0.0036	0.0099	0.0000300	0.000000438	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.731	0.0037	0.0099	0.0000300	0.0000219	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.0092 (1)	0.0092	0.0099	0.0000300	0.000000276	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0035	0.0035	0.0099	0.100	0.000350	N/A	6439793

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0790	0.0064	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.789	0.0071	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0592	0.0075	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0143	0.0071	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.0088 (1)	0.0088	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.142	0.0028	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0223	0.0020	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0457	0.0077	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	<0.0075 (1)	0.0075	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0684	0.0067	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0163	0.0028	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.104	0.0062	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.183	0.0064	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.679	0.0056	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0092	0.0024	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0801	0.0032	0.020	0.0000300	0.00000240	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0609	0.0049	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.021 (1)	0.021	0.0099	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0319	0.0031	0.0099	0.0000300	0.000000957	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0099	0.0300	0.0000960	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0491	0.0067	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.018 (1)	0.018	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0221	0.0086	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.010 (2)	0.010	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0206	0.0031	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0224	0.0021	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.131	0.0068	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0466	0.0067	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0999	0.0028	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.015	0.015	0.0099	0.0000300	0.000000450	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.0095	0.0095	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0086	0.0086	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.029	0.029	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000482	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	121	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	101	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	162 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	129	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	106	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	92	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG423						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	43	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	97	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	69	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.048	0.048	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.053	0.053	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.039	0.039	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.042	0.042	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.038	0.038	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.049	0.049	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	0.0083	0.0073	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0451	0.0043	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0073	0.0044	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	0.0084	0.0042	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0360	0.0042	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	0.0149	0.0053	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.020 (1)	0.020	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.202	0.0050	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.189	0.0049	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.491	0.0054	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0489	0.0041	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0195	0.0040	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0538	0.0041	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.594	0.0039	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0980	0.0043	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.280	0.0036	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	0.0056	0.0037	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0093	0.0040	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0143	0.0046	0.010	0.000100	0.00000143	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0035 (1)	0.0035	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0046	0.0046	0.010	0.000300	0.00000138	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0309	0.0042	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.859	0.0037	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0864	0.0041	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.165	0.0030	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.445	0.0033	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0721	0.0037	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	1.22	0.0033	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.243	0.0038	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0066	0.0037	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.394	0.0035	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	0.0067	0.0034	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.485	0.0035	0.010	0.0000300	0.0000146	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0998	0.0028	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0410	0.0032	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	1.20	0.0031	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0278	0.0035	0.010	0.0000300	0.000000834	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	1.41	0.0035	0.010	0.0000300	0.0000423	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.016 (1)	0.016	0.010	0.0000300	0.000000480	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0034	0.0034	0.010	0.100	0.000340	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.196	0.0054	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	1.68	0.0060	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0658	0.0067	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.174	0.0064	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0270	0.0060	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0277	0.0067	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.285	0.0030	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0455	0.0022	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0969	0.0065	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0177	0.0056	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.130	0.0057	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0309	0.0030	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.205	0.0053	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.420	0.0055	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	1.33	0.0048	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0187	0.0026	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.145	0.0054	0.020	0.0000300	0.00000435	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.131	0.0042	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0506	0.0043	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0567	0.0052	0.010	0.0000300	0.00000170	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0054	0.0054	0.010	0.0300	0.000162	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.101	0.0057	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.0405	0.0074	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.017 (1)	0.017	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0499	0.0074	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	0.0105	0.0015	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	0.0333	0.0071	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0394	0.0022	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0404	0.0015	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.251	0.0058	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0746	0.0058	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.201	0.0020	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0078	0.0078	0.010	0.0000300	0.000000234	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.023 (2)	0.023	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'-OctaCB-(194)	ng/g	0.025	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.031	0.031	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	0.0100	0.0075	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.013 (1)	0.013	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000569	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	31 (2)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	43	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	53	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	53	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	58	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	43	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	41	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	41	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	37	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	41	N/A	N/A	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Internal standard within method limits.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'-DiCB-(4)	%	36	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	38	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	49	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	36	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	41	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	36	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	37	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	39	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	33	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	29	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	26 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	37	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	39	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	34	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	37	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	35	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	29	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	24 (2)	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	34	N/A	N/A	N/A	N/A	N/A	6439793

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Internal standard within method limits.
(2) Internal standard recovery is outside method limits.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.058	0.058	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.042	0.042	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.036	0.036	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.041	0.041	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.041	0.041	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.053	0.053	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	0.0041	0.0034	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0297	0.0039	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0053 (1)	0.0053	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0218	0.0038	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

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N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
33'5-TriCB-(36)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	0.0082	0.0048	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	0.0116	0.0060	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.100 (1)	0.0045	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0049	0.0049	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0876 (1)	0.0044	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.255 (1)	0.0049	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0248 (1)	0.0039	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0073 (2)	0.0073	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0225 (1)	0.0039	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.300 (1)	0.0037	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0102	0.0036	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0525 (1)	0.0039	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.157 (1)	0.0035	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(68)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0044	0.0038	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	0.0086	0.0044	0.010	0.000100	0.000000860	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0044	0.0044	0.010	0.000300	0.00000132	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0153	0.0043	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.448 (1)	0.0039	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0504 (1)	0.0042	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.103 (1)	0.0031	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.231 (1)	0.0034	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0382	0.0038	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.611 (1)	0.0034	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.134 (1)	0.0039	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.207 (1)	0.0036	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.236 (1)	0.0054	0.010	0.0000300	0.00000708	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0534 (1)	0.0044	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0220	0.0049	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.641 (1)	0.0032	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0151	0.0054	0.010	0.0000300	0.000000453	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.768 (1)	0.0055	0.010	0.0000300	0.0000230	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	0.0082	0.0058	0.010	0.0000300	0.000000246	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0052	0.0052	0.010	0.100	0.000520	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.103 (1)	0.0064	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.895 (1)	0.0070	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0351 (1)	0.0078	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0918 (1)	0.0075	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0141	0.0070	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	<0.011 (2)	0.011	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.144 (1)	0.0033	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0200 (1)	0.0024	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0518 (1)	0.0076	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0104	0.0066	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0747 (1)	0.0067	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0143	0.0034	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.113 (1)	0.0062	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.214 (1)	0.0064	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.744 (1)	0.0056	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0113	0.0029	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0769 (1)	0.0053	0.020	0.0000300	0.00000231	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0691 (1)	0.0049	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0291 (1)	0.0051	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0357 (1)	0.0050	0.010	0.0000300	0.00000107	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0052	0.0052	0.010	0.0300	0.000156	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.049 (1)	0.010	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	0.021	0.013	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	<0.032 (2)	0.032	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.017 (3)	0.017	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0250	0.0052	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0263	0.0035	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.147 (1)	0.010	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.047 (1)	0.010	0.010	N/A	N/A	N/A	6439793

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(3) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.115 (1)	0.0047	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.013	0.013	0.010	0.0000300	0.000000390	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	0.013	0.011	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000713	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	115	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-12 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	103	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	119	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	74	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	38	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	68	N/A	N/A	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.047	0.047	0.0099	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.048	0.048	0.0099	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.035	0.035	0.0099	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.029	0.029	0.0099	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.038	0.038	0.0099	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.039	0.039	0.0099	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.036	0.036	0.0099	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.035	0.035	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.034	0.034	0.0099	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.045	0.045	0.0099	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0149	0.0025	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0030	0.0025	0.0099	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.0089 (1)	0.0089	0.0099	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0052	0.0052	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0387	0.0048	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0372	0.0048	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.0992	0.0053	0.0099	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0103	0.0046	0.0099	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0039	0.0039	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0143	0.0045	0.0099	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.140	0.0043	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0047	0.0041	0.0099	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0178	0.0042	0.0099	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.0642	0.0040	0.0099	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0051	0.0051	0.0099	0.000100	0.000000510	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439793
33'45'-TetraCB(79)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.0099	0.000300	0.00000153	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.259	0.0033	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	<0.010 (1)	0.010	0.0099	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0559	0.0027	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0923	0.0029	0.059	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.0082 (1)	0.0082	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.268	0.0029	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0618	0.0033	0.0099	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.0786	0.0031	0.0099	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.146	0.0038	0.0099	0.0000300	0.00000438	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0256	0.0032	0.0099	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0107	0.0035	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.244	0.0027	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	<0.0075 (1)	0.0075	0.0099	0.0000300	0.000000225	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.416	0.0039	0.0099	0.0000300	0.0000125	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	0.0063	0.0042	0.0099	0.0000300	0.000000189	N/A	6439793
33'44'5-PentaCB-(126)	ng/g	<0.0038	0.0038	0.0099	0.100	0.000380	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0713	0.0046	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.511	0.0050	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0122	0.0056	0.0099	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0238	0.0053	0.0099	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0092	0.0050	0.0099	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0058	0.0056	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.0834	0.0032	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.0076 (1)	0.0076	0.0099	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0385	0.0055	0.0099	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0086	0.0047	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0407	0.0048	0.0099	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	<0.0082 (1)	0.0082	0.0099	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0626	0.0044	0.0099	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0697	0.0046	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.513	0.0040	0.0099	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0065	0.0028	0.0099	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0506	0.0040	0.020	0.0000300	0.00000152	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0382	0.0035	0.0099	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439793
233'4'5'6-HexaCB-(164)	ng/g	0.0088	0.0036	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	<0.020 (1)	0.020	0.0099	0.0000300	0.000000600	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0040	0.0040	0.0099	0.0300	0.000120	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0319	0.0057	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.011 (1)	0.011	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.0101	0.0074	0.0099	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0193	0.0035	0.0099	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0113	0.0023	0.0099	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.0978	0.0058	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0274	0.0057	0.0099	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	0.0635	0.0031	0.0099	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.011	0.011	0.0099	0.0000300	0.000000330	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.013	0.013	0.0099	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0092	0.0092	0.0099	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.019	0.019	0.0099	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000522	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	97	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	109	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	107	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	63	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	64	N/A	N/A	N/A	N/A	N/A	6439793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG456						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	55	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	46	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	66	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.050	0.050	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.031	0.031	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.040	0.040	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.033	0.033	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.036	0.036	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0061	0.0061	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0267	0.0036	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0039 (1)	0.0039	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0067	0.0067	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0817	0.0062	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0756	0.0061	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0067	0.0067	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.176	0.0068	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0170	0.0046	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	<0.0061 (1)	0.0061	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0241	0.0046	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.238	0.0044	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	<0.0059 (1)	0.0059	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0404	0.0053	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.129	0.0040	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0051	0.0051	0.010	0.000100	0.000000510	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.010	0.000300	0.00000153	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0090	0.0082	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.396	0.0073	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0263	0.0080	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.0958	0.0059	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.138	0.0064	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	<0.013 (1)	0.013	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.381	0.0063	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.0909	0.0074	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0073	0.0073	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	0.116	0.0069	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.193	0.0045	0.010	0.0000300	0.00000579	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0369	0.0037	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	<0.014 (1)	0.014	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.377	0.0061	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0133	0.0046	0.010	0.0000300	0.000000399	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.565	0.0046	0.010	0.0000300	0.0000170	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	0.0077	0.0049	0.010	0.0000300	0.000000231	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0044	0.0044	0.010	0.100	0.000440	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.0997	0.0077	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	0.789	0.0085	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0214	0.0095	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0375	0.0090	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	0.0148	0.0085	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0114	0.0095	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.102	0.0036	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0364	0.0093	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0091	0.0080	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0517	0.0081	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0106	0.0036	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0918	0.0075	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.0983	0.0077	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	0.718	0.0068	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	<0.0063 (1)	0.0063	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0677	0.0069	0.020	0.0000300	0.00000203	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0557	0.0059	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0244	0.0066	0.010	0.0000300	0.000000732	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0068	0.0068	0.010	0.0300	0.000204	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.054	0.014	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.018	0.018	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.021	0.018	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0251	0.0035	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.144	0.014	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.044	0.014	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	<0.090 (1)	0.090	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.0072	0.0072	0.010	0.0000300	0.000000216	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.016 (2)	0.016	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439793

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QC Batch = Quality Control Batch

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.016	0.012	0.020	N/A	N/A	N/A	6439793
22'33'4566'-OctaCB-(200)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.036	0.036	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000672	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	99	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	115	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	104	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'55'-HexaCB-(167)	%	66	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	73	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	78	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	52	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	66	N/A	N/A	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6439793
3-MonoCB-(2)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6439793
4-MonoCB-(3)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6439793
22'-DiCB-(4)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6439793
2,3-DiCB-(5)	ng/g	<0.048	0.048	0.010	N/A	N/A	N/A	6439793
2,3'-DiCB-(6)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6439793
2,4-DiCB-(7)	ng/g	<0.035	0.035	0.010	N/A	N/A	N/A	6439793
2,4'-DiCB-(8)	ng/g	<0.029	0.029	0.010	N/A	N/A	N/A	6439793
2,5-DiCB-(9)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6439793
2,6-DiCB-(10)	ng/g	<0.038	0.038	0.010	N/A	N/A	N/A	6439793
3,3'-DiCB-(11)	ng/g	<0.037	0.037	0.010	N/A	N/A	N/A	6439793
DiCB-(12)+(13)	ng/g	<0.035	0.035	0.020	N/A	N/A	N/A	6439793
3,5-DiCB-(14)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6439793
4,4'-DiCB-(15)	ng/g	<0.045	0.045	0.010	N/A	N/A	N/A	6439793
22'3-TriCB-(16)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439793
22'4-TriCB-(17)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
TriCB-(18)+(30)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439793
22'6-TriCB-(19)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
TriCB-(20) + (28)	ng/g	0.0332	0.0022	0.020	N/A	N/A	N/A	6439793
TriCB-(21)+(33)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439793
234'-TriCB-(22)	ng/g	0.0041	0.0022	0.010	N/A	N/A	N/A	6439793
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
236-TriCB-(24)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439793
23'4-TriCB-(25)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793
TriCB-(26)+(29)	ng/g	<0.0033 (1)	0.0033	0.020	N/A	N/A	N/A	6439793
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439793
24'5-TriCB-(31)	ng/g	0.0263	0.0021	0.010	N/A	N/A	N/A	6439793
24'6-TriCB-(32)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439793
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439793
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439793
344'-TriCB-(37)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439793
TetraCB-(40)+(41)+(71)	ng/g	<0.0051	0.0051	0.030	N/A	N/A	N/A	6439793
22'34'-TetraCB-(42)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
22'35-TetraCB-(43)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439793
TetraCB-(44)+(47)+(65)	ng/g	0.0907	0.0048	0.030	N/A	N/A	N/A	6439793
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020	N/A	N/A	N/A	6439793
22'36'-TetraCB-(46)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439793
22'45-TetraCB-(48)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
TetraCB-(49)+TetraCB-(69)	ng/g	0.0778	0.0047	0.020	N/A	N/A	N/A	6439793
TetraCB-(50)+(53)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6439793
22'55'-TetraCB-(52)	ng/g	0.221	0.0052	0.010	N/A	N/A	N/A	6439793
22'66'-TetraCB-(54)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439793
233'4'-Tetra CB(56)	ng/g	0.0272	0.0037	0.010	N/A	N/A	N/A	6439793
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439793
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793
TetraCB-(59)+(62)+(75)	ng/g	0.0090	0.0038	0.030	N/A	N/A	N/A	6439793
2344'-TetraCB -(60)	ng/g	0.0317	0.0037	0.010	N/A	N/A	N/A	6439793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.325	0.0035	0.040	N/A	N/A	N/A	6439793
234'5-TetraCB-(63)	ng/g	0.0059	0.0034	0.010	N/A	N/A	N/A	6439793
234'6-TetraCB-(64)	ng/g	0.0435	0.0041	0.010	N/A	N/A	N/A	6439793
23'44'-TetraCB-(66)	ng/g	0.157	0.0033	0.010	N/A	N/A	N/A	6439793
23'45-TetraCB-(67)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
23'45'-TetraCB-(68)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
23'55'-TetraCB-(72)	ng/g	0.0056	0.0036	0.010	N/A	N/A	N/A	6439793
23'5'6-TetraCB-(73)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
33'44'-TetraCB-(77)	ng/g	<0.0066 (1)	0.0066	0.010	0.000100	0.000000660	N/A	6439793
33'45-TetraCB-(78)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439793
344'5-TetraCB-(81)	ng/g	<0.0041	0.0041	0.010	0.000300	0.00000123	N/A	6439793
22'33'4-PentaCB-(82)	ng/g	0.0149	0.0077	0.010	N/A	N/A	N/A	6439793
PentaCB-(83)+(99)	ng/g	0.574	0.0069	0.020	N/A	N/A	N/A	6439793
22'33'6-PentaCB-(84)	ng/g	0.0341	0.0075	0.010	N/A	N/A	N/A	6439793
PentaCB-(85)+(116)+(117)	ng/g	0.127	0.0056	0.030	N/A	N/A	N/A	6439793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.212	0.0060	0.060	N/A	N/A	N/A	6439793
PentaCB-(88)+(91)	ng/g	0.0222	0.0068	0.020	N/A	N/A	N/A	6439793
22'346'-PentaCB-(89)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
PentaCB-(90)+(101)+(113)	ng/g	0.613	0.0060	0.030	N/A	N/A	N/A	6439793
22'355'-PentaCB-(92)	ng/g	0.144	0.0069	0.010	N/A	N/A	N/A	6439793
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0068	0.0068	0.040	N/A	N/A	N/A	6439793
22'356'-PentaCB-(94)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439793
22'35'6-PentaCB-(95)	ng/g	<0.15 (1)	0.15	0.010	N/A	N/A	N/A	6439793
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
22'45'6-PentaCB-(103)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439793
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439793
233'44'-PentaCB-(105)	ng/g	0.297	0.0055	0.010	0.0000300	0.00000891	N/A	6439793
233'45-PentaCB-(106)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
233'4'5-PentaCB-(107)	ng/g	0.0493	0.0045	0.010	N/A	N/A	N/A	6439793
PentaCB-(108)+(124)	ng/g	0.0234	0.0050	0.020	N/A	N/A	N/A	6439793
PentaCB-(110)+(115)	ng/g	0.579	0.0057	0.020	N/A	N/A	N/A	6439793
233'55'-PentaCB-(111)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793
233'56-PentaCB-(112)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439793
2344'5-PentaCB-(114)	ng/g	0.0154	0.0055	0.010	0.0000300	0.000000462	N/A	6439793
23'44'5-PentaCB-(118)	ng/g	0.869	0.0056	0.010	0.0000300	0.0000261	N/A	6439793
23'455'-PentaCB-(120)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
23'45'6-PentaCB-(121)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
233'4'5'-PentaCB-(122)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
23'44'5'-PentaCB-(123)	ng/g	<0.013 (1)	0.013	0.010	0.0000300	0.000000390	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0053	0.0053	0.010	0.100	0.000530	N/A	6439793
33'455'-PentaCB-(127)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439793
HexaCB-(128)+(166)	ng/g	0.171	0.0079	0.020	N/A	N/A	N/A	6439793
HexaCB-(129)+(138)+(163)	ng/g	1.13	0.0087	0.030	N/A	N/A	N/A	6439793
22'33'45'-HexaCB-(130)	ng/g	0.0281	0.0096	0.010	N/A	N/A	N/A	6439793
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439793
22'33'46'-HexaCB-(132)	ng/g	0.0615	0.0092	0.010	N/A	N/A	N/A	6439793
22'33'55'-HexaCB-(133)	ng/g	<0.015 (1)	0.015	0.010	N/A	N/A	N/A	6439793
HexaCB-(134)+(143)	ng/g	0.0110	0.0097	0.020	N/A	N/A	N/A	6439793
HexaCB-(135)+(151)	ng/g	0.172	0.0040	0.020	N/A	N/A	N/A	6439793
22'33'66'-HexaCB-(136)	ng/g	0.0259	0.0029	0.010	N/A	N/A	N/A	6439793
22'344'5-HexaCB-(137)	ng/g	0.0699	0.0094	0.010	N/A	N/A	N/A	6439793
HexaCB-(139)+(140)	ng/g	0.0141	0.0081	0.020	N/A	N/A	N/A	6439793
22'3455'-HexaCB-(141)	ng/g	0.0836	0.0082	0.010	N/A	N/A	N/A	6439793
22'3456-HexaCB-(142)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6439793
22'345'6-HexaCB-(144)	ng/g	0.0162	0.0040	0.010	N/A	N/A	N/A	6439793
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'34'55'-HexaCB-(146)	ng/g	0.0982	0.0076	0.010	N/A	N/A	N/A	6439793
HexaCB-(147)+(149)	ng/g	0.156	0.0079	0.020	N/A	N/A	N/A	6439793
22'34'56'-HexaCB-(148)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439793
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439793
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439793
HexaCB-(153)+(168)	ng/g	1.06	0.0069	0.010	N/A	N/A	N/A	6439793
22'44'56'-HexaCB-(154)	ng/g	0.0138	0.0035	0.010	N/A	N/A	N/A	6439793
22'44'66'-HexaCB-(155)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439793
HexaCB-(156)+(157)	ng/g	0.0873	0.0058	0.020	0.0000300	0.00000262	N/A	6439793
233'44'6-HexaCB-(158)	ng/g	0.0900	0.0060	0.010	N/A	N/A	N/A	6439793
233'455'-HexaCB-(159)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439793
233'456-HexaCB-(160)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
233'45'6-HexaCB-(161)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439793
233'4'55'-HexaCB-(162)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.0200	0.0062	0.010	N/A	N/A	N/A	6439793
233'55'6-HexaCB-(165)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439793
23'44'55'-HexaCB-(167)	ng/g	0.0385	0.0055	0.010	0.0000300	0.00000116	N/A	6439793
33'44'55'-HexaCB-(169)	ng/g	<0.0058	0.0058	0.010	0.0300	0.000174	N/A	6439793
22'33'44'5-HeptaCB-(170)	ng/g	0.0721	0.0086	0.010	N/A	N/A	N/A	6439793
HeptaCB-(171)+(173)	ng/g	<0.027 (1)	0.027	0.020	N/A	N/A	N/A	6439793
22'33'455'-HeptaCB-(172)	ng/g	0.016	0.012	0.010	N/A	N/A	N/A	6439793
22'33'456'-HeptaCB-(174)	ng/g	0.028	0.011	0.010	N/A	N/A	N/A	6439793
22'33'45'6-HeptaCB-(175)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
22'33'466'-HeptaCB-(176)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439793
22'33'45'6'-HeptaCB-(177)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'55'6-HeptaCB-(178)	ng/g	0.0336	0.0060	0.010	N/A	N/A	N/A	6439793
22'33'566'-HeptaCB-(179)	ng/g	0.0290	0.0041	0.010	N/A	N/A	N/A	6439793
HeptaCB-(180)+(193)	ng/g	0.201	0.0087	0.020	N/A	N/A	N/A	6439793
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'344'56'-HeptaCB-(182)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439793
22'344'5'6-HeptaCB-(183)	ng/g	0.0662	0.0087	0.010	N/A	N/A	N/A	6439793
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439793
22'3455'6-HeptaCB-(185)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439793
22'34566'-HeptaCB-(186)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
22'34'55'6-HeptaCB-(187)	ng/g	<0.098 (1)	0.098	0.010	N/A	N/A	N/A	6439793
22'34'566'-HeptaCB-(188)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439793
233'44'55'-HeptaCB-(189)	ng/g	<0.010	0.010	0.010	0.0000300	0.000000300	N/A	6439793
233'44'56-HeptaCB-(190)	ng/g	0.0151	0.0094	0.010	N/A	N/A	N/A	6439793
233'44'5'6-HeptaCB-(191)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6439793
233'455'6-HeptaCB-(192)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439793
22'33'44'55'-OctaCB-(194)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439793
22'33'44'56-OctaCB-(195)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439793
22'33'44'56'-OctaCB-(196)	ng/g	<0.0076 (1)	0.0076	0.010	N/A	N/A	N/A	6439793
22'33'44'66'OctaCB-(197)	ng/g	<0.0081	0.0081	0.010	N/A	N/A	N/A	6439793
OctaCB-(198)+(199)	ng/g	0.0191	0.0063	0.020	N/A	N/A	N/A	6439793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439793
22'33'45'66'-OctaCB-(201)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439793
22'33'55'66'-OctaCB-(202)	ng/g	0.0090	0.0054	0.010	N/A	N/A	N/A	6439793
22'344'55'6-OctaCB-(203)	ng/g	0.0134	0.0060	0.010	N/A	N/A	N/A	6439793
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439793
233'44'55'6-OctaCB-(205)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439793
22'33'455'66'-NonaCB-(208)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6439793
DecaCB-(209)	ng/g	<0.026	0.026	0.010	N/A	N/A	N/A	6439793
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000746	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'55'6-NonaCB-(206)	%	110	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'44'5-HeptaCB-(170)	%	124	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'455'66'-NonaCB-(208)	%	115	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'66'-OctaCB-(202)	%	157 (1)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'344'55'-HeptaCB-(180)	%	143 (2)	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'34'566'-HeptaCB-(188)	%	92	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'6-TriCB-(19)	%	91	N/A	N/A	N/A	N/A	N/A	6439793
C13-22'-DiCB-(4)	%	73	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'6-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'55'-HeptaCB-(189)	%	102	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'44'-PentaCB-(105)	%	72	N/A	N/A	N/A	N/A	N/A	6439793
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	6439793

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(1) Recovery outside method acceptance criteria due to matrix effects

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG492						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	69	N/A	N/A	N/A	N/A	N/A	6439793
C13-2344'5-PentaCB-(114)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-23'44'5-PentaCB-(118)	%	75	N/A	N/A	N/A	N/A	N/A	6439793
C13-2'344'5-PentaCB-(123)	%	70	N/A	N/A	N/A	N/A	N/A	6439793
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'55'-HexaCB-(169)	%	45	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-33'44'-TetraCB-(77)	%	85	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'5-TetraCB-(81)	%	81	N/A	N/A	N/A	N/A	N/A	6439793
C13-344'-TriCB-(37)	%	71	N/A	N/A	N/A	N/A	N/A	6439793
C13-44'-DiCB-(15)	%	76	N/A	N/A	N/A	N/A	N/A	6439793
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6439793
C13-DecaCB-(209)	%	108	N/A	N/A	N/A	N/A	N/A	6439793
C13-HexaCB-(156)+(157)	%	70	N/A	N/A	N/A	N/A	N/A	6439793

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00065	0.00065	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.00893	0.00088	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.00091	0.00091	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00571	0.00089	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0193	0.0019	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0175	0.0018	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0504	0.0022	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0023	0.0013	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0083	0.0013	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0725	0.0012	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0028	0.0012	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0101	0.0016	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0435	0.0012	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0024	0.0019	0.0099	0.000100	0.000000240	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0099	0.000300	0.000000540	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.166	0.0028	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0054	0.0028	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0251	0.0020	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0420	0.0021	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0038	0.0025	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.149	0.0021	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0354	0.0026	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0277	0.0024	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00076	0.00076	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0834	0.0012	0.0099	0.0000300	0.00000250	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0174	0.00082	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.00618	0.00089	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.124	0.0022	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0053	0.0012	0.0099	0.0000300	0.000000159	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.252	0.0011	0.0099	0.0000300	0.00000756	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0034	0.0013	0.0099	0.0000300	0.000000102	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0099	0.100	0.000110	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0314	0.0026	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.387	0.0028	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0083	0.0035	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0167	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0075	0.0031	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0065	0.0034	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0560	0.0045	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0170	0.0033	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0058	0.0028	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0257	0.0030	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	0.0074	0.0050	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0489	0.0026	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0474	0.0027	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.438	0.0023	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0061	0.0040	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0312	0.0025	0.020	0.0000300	0.000000936	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0234	0.0021	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0092	0.0021	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0130	0.0024	0.0099	0.0000300	0.000000390	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0099	0.0300	0.0000750	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0242	0.0018	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0092	0.0025	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0058	0.0027	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0072	0.0024	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0054	0.0025	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0121	0.0040	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0062	0.0027	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0783	0.0018	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0241	0.0024	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0597	0.0035	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0099	0.0000300	0.0000000390	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0054	0.0019	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0080	0.0017	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	0.0047	0.0044	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0091	0.0043	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	0.0036	0.0026	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	0.0068	0.0040	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000197	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	64	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	57	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG499						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	0.0035	0.0017	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0258	0.00080	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00088	0.00088	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.00636	0.00089	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.00266	0.00083	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0123	0.00081	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	0.0059	0.0028	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	0.0112	0.0035	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0461	0.0026	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0035 (1)	0.0035	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0388	0.0026	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0877	0.0031	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0107	0.00098	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0043	0.0021	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0164	0.00096	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0935	0.00091	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.00280	0.00090	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0260	0.0023	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0570	0.00087	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0029	0.0014	0.0099	0.000100	0.000000290	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0099	0.000300	0.000000390	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0029 (1)	0.0029	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.115	0.0026	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0092	0.0026	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0156	0.0018	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0390	0.0020	0.059	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0061	0.0023	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.110	0.0020	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0277	0.0024	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0306	0.0023	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0619	0.00099	0.0099	0.0000300	0.00000186	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0131	0.00070	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.00393	0.00076	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0992	0.0020	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.00469	0.00099	0.0099	0.0000300	0.000000141	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.178	0.00097	0.0099	0.0000300	0.00000534	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0033	0.0011	0.0099	0.0000300	0.000000099	N/A	6439928

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00094	0.00094	0.0099	0.100	0.0000940	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0214	0.0018	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.258	0.0020	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0079	0.0025	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0119	0.0023	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0069	0.0022	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0076	0.0024	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0329	0.0037	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0045	0.0027	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0129	0.0024	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0031	0.0020	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0159	0.0021	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0342	0.0018	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0422	0.0019	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.275	0.0016	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0042	0.0033	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0201	0.0017	0.020	0.0000300	0.000000603	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0174	0.0015	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	0.0025	0.0013	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0041	0.0015	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0106	0.0017	0.0099	0.0000300	0.000000318	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0099	0.0300	0.0000510	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0176	0.0023	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0089	0.0033	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0070	0.0035	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0050	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0086	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0112	0.0042	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0084	0.0029	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0537	0.0023	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0200	0.0031	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0519	0.0037	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0099	0.0000300	0.0000000390	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0044	0.0026	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0068	0.0018	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0074	0.0057	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	0.0057	0.0052	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000154	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	60	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG503						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0031 (1)	0.0031	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.00269	0.00088	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.00091	0.00091	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00207	0.00089	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6439928

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0035	0.0019	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0022	0.0018	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0063	0.0022	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0019	0.0014	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0077	0.0014	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0052	0.0013	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.0099	0.000100	0.000000210	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0138	0.0029	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0042	0.0021	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0045	0.0023	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0098	0.0023	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0027	0.0027	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0033	0.0026	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0078	0.0015	0.0099	0.0000300	0.000000234	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0014	0.0011	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0102	0.0023	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0208	0.0014	0.0099	0.0000300	0.000000624	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0049	0.0024	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.0298	0.0026	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0054	0.0046	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0028	0.0024	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	<0.0027 (1)	0.0027	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.0317	0.0022	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0024	0.0014	0.020	0.0000300	0.0000000720	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0021	0.0019	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0099	0.0300	0.0000420	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0026	0.0012	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0080	0.0012	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0020	0.0017	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0045	0.0029	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000184	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	60	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com
Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG525						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	63	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00071	0.00071	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0114	0.0012	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0028	0.0013	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0092	0.0012	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0031 (1)	0.0031	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0199	0.0026	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0167	0.0026	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0467	0.0031	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0059	0.0014	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0083	0.0013	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0484	0.0013	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0023	0.0013	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0106	0.0023	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0339	0.0012	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0031	0.0020	0.0099	0.000100	0.000000310	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0099	0.000300	0.000000570	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0906	0.0033	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0044	0.0033	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0180	0.0023	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0309	0.0025	0.059	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0811	0.0025	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0210	0.0031	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0030	0.0030	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0208	0.0029	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0442	0.0015	0.0099	0.0000300	0.00000133	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0066	0.0011	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0033	0.0011	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0746	0.0026	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0030	0.0015	0.0099	0.0000300	0.0000000900	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.118	0.0014	0.0099	0.0000300	0.00000354	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0029	0.0016	0.0099	0.0000300	0.0000000870	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0271	0.0022	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.169	0.0023	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0059	0.0029	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0083	0.0027	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0029	0.0026	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0055	0.0029	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0282	0.0033	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0052	0.0024	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0058	0.0028	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0025	0.0024	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0128	0.0025	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0234	0.0022	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0303	0.0023	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.163	0.0019	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0144	0.0013	0.020	0.0000300	0.000000432	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0119	0.0017	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0039	0.0018	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0062	0.0012	0.0099	0.0000300	0.000000186	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0158	0.0022	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0052	0.0031	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0042	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0034	0.0030	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0043	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0068	0.0035	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0060	0.0024	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0401	0.0022	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0113	0.0029	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0326	0.0031	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0034	0.0024	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0053	0.0023	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0085	0.0043	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000186	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	86	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-07 + 10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00091	0.00091	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0025 (1)	0.0025	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00091	0.00091	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00092	0.00092	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0118	0.00096	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0023	0.0011	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0022	0.0010	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0115	0.00097	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0032	0.0032	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0234	0.0030	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0230	0.0029	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0815	0.0035	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0034	0.0018	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0028	0.0024	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0096	0.0018	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0936	0.0017	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0040	0.0017	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0156	0.0026	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0441	0.0016	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0041	0.0026	0.0099	0.000100	0.000000410	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0099	0.000300	0.000000750	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.161	0.0036	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0070	0.0037	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0250	0.0026	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0562	0.0028	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0070	0.0033	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.165	0.0028	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0353	0.0034	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0501	0.0032	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0780	0.0017	0.0099	0.0000300	0.00000234	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0181	0.0012	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0064	0.0013	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.151	0.0029	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0061	0.0017	0.0099	0.0000300	0.000000183	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.236	0.0017	0.0099	0.0000300	0.00000708	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0057	0.0019	0.0099	0.0000300	0.000000171	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0206	0.0036	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.329	0.0039	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0100	0.0048	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0184	0.0045	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0053 (1)	0.0053	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0079	0.0047	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0479	0.0050	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0053	0.0037	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0175	0.0046	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0202	0.0041	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0489	0.0036	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0580	0.0038	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.353	0.0032	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0066	0.0044	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0287	0.0020	0.020	0.0000300	0.000000861	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0222	0.0028	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	0.0022	0.0015	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0062	0.0029	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0109	0.0020	0.0099	0.0000300	0.000000327	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.0099	0.0300	0.0000600	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0193	0.0024	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0090	0.0034	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0057	0.0036	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0070	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0065	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0119	0.0059	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0056	0.0041	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0581	0.0024	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0229	0.0032	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0571	0.0052	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0044	0.0026	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0047 (1)	0.0047	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.0073	0.0073	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0055	0.0055	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000232	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	74	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6439928

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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG569						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6439928

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0037 (1)	0.0037	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00079	0.00079	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0094	0.0010	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0014	0.0011	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0075	0.0010	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
33'5-TriCB-(36)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0166	0.0026	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0129	0.0025	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0521	0.0030	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0038	0.0017	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0020	0.0020	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0069	0.0017	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0606	0.0016	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0023	0.0016	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0068	0.0022	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0354	0.0015	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0035	0.0025	0.010	0.000100	0.000000350	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.010	0.000300	0.000000720	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.106	0.0031	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0041	0.0032	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0173	0.0022	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0319	0.0024	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0041	0.0028	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.114	0.0024	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0283	0.0030	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0311	0.0027	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0579	0.0015	0.010	0.0000300	0.00000174	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0112	0.0011	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0048	0.0011	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.107	0.0025	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0041	0.0015	0.010	0.0000300	0.000000123	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.171	0.0015	0.010	0.0000300	0.00000513	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0030	0.0016	0.010	0.0000300	0.0000000900	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.010	0.100	0.000140	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0208	0.0026	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.249	0.0029	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0094	0.0036	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0127	0.0033	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0054	0.0032	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0074	0.0035	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0428	0.0056	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0102	0.0034	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0143	0.0031	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0325	0.0027	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0449	0.0028	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.241	0.0024	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0220	0.0016	0.020	0.0000300	0.000000660	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0145	0.0021	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0057	0.0022	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0081	0.0015	0.010	0.0000300	0.000000243	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.010	0.0300	0.0000480	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0141	0.0021	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0051	0.0030	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0053	0.0029	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0058	0.0030	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0097	0.0050	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0053	0.0035	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0402	0.0021	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0159	0.0028	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0420	0.0044	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.010	0.0000300	0.0000000480	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0044	0.0023	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.0053	0.0053	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000197	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	50	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG579						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	40	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	88	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0042 (1)	0.0042	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00071	0.00071	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0133	0.00095	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0028	0.0011	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.00243	0.00099	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0109	0.00097	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	0.0062	0.0031	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0391	0.0028	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0229	0.0028	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0800	0.0033	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0059	0.0016	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0036	0.0022	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0108	0.0016	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0819	0.0015	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0034	0.0015	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0166	0.0025	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0563	0.0014	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0033	0.0023	0.010	0.000100	0.000000330	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.010	0.000300	0.000000660	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	0.0039	0.0033	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.220	0.0031	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0058	0.0032	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0456	0.0022	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0540	0.0024	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0058	0.0029	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.143	0.0024	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0373	0.0030	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0516	0.0028	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0979	0.0016	0.010	0.0000300	0.00000294	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0195	0.0011	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0059	0.0012	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.120	0.0025	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0075	0.0016	0.010	0.0000300	0.000000225	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.288	0.0016	0.010	0.0000300	0.00000864	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0054	0.0017	0.010	0.0000300	0.000000162	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.010	0.100	0.000150	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0682	0.0019	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.558	0.0021	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0081	0.0026	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0173	0.0024	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0138	0.0023	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0063	0.0026	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0668	0.0051	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0069	0.0038	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0201	0.0025	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0058	0.0021	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0273	0.0022	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	0.0085	0.0057	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0590	0.0019	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0581	0.0020	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.660	0.0017	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0083	0.0045	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0384	0.0022	0.020	0.0000300	0.00000115	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0365	0.0015	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0072	0.0016	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0157	0.0021	0.010	0.0000300	0.000000471	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0022	0.0022	0.010	0.0300	0.0000660	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0439	0.0016	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0169	0.0022	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0074	0.0023	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0077	0.0021	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0092	0.0022	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0200	0.0054	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0119	0.0038	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.133	0.0015	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0457	0.0021	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0817	0.0048	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.010	0.0000300	0.0000000480	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0125	0.0017	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	0.0046	0.0016	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0165	0.0019	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	0.0055	0.0021	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	0.0100	0.0043	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0176	0.0043	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	0.0036	0.0032	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	0.0079	0.0026	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	0.0129	0.0040	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000231	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	75	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG584						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-11 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6439928

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00044	0.00044	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00059	0.00059	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0020 (1)	0.0020	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00059	0.00059	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.00994	0.00073	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.00215	0.00081	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.00163	0.00076	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00900	0.00074	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6439928

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QC Batch = Quality Control Batch

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0025	0.0025	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	0.0036	0.0030	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0262	0.0023	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0212	0.0022	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0751	0.0027	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0054	0.0013	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0027	0.0018	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0119	0.0013	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.105	0.0012	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0037	0.0012	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0146	0.0020	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0571	0.0011	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	0.0027	0.0012	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	0.0023	0.0012	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0037	0.0018	0.0099	0.000100	0.000000370	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0099	0.000300	0.000000540	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.221	0.0027	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0072	0.0028	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0288	0.0019	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0582	0.0021	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0069	0.0025	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.191	0.0021	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0435	0.0026	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0410	0.0024	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.109	0.0013	0.0099	0.0000300	0.00000327	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0244	0.00093	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0064	0.0010	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.167	0.0022	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0077	0.0013	0.0099	0.0000300	0.000000231	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.343	0.0013	0.0099	0.0000300	0.0000103	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0060	0.0014	0.0099	0.0000300	0.000000180	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0283	0.0024	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.455	0.0027	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0134	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0220	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0097	0.0029	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0059	0.0032	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0553	0.0033	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0083	0.0024	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0211	0.0031	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0049	0.0027	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0248	0.0028	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	0.0072	0.0036	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0699	0.0025	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0748	0.0026	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.528	0.0022	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0050	0.0029	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0398	0.0020	0.020	0.0000300	0.00000119	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0321	0.0020	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0100	0.0020	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0179	0.0019	0.0099	0.0000300	0.000000537	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0334	0.0016	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0108	0.0023	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0052	0.0024	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0099	0.0022	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0093	0.0023	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0189	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0073	0.0023	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0843	0.0016	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0280	0.0021	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0823	0.0029	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0090	0.0018	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	0.0022	0.0017	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0081	0.0019	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0113	0.0042	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	0.0051	0.0026	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	0.0047	0.0038	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000194	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	60	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6439928

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG587						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00020	0.00020	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.00022	0.00022	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	0.00442	0.00025	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.00024	0.00024	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	0.00222	0.00067	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0104	0.00029	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	0.00101	0.00032	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.00233	0.00032	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00031	0.00031	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	0.00075	0.00031	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.00179	0.00030	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00958	0.00030	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00033	0.00033	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00027	0.00027	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	0.00084	0.00058	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00029	0.00029	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00030	0.00030	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	0.00190	0.00096	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	0.0026	0.0012	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0256	0.00088	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.00096	0.00096	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	0.00110	0.00098	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0201	0.00086	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.00093	0.00093	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0762	0.0010	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.00439	0.00052	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.00158	0.00070	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.00799	0.00051	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0716	0.00049	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.00196	0.00048	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0102	0.00077	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0369	0.00046	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	0.00117	0.00048	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	0.00111	0.00050	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.00200	0.00074	0.010	0.000100	0.000000200	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	0.00069	0.00041	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.00071	0.00071	0.010	0.000300	0.000000213	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	0.0023	0.0012	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.141	0.0011	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0072	0.0012	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0217	0.00080	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0406	0.00087	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0059	0.0010	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.131	0.00087	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0307	0.0011	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0454	0.00099	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.00026	0.00026	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0599	0.00031	0.010	0.0000300	0.00000180	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.00972	0.00022	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.00385	0.00024	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.112	0.00089	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.00400	0.00031	0.010	0.0000300	0.000000120	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.165	0.00030	0.010	0.0000300	0.00000495	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	0.00034	0.00027	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.00255	0.00034	0.010	0.0000300	0.0000000765	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	0.00054	0.00029	0.010	0.100	0.0000540	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.00024	0.00024	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0234	0.0010	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.244	0.0011	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0089	0.0014	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0165	0.0013	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0054	0.0012	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0048	0.0014	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0423	0.0023	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0055	0.0017	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0109	0.0013	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0029	0.0011	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0142	0.0012	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	0.0050	0.0026	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0340	0.0010	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0509	0.0011	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.252	0.00093	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	0.0030	0.0021	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0186	0.00080	0.020	0.0000300	0.000000558	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0147	0.00083	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	0.00095	0.00059	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	0.00542	0.00086	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.00681	0.00076	0.010	0.0000300	0.000000204	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.00079	0.00079	0.010	0.0300	0.0000237	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0163	0.0011	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0063	0.0015	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0081	0.0015	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	0.0015	0.0014	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0069	0.0015	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0095	0.0019	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0069	0.0013	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0476	0.0011	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0186	0.0014	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0467	0.0017	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.00076	0.00076	0.010	0.0000300	0.0000000228	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0048	0.0012	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0055	0.0011	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	0.0037	0.0035	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0076	0.0035	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	0.0033	0.0021	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	0.0044	0.0032	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000858	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	106	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	108	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	58	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0453	0.00088	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00089	0.00089	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.00575	0.00094	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.00290	0.00092	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0328	0.00088	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6439928
33'5-TriCB-(36)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0042	0.0042	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0493	0.0040	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0348	0.0038	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0042	0.0042	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0813	0.0041	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0169	0.0020	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0048	0.0032	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0306	0.0019	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.216	0.0019	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0068	0.0018	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0249	0.0034	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.131	0.0019	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0064	0.0028	0.010	0.000100	0.000000640	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.010	0.000300	0.000000810	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.197	0.0038	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0054	0.0042	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0221	0.0030	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0512	0.0032	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0054	0.0037	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.197	0.0032	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0440	0.0039	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0393	0.0036	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.111	0.0028	0.010	0.0000300	0.00000333	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0266	0.0019	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0085	0.0021	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.156	0.0031	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0084	0.0028	0.010	0.0000300	0.000000252	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.341	0.0027	0.010	0.0000300	0.0000102	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0040	0.0030	0.010	0.0000300	0.000000120	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0026	0.0026	0.010	0.100	0.000260	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0208	0.0050	0.020	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.418	0.0054	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0083 (1)	0.0083	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0135	0.0062	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0077	0.0059	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0065	0.0065	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0568	0.0090	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.016 (1)	0.016	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0054	0.0054	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0251	0.0058	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0517	0.0049	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0565	0.0056	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0065	0.0065	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.465	0.0044	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0382	0.0057	0.020	0.0000300	0.00000115	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0254	0.0040	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0082	0.0040	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0163	0.0055	0.010	0.0000300	0.000000489	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0057	0.0057	0.010	0.0300	0.000171	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	<0.024 (1)	0.024	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0096	0.0090	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0144	0.0078	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0080	0.0055	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0748	0.0063	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0206	0.0072	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0706	0.0070	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0084	0.0050	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0093	0.0093	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000448	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	108	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	6439928

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BV Labs ID		KQG593						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-15 + 16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	70	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	85	N/A	N/A	N/A	N/A	N/A	6439928

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0072	0.0072	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0178	0.0017	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0028	0.0018	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0029	0.0017	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0158	0.0017	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0033	0.0033	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	0.0045	0.0041	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0478	0.0031	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	<0.032 (1)	0.032	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.122	0.0032	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0090	0.0025	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0036	0.0025	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0136	0.0024	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.127	0.0023	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0046	0.0022	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0201	0.0027	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0690	0.0023	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0047	0.0035	0.010	0.000100	0.000000470	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.010	0.000300	0.00000102	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.228	0.0030	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0161	0.0033	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0391	0.0024	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0858	0.0025	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0128	0.0029	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.273	0.0025	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0610	0.0031	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0030	0.0030	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0973	0.0028	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.113	0.0023	0.010	0.0000300	0.00000339	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0245	0.0016	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0078	0.0018	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.243	0.0024	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0070	0.0023	0.010	0.0000300	0.000000210	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.329	0.0023	0.010	0.0000300	0.00000987	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	<0.0032 (1)	0.0032	0.010	0.0000300	0.000000096	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.010	0.100	0.000220	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0437	0.0055	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.578	0.0060	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0201	0.0073	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0413	0.0068	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0105	0.0065	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0130	0.0072	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.108	0.012	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0131	0.0085	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0262	0.0073	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0328	0.0064	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0807	0.0054	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.169	0.0061	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.570	0.0049	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0390	0.0050	0.020	0.0000300	0.00000117	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0347	0.0044	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0122	0.0044	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0172	0.0048	0.010	0.0000300	0.000000516	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0050	0.0050	0.010	0.0300	0.000150	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0271	0.0065	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0146	0.0095	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0141	0.0087	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0183	0.0096	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.025	0.012	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0184	0.0083	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0840	0.0066	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0324	0.0076	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.111	0.011	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0048	0.0048	0.010	0.0000300	0.000000144	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0072	0.0072	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.016	0.016	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000387	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	108	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	138	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	109	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	149 (1)	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	137	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	52	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	119	N/A	N/A	N/A	N/A	N/A	6439928

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'-PentaCB-(105)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	78	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.014	0.014	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0066	0.0066	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0138	0.0012	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0023	0.0013	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0120	0.0012	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0322	0.0022	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0246	0.0022	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0841 (1)	0.0023	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0067	0.0016	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0027	0.0018	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0114	0.0015	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0978	0.0014	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0028 (2)	0.0028	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0139	0.0019	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0537	0.0014	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928

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QC Batch = Quality Control Batch
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N/A = Not Applicable
(1) ** Some variation at trace levels **
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0034	0.0022	0.0099	0.000100	0.000000340	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0099	0.000300	0.000000630	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	0.0046	0.0021	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.159 (1)	0.0019	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0106	0.0021	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0258	0.0015	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0570	0.0016	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0081	0.0019	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.186 (1)	0.0016	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0422	0.0020	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0019	0.0019	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0642 (1)	0.0018	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0879	0.0025	0.0099	0.0000300	0.00000264	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0182	0.0017	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0064	0.0019	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.171 (1)	0.0016	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0052	0.0025	0.0099	0.0000300	0.000000156	N/A	6439928

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5-PentaCB-(118)	ng/g	0.258	0.0024	0.0099	0.0000300	0.00000774	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0099	0.100	0.000230	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0322	0.0033	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.375 (1)	0.0036	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0131	0.0045	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0239	0.0042	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	0.0067	0.0039	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0065	0.0044	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0620 (1)	0.0082	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0070	0.0060	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0171	0.0045	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0201	0.0039	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0525 (1)	0.0033	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0990 (1)	0.0037	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.373 (1)	0.0030	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'44'66'-HexaCB-(155)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0288	0.0028	0.020	0.0000300	0.000000864	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0220	0.0027	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0087	0.0027	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0133	0.0027	0.0099	0.0000300	0.000000399	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0028	0.0028	0.0099	0.0300	0.0000840	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0202	0.0043	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0092	0.0062	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0074	0.0057	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0120	0.0063	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0145	0.0053	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0095	0.0038	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0615	0.0043	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0216	0.0050	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0684 (1)	0.0048	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0099	0.0000300	0.0000000720	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0061	0.0048	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048 (1)	0.0048	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0093	0.0093	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000327	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	85	N/A	N/A	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG594						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-17 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0059 (1)	0.0059	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0145	0.0016	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0045	0.0017	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0017	0.0016	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0185	0.0016	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	0.0044	0.0040	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0244	0.0038	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0192	0.0036	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0373	0.0039	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0078	0.0023	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0030	0.0030	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0081	0.0022	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0509	0.0021	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0142	0.0033	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0304	0.0021	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0032	0.0032	0.010	0.000100	0.000000320	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.010	0.000300	0.000000900	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0484	0.0037	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0099	0.0029	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0170	0.0031	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0398	0.0031	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0100	0.0038	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0037	0.0037	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0131	0.0035	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0244	0.0028	0.010	0.0000300	0.000000732	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0037	0.0019	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0376	0.0030	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0594	0.0027	0.010	0.0000300	0.00000178	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0031	0.0031	0.010	0.0000300	0.0000000930	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0027	0.0027	0.010	0.100	0.000270	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0112	0.0054	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.0958	0.0059	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0071	0.0071	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0159	0.0091	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0059	0.0059	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	<0.011 (1)	0.011	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0168	0.0061	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.0920	0.0048	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0073	0.0046	0.020	0.0000300	0.000000219	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0061	0.0043	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0044	0.0044	0.010	0.0000300	0.000000132	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0046	0.0046	0.010	0.0300	0.000138	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0070	0.0070	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	<0.0079	0.0079	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0181	0.0049	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0066	0.0066	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0073	0.0056	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0200	0.0071	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0043	0.0043	0.010	0.0000300	0.000000129	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0084	0.0084	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439928

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QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.020	0.020	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000412	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	106	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	139	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	117	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	145 (1)	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	144 (1)	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	122	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	108	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	106	N/A	N/A	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG613						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-18 + 19	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	84	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0094	0.0094	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0089	0.0089	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0040	0.0040	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0207	0.0017	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0036	0.0018	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0026	0.0018	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0153	0.0017	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0030	0.0030	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	0.0041	0.0037	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0463	0.0028	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0372	0.0027	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.105	0.0029	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0098	0.0020	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	0.0045	0.0023	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0178	0.0019	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.142	0.0018	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0051	0.0018	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0237	0.0025	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0821	0.0018	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	0.0020	0.0018	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	0.0051	0.0028	0.010	0.000100	0.000000510	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.010	0.000300	0.000000780	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.241	0.0032	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0098 (1)	0.0098	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0388	0.0026	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0754	0.0027	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0120	0.0031	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.251	0.0027	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0507	0.0033	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0666	0.0031	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.125	0.0020	0.010	0.0000300	0.00000375	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0255	0.0014	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0084	0.0015	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.220	0.0026	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0078	0.0020	0.010	0.0000300	0.000000234	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.367	0.0020	0.010	0.0000300	0.0000110	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	0.0039	0.0022	0.010	0.0000300	0.000000117	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.010	0.100	0.000190	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0399	0.0032	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.505	0.0035	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	0.0189	0.0043	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0304	0.0040	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0070 (1)	0.0070	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	0.0086	0.0042	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0650	0.0098	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	0.0075	0.0071	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0221	0.0043	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	0.0048	0.0035	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0290	0.0037	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0097	0.0097	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0674	0.0032	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.114	0.0036	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.501	0.0028	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0390	0.0035	0.020	0.0000300	0.00000117	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0304	0.0025	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0129	0.0026	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0155	0.0033	0.010	0.0000300	0.000000465	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.010	0.0300	0.000102	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0281	0.0040	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0113	0.0059	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	0.0068	0.0063	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	0.0120	0.0054	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	0.0109	0.0059	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0149	0.0075	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	0.0096	0.0053	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0772	0.0041	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0071	0.0071	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0253	0.0047	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0802	0.0067	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	0.0065	0.0046	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0061 (1)	0.0061	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56'-OctaCB-(196)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	0.0105	0.0079	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0076	0.0076	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000310	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	70	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG614						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-20	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	75	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	82	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00039	0.00039	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0056	0.0056	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0060	0.0060	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.00807	0.00078	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00079	0.00079	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.00213	0.00084	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00776	0.00078	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0029	0.0029	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0084	0.0027	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0063	0.0026	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0129	0.0028	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	<0.0014 (1)	0.0014	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0047	0.0010	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0195	0.00099	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0056	0.0023	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0134	0.00099	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0015	0.0015	0.010	0.000100	0.000000150	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0129	0.0026	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0035	0.0021	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0048	0.0022	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0120	0.0022	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0031	0.0027	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0083	0.0014	0.010	0.0000300	0.000000249	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.00129	0.00094	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0102	0.0022	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0179	0.0013	0.010	0.0000300	0.000000537	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	<0.0015	0.0015	0.010	0.0000300	0.0000000450	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.0252	0.0040	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	<0.0069	0.0069	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0068	0.0068	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	<0.0041	0.0041	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.0222	0.0032	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	<0.0023	0.0023	0.020	0.0000300	0.0000000690	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	<0.0022	0.0022	0.010	0.0000300	0.0000000660	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.010	0.0300	0.0000690	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0036	0.0036	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0048	0.0025	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.010	0.0000300	0.0000000480	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000201	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	109	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	94	N/A	N/A	N/A	N/A	N/A	6439928

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG616						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	65	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	78	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	106	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	90	N/A	N/A	N/A	N/A	N/A	6439928

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0091	0.0091	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0083	0.0083	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.018	0.018	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0088	0.0088	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0085	0.0085	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.00858	0.00097	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.00099	0.00099	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0015	0.0010	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	0.0010	0.0010	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.00642	0.00097	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0029	0.0029	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0176	0.0027	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0151	0.0026	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0457	0.0028	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0034	0.0017	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0083	0.0016	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0672	0.0016	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	0.0025	0.0015	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0098	0.0024	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0368	0.0016	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.010	0.000100	0.000000240	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0919	0.0020	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	0.0044	0.0021	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0126	0.0015	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0297	0.0017	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	0.0042	0.0019	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.103	0.0016	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0217	0.0020	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0290	0.0019	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0531	0.0022	0.010	0.0000300	0.00000159	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0122	0.0015	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	0.0041	0.0016	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0937	0.0016	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	0.0036	0.0022	0.010	0.0000300	0.000000108	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.164	0.0021	0.010	0.0000300	0.00000492	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	0.0029	0.0023	0.010	0.0000300	0.0000000870	N/A	6439928

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.010	0.100	0.000200	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0097	0.0029	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.192	0.0032	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	<0.0089 (1)	0.0089	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0038	0.0038	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0281	0.0070	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	0.0097	0.0039	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0031	0.0031	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0121	0.0034	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0262	0.0029	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0367	0.0032	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.211	0.0026	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0059	0.0059	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0197	0.0023	0.020	0.0000300	0.000000591	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0129	0.0023	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	0.0046	0.0023	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	0.0079	0.0022	0.010	0.0000300	0.000000237	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.010	0.0300	0.0000690	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0135	0.0032	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	0.0057	0.0047	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0072	0.0062	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0413	0.0033	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0058	0.0058	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0121	0.0038	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0056	0.0056	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0370	0.0056	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	0.0051	0.0028	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6439928

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0093	0.0093	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0069	0.0069	0.010	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0061	0.0061	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0073	0.0073	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000278	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	102	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	69	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	114	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	106	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	101	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG618						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-VIL-SOLE-27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	53	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	55	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.017	0.017	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0081	0.0081	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0083	0.0083	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0082	0.0082	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	<0.0059 (1)	0.0059	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	<0.0051 (1)	0.0051	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0026	0.0026	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0115	0.0024	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0079	0.0024	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0234	0.0025	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0031	0.0017	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0256	0.0016	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0046	0.0021	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0134	0.0016	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.0099	0.000100	0.000000240	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0099	0.000300	0.000000690	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0516	0.0025	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0087	0.0020	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0133	0.0021	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0409	0.0021	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0091	0.0025	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0154	0.0023	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0192	0.0014	0.0099	0.0000300	0.000000576	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.00396	0.00096	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0280	0.0020	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0527	0.0014	0.0099	0.0000300	0.00000158	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0099	0.100	0.000130	N/A	6439928
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0099	0.0024	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.0991	0.0027	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0063	0.0031	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0128	0.0060	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0033	0.0033	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0055	0.0029	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0175	0.0024	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0222	0.0027	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.125	0.0022	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0055	0.0024	0.020	0.0000300	0.000000165	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0048	0.0020	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
23'44'55'-HexaCB-(167)	ng/g	<0.0023	0.0023	0.0099	0.0000300	0.0000000690	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0099	0.0300	0.0000720	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0075	0.0033	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0050	0.0050	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0210	0.0034	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0060	0.0039	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0257	0.0064	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0034	0.0034	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0077	0.0077	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0096	0.0096	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0078	0.0078	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000205	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	98	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	110	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	104	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	59	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	89	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	105	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG619						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	101	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	105	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	86	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	64	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	96	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.00075	0.00075	0.0099	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.020	0.020	0.0099	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0091	0.0091	0.0099	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0080	0.0080	0.0099	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0083	0.0083	0.0099	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.025	0.025	0.0099	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0086	0.0086	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0085	0.0085	0.0099	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0064	0.0064	0.0099	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0046	0.0046	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0038	0.0038	0.0099	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	<0.0053 (1)	0.0053	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0016	0.0011	0.0099	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	<0.0045 (1)	0.0045	0.0099	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6439928
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0032	0.0032	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0115	0.0030	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0033	0.0033	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0079	0.0029	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0032	0.0032	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0220	0.0031	0.0099	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0024	0.0024	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0034	0.0012	0.0099	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0293	0.0011	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	0.0043	0.0026	0.0099	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0151	0.0011	0.0099	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0017	0.0017	0.0099	0.000100	0.000000170	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6439928
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0099	0.000300	0.000000480	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0609	0.0026	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0122	0.0020	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0144	0.0022	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0443	0.0022	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0107	0.0027	0.0099	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0099	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	0.0160	0.0024	0.0099	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0032	0.0032	0.0099	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0237	0.0020	0.0099	0.0000300	0.000000711	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0032	0.0013	0.0099	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0286	0.0021	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0020	0.0020	0.0099	0.0000300	0.0000000600	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0679	0.0019	0.0099	0.0000300	0.00000204	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0124	0.0043	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.121	0.0047	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0156	0.0089	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0047	0.0047	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	0.0073	0.0051	0.0099	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0167	0.0043	0.0099	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0165	0.0049	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0089	0.0089	0.0099	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0065	0.0065	0.0099	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.158	0.0039	0.0099	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0070	0.0022	0.020	0.0000300	0.000000210	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0063	0.0035	0.0099	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.0099	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0035	0.0035	0.0099	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0039	0.0039	0.0099	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0033	0.0021	0.0099	0.0000300	0.000000099	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0099	0.0300	0.0000630	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	0.0094	0.0039	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0057	0.0057	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0045	0.0045	0.0099	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0058	0.0058	0.0099	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	0.0064	0.0061	0.0099	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0247	0.0040	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.0099	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0057	0.0057	0.0099	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0086	0.0046	0.0099	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0068	0.0068	0.0099	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0190	0.0055	0.0099	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.0099	0.0000300	0.0000000780	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0044	0.0044	0.0099	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0047	0.0047	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0053	0.0053	0.0099	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0099	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.0099	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0075	0.0075	0.0099	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6439928
22'33'55'66'-OctaCB-(202)	ng/g	<0.0066	0.0066	0.0099	N/A	N/A	N/A	6439928

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0094	0.0094	0.0099	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0076	0.0076	0.0099	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0069	0.0069	0.0099	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.0099	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0070	0.0070	0.0099	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0056	0.0056	0.0099	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000247	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	76	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	67	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	63	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	48	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	73	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG622						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-02 +7	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	66	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	47	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	71	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	79	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
3-MonoCB-(2)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6439928
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6439928
22'-DiCB-(4)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439928
2,3-DiCB-(5)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6439928
2,3'-DiCB-(6)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439928
2,4-DiCB-(7)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439928
2,4'-DiCB-(8)	ng/g	<0.0086	0.0086	0.010	N/A	N/A	N/A	6439928
2,5-DiCB-(9)	ng/g	<0.0089	0.0089	0.010	N/A	N/A	N/A	6439928
2,6-DiCB-(10)	ng/g	<0.019	0.019	0.010	N/A	N/A	N/A	6439928
3,3'-DiCB-(11)	ng/g	<0.0095	0.0095	0.010	N/A	N/A	N/A	6439928
DiCB-(12)+(13)	ng/g	<0.0092	0.0092	0.020	N/A	N/A	N/A	6439928
3,5-DiCB-(14)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6439928
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.010	N/A	N/A	N/A	6439928
22'3-TriCB-(16)	ng/g	<0.0048	0.0048	0.010	N/A	N/A	N/A	6439928
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
TriCB-(18)+(30)	ng/g	<0.0034	0.0034	0.020	N/A	N/A	N/A	6439928
22'6-TriCB-(19)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
TriCB-(20) + (28)	ng/g	0.0042	0.0010	0.020	N/A	N/A	N/A	6439928
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6439928
234'-TriCB-(22)	ng/g	0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
236-TriCB-(24)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6439928
23'4-TriCB-(25)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6439928
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
24'5-TriCB-(31)	ng/g	0.0036	0.0010	0.010	N/A	N/A	N/A	6439928
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
33'5-TriCB-(36)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6439928
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6439928
TetraCB-(40)+(41)+(71)	ng/g	<0.0022	0.0022	0.030	N/A	N/A	N/A	6439928
22'34'-TetraCB-(42)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6439928
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
TetraCB-(44)+(47)+(65)	ng/g	0.0089	0.0021	0.030	N/A	N/A	N/A	6439928
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439928
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
TetraCB-(49)+TetraCB-(69)	ng/g	0.0063	0.0020	0.020	N/A	N/A	N/A	6439928
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6439928
22'55'-TetraCB-(52)	ng/g	0.0171	0.0022	0.010	N/A	N/A	N/A	6439928
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6439928
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'4'-Tetra CB(56)	ng/g	0.0015	0.0012	0.010	N/A	N/A	N/A	6439928
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
TetraCB-(59)+(62)+(75)	ng/g	<0.0017	0.0017	0.030	N/A	N/A	N/A	6439928
2344'-TetraCB -(60)	ng/g	0.0020	0.0011	0.010	N/A	N/A	N/A	6439928
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0199	0.0011	0.040	N/A	N/A	N/A	6439928
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
234'6-TetraCB-(64)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6439928
23'44'-TetraCB-(66)	ng/g	0.0092	0.0011	0.010	N/A	N/A	N/A	6439928
23'45-TetraCB-(67)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
33'44'-TetraCB-(77)	ng/g	<0.0017	0.0017	0.010	0.000100	0.000000170	N/A	6439928
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6439928
33'45'-TetraCB(79)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6439928
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6439928
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
PentaCB-(83)+(99)	ng/g	0.0477	0.0024	0.020	N/A	N/A	N/A	6439928
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6439928
PentaCB-(85)+(116)+(117)	ng/g	0.0085	0.0019	0.030	N/A	N/A	N/A	6439928
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0117	0.0021	0.060	N/A	N/A	N/A	6439928
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6439928
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
PentaCB-(90)+(101)+(113)	ng/g	0.0348	0.0020	0.030	N/A	N/A	N/A	6439928
22'355'-PentaCB-(92)	ng/g	0.0082	0.0025	0.010	N/A	N/A	N/A	6439928
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.040	N/A	N/A	N/A	6439928
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
22'35'6-PentaCB-(95)	ng/g	<0.012 (1)	0.012	0.010	N/A	N/A	N/A	6439928
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6439928
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6439928
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6439928
233'44'-PentaCB-(105)	ng/g	0.0165	0.0024	0.010	0.0000300	0.000000495	N/A	6439928
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
233'4'5-PentaCB-(107)	ng/g	0.0028	0.0016	0.010	N/A	N/A	N/A	6439928
PentaCB-(108)+(124)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6439928
PentaCB-(110)+(115)	ng/g	0.0210	0.0020	0.020	N/A	N/A	N/A	6439928
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6439928
2344'5-PentaCB-(114)	ng/g	<0.0024	0.0024	0.010	0.0000300	0.0000000720	N/A	6439928
23'44'5-PentaCB-(118)	ng/g	0.0445	0.0023	0.010	0.0000300	0.00000134	N/A	6439928
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6439928
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6439928
23'44'5'-PentaCB-(123)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780	N/A	6439928
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.010	0.100	0.000220	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6439928
HexaCB-(128)+(166)	ng/g	0.0111	0.0032	0.020	N/A	N/A	N/A	6439928
HexaCB-(129)+(138)+(163)	ng/g	0.0979	0.0035	0.030	N/A	N/A	N/A	6439928
22'33'45'-HexaCB-(130)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
22'33'46'-HexaCB-(132)	ng/g	0.0054	0.0041	0.010	N/A	N/A	N/A	6439928
22'33'55'-HexaCB-(133)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.020	N/A	N/A	N/A	6439928
HexaCB-(135)+(151)	ng/g	0.0138	0.0063	0.020	N/A	N/A	N/A	6439928
22'33'66'-HexaCB-(136)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'344'5-HexaCB-(137)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
HexaCB-(139)+(140)	ng/g	<0.0035	0.0035	0.020	N/A	N/A	N/A	6439928
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.010	N/A	N/A	N/A	6439928
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6439928
22'345'6-HexaCB-(144)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6439928
22'3466'-HexaCB-(145)	ng/g	<0.0047	0.0047	0.010	N/A	N/A	N/A	6439928
22'34'55'-HexaCB-(146)	ng/g	0.0142	0.0032	0.010	N/A	N/A	N/A	6439928
HexaCB-(147)+(149)	ng/g	0.0165	0.0036	0.020	N/A	N/A	N/A	6439928
22'34'56'-HexaCB-(148)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439928
22'34'66'-HexaCB-(150)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'3566'-HexaCB-(152)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
HexaCB-(153)+(168)	ng/g	0.121	0.0029	0.010	N/A	N/A	N/A	6439928
22'44'56'-HexaCB-(154)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
22'44'66'-HexaCB-(155)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6439928
HexaCB-(156)+(157)	ng/g	0.0051	0.0017	0.020	0.0000300	0.000000153	N/A	6439928
233'44'6-HexaCB-(158)	ng/g	0.0047	0.0026	0.010	N/A	N/A	N/A	6439928
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6439928
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6439928
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6439928
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6439928
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0023	0.0016	0.010	0.0000300	0.0000000690	N/A	6439928
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.010	0.0300	0.0000510	N/A	6439928
22'33'44'5-HeptaCB-(170)	ng/g	<0.0066 (1)	0.0066	0.010	N/A	N/A	N/A	6439928
HeptaCB-(171)+(173)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6439928
22'33'455'-HeptaCB-(172)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'33'456'-HeptaCB-(174)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.010	N/A	N/A	N/A	6439928
22'33'466'-HeptaCB-(176)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
22'33'55'6-HeptaCB-(178)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
22'33'566'-HeptaCB-(179)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
HeptaCB-(180)+(193)	ng/g	0.0213	0.0034	0.020	N/A	N/A	N/A	6439928
22'344'56-HeptaCB-(181)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6439928
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928
22'344'5'6-HeptaCB-(183)	ng/g	0.0078	0.0039	0.010	N/A	N/A	N/A	6439928
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.010	N/A	N/A	N/A	6439928
22'3455'6-HeptaCB-(185)	ng/g	<0.0057	0.0057	0.010	N/A	N/A	N/A	6439928
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
22'34'55'6-HeptaCB-(187)	ng/g	0.0165	0.0047	0.010	N/A	N/A	N/A	6439928
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6439928
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690	N/A	6439928
233'44'56-HeptaCB-(190)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
233'44'5'6-HeptaCB-(191)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6439928
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6439928
22'33'44'55'-OctaCB-(194)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6439928
22'33'44'56-OctaCB-(195)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'44'56'-OctaCB-(196)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6439928
22'33'44'66'OctaCB-(197)	ng/g	<0.0049	0.0049	0.010	N/A	N/A	N/A	6439928
OctaCB-(198)+(199)	ng/g	<0.0068	0.0068	0.020	N/A	N/A	N/A	6439928
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
22'33'45'66'-OctaCB-(201)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0044	0.0044	0.010	N/A	N/A	N/A	6439928
22'344'55'6-OctaCB-(203)	ng/g	<0.0063	0.0063	0.010	N/A	N/A	N/A	6439928
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6439928
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6439928
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6439928
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.010	N/A	N/A	N/A	6439928
22'33'455'66'-NonaCB-(208)	ng/g	<0.0054	0.0054	0.010	N/A	N/A	N/A	6439928
DecaCB-(209)	ng/g	<0.0087	0.0087	0.010	N/A	N/A	N/A	6439928
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000274	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'455'66'-NonaCB-(208)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'66'-OctaCB-(202)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'33'55'6-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'344'55'-HeptaCB-(180)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'34'566'-HeptaCB-(188)	%	77	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'44'66'-HexaCB-(155)	%	83	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'466'-PentaCB-(104)	%	84	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'66'-TetraCB-(54)	%	75	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6439928
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'6-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'55'-HeptaCB-(189)	%	103	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'44'-PentaCB-(105)	%	91	N/A	N/A	N/A	N/A	N/A	6439928
C13-233'55'-PentaCB-(111)	%	96	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-2344'5-PentaCB-(114)	%	90	N/A	N/A	N/A	N/A	N/A	6439928
C13-23'44'5-PentaCB-(118)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-2'344'5-PentaCB-(123)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-2-MonoCB-(1)	%	57	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG623						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-03 +15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	81	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'5-PentaCB-(126)	%	94	N/A	N/A	N/A	N/A	N/A	6439928
C13-33'44'-TetraCB-(77)	%	92	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6439928
C13-344'-TriCB-(37)	%	95	N/A	N/A	N/A	N/A	N/A	6439928
C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	6439928
C13-4-MonoCB-(3)	%	60	N/A	N/A	N/A	N/A	N/A	6439928
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6439928
C13-HexaCB-(156)+(157)	%	87	N/A	N/A	N/A	N/A	N/A	6439928

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	6491814
3-MonoCB-(2)	ng/g	<0.00074	0.00074	0.0098	N/A	N/A	N/A	6491814
4-MonoCB-(3)	ng/g	<0.00081	0.00081	0.0098	N/A	N/A	N/A	6491814
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
2,3-DiCB-(5)	ng/g	<0.00095	0.00095	0.0098	N/A	N/A	N/A	6491814
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
2,4-DiCB-(7)	ng/g	<0.00099	0.00099	0.0098	N/A	N/A	N/A	6491814
2,4'-DiCB-(8)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
3,3'-DiCB-(11)	ng/g	<0.0012 (1)	0.0012	0.0098	N/A	N/A	N/A	6491814
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6491814
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
4,4'-DiCB-(15)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
TriCB-(18)+(30)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6491814
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
TriCB-(20) + (28)	ng/g	<0.0032 (1)	0.0032	0.020	N/A	N/A	N/A	6491814
TriCB-(21)+(33)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6491814
234'-TriCB-(22)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6491814
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
24'5-TriCB-(31)	ng/g	<0.0021 (1)	0.0021	0.0098	N/A	N/A	N/A	6491814
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
344'-TriCB-(37)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
TetraCB-(40)+(41)+(71)	ng/g	<0.0029	0.0029	0.029	N/A	N/A	N/A	6491814
22'34'-TetraCB-(42)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6491814
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	6491814
TetraCB-(44)+(47)+(65)	ng/g	0.0068	0.0027	0.029	N/A	N/A	N/A	6491814
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020	N/A	N/A	N/A	6491814
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	6491814
22'45-TetraCB-(48)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
TetraCB-(49)+TetraCB-(69)	ng/g	0.0029	0.0026	0.020	N/A	N/A	N/A	6491814
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6491814
22'55'-TetraCB-(52)	ng/g	0.0099	0.0028	0.0098	N/A	N/A	N/A	6491814
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'4'-Tetra CB(56)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
TetraCB-(59)+(62)+(75)	ng/g	<0.0022	0.0022	0.029	N/A	N/A	N/A	6491814
2344'-TetraCB -(60)	ng/g	0.0024	0.0015	0.0098	N/A	N/A	N/A	6491814
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0146	0.0015	0.039	N/A	N/A	N/A	6491814
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
234'6-TetraCB-(64)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
23'44'-TetraCB-(66)	ng/g	0.0079	0.0014	0.0098	N/A	N/A	N/A	6491814
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
33'44'-TetraCB-(77)	ng/g	<0.0019	0.0019	0.0098	0.000100	0.000000190	N/A	6491814
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570	N/A	6491814
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
PentaCB-(83)+(99)	ng/g	0.0298	0.0026	0.020	N/A	N/A	N/A	6491814
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
PentaCB-(85)+(116)+(117)	ng/g	0.0064	0.0020	0.029	N/A	N/A	N/A	6491814
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0081	0.0022	0.059	N/A	N/A	N/A	6491814
PentaCB-(88)+(91)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6491814
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
PentaCB-(90)+(101)+(113)	ng/g	0.0190	0.0022	0.029	N/A	N/A	N/A	6491814
22'355'-PentaCB-(92)	ng/g	0.0043	0.0027	0.0098	N/A	N/A	N/A	6491814
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.039	N/A	N/A	N/A	6491814
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
22'35'6-PentaCB-(95)	ng/g	0.0062	0.0024	0.0098	N/A	N/A	N/A	6491814
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'44'-PentaCB-(105)	ng/g	0.0108	0.0012	0.0098	0.0000300	0.000000324	N/A	6491814
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
233'4'5-PentaCB-(107)	ng/g	0.00309	0.00096	0.0098	N/A	N/A	N/A	6491814
PentaCB-(108)+(124)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6491814
PentaCB-(110)+(115)	ng/g	0.0136	0.0019	0.020	N/A	N/A	N/A	6491814
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0098	0.0000300	0.0000000360	N/A	6491814
23'44'5-PentaCB-(118)	ng/g	0.0348	0.0012	0.0098	0.0000300	0.00000104	N/A	6491814
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0098	0.0000300	0.0000000390	N/A	6491814
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0098	0.100	0.000120	N/A	6491814
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0099	0.0018	0.020	N/A	N/A	N/A	6491814
HexaCB-(129)+(138)+(163)	ng/g	0.0666	0.0018	0.029	N/A	N/A	N/A	6491814
22'33'45'-HexaCB-(130)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'33'46-HexaCB-(131)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'33'46'-HexaCB-(132)	ng/g	0.0029	0.0021	0.0098	N/A	N/A	N/A	6491814
22'33'55'-HexaCB-(133)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
HexaCB-(134)+(143)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6491814
HexaCB-(135)+(151)	ng/g	0.0092	0.0033	0.020	N/A	N/A	N/A	6491814
22'33'66'-HexaCB-(136)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'344'5-HexaCB-(137)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
HexaCB-(139)+(140)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6491814
22'3455'-HexaCB-(141)	ng/g	<0.0039 (1)	0.0039	0.0098	N/A	N/A	N/A	6491814
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'345'6-HexaCB-(144)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6491814
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'34'55'-HexaCB-(146)	ng/g	0.0118	0.0017	0.0098	N/A	N/A	N/A	6491814
HexaCB-(147)+(149)	ng/g	0.0088	0.0018	0.020	N/A	N/A	N/A	6491814
22'34'56'-HexaCB-(148)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6491814
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
HexaCB-(153)+(168)	ng/g	0.0892	0.0016	0.0098	N/A	N/A	N/A	6491814
22'44'56'-HexaCB-(154)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
HexaCB-(156)+(157)	ng/g	0.0037	0.0014	0.020	0.0000300	0.000000111	N/A	6491814
233'44'6-HexaCB-(158)	ng/g	0.0044	0.0014	0.0098	N/A	N/A	N/A	6491814
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'4'5'6-HexaCB-(164)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	0.0015	0.0013	0.0098	0.0000300	0.0000000450	N/A	6491814
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0098	0.0300	0.0000390	N/A	6491814
22'33'44'5-HeptaCB-(170)	ng/g	0.0050	0.0014	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(171)+(173)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6491814
22'33'455'-HeptaCB-(172)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'456'-HeptaCB-(174)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'33'55'6-HeptaCB-(178)	ng/g	<0.0030 (1)	0.0030	0.0098	N/A	N/A	N/A	6491814
22'33'566'-HeptaCB-(179)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(180)+(193)	ng/g	0.0154	0.0014	0.020	N/A	N/A	N/A	6491814
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'344'5'6-HeptaCB-(183)	ng/g	0.0062	0.0018	0.0098	N/A	N/A	N/A	6491814
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
22'3455'6-HeptaCB-(185)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'34'55'6-HeptaCB-(187)	ng/g	0.0107	0.0019	0.0098	N/A	N/A	N/A	6491814
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0098	0.0000300	0.0000000390	N/A	6491814
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030 (1)	0.0030	0.0098	N/A	N/A	N/A	6491814
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
22'33'44'56'-OctaCB-(196)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
OctaCB-(198)+(199)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6491814
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'344'55'6-OctaCB-(203)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
DecaCB-(209)	ng/g	<0.00083	0.00083	0.0098	N/A	N/A	N/A	6491814
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000161	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'5-HeptaCB-(170)	%	86	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'455'66'-NonaCB-(208)	%	102	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'66'-OctaCB-(202)	%	83	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'6-HeptaCB-(178)	%	134 (1)	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'344'55'-HeptaCB-(180)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'34'566'-HeptaCB-(188)	%	95	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'44'66'-HexaCB-(155)	%	100	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'466'-PentaCB-(104)	%	95	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'66'-TetraCB-(54)	%	102	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'-DiCB-(4)	%	79	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'-HeptaCB-(189)	%	91	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'-PentaCB-(105)	%	100	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'55'-PentaCB-(111)	%	107	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'55'-HexaCB-(167)	%	92	N/A	N/A	N/A	N/A	N/A	6491814
C13-2344'5-PentaCB-(114)	%	91	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6491814

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

N/A = Not Applicable

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-05 +10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	101	N/A	N/A	N/A	N/A	N/A	6491814
C13-2-MonoCB-(1)	%	64	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'55'-HexaCB-(169)	%	88	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'5-PentaCB-(126)	%	110	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'5-TetraCB-(81)	%	93	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6491814
C13-44'-DiCB-(15)	%	70	N/A	N/A	N/A	N/A	N/A	6491814
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	6491814
C13-DecaCB-(209)	%	122	N/A	N/A	N/A	N/A	N/A	6491814
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6491814

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
2,4'-DiCB-(8)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6491814
3,3'-DiCB-(11)	ng/g	<0.0027 (1)	0.0027	0.0098	N/A	N/A	N/A	6491814
DiCB-(12)+(13)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6491814
3,5-DiCB-(14)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
4,4'-DiCB-(15)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'3-TriCB-(16)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6491814
22'4-TriCB-(17)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6491814
TriCB-(18)+(30)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6491814
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
TriCB-(20) + (28)	ng/g	0.0034	0.0015	0.020	N/A	N/A	N/A	6491814
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6491814
234'-TriCB-(22)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
TriCB-(26)+(29)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6491814
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
24'5-TriCB-(31)	ng/g	0.0033	0.0015	0.0098	N/A	N/A	N/A	6491814
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814

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QC Batch = Quality Control Batch
N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
344'-TriCB-(37)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.030	N/A	N/A	N/A	6491814
22'34'-TetraCB-(42)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6491814
22'35-TetraCB-(43)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6491814
TetraCB-(44)+(47)+(65)	ng/g	0.0043	0.0026	0.030	N/A	N/A	N/A	6491814
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6491814
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6491814
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
TetraCB-(49)+TetraCB-(69)	ng/g	0.0040	0.0025	0.020	N/A	N/A	N/A	6491814
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020	N/A	N/A	N/A	6491814
22'55'-TetraCB-(52)	ng/g	0.0105	0.0027	0.0098	N/A	N/A	N/A	6491814
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'4'-Tetra CB(56)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.030	N/A	N/A	N/A	6491814
2344'-TetraCB -(60)	ng/g	0.0023	0.0015	0.0098	N/A	N/A	N/A	6491814
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0116	0.0015	0.039	N/A	N/A	N/A	6491814
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
234'6-TetraCB-(64)	ng/g	0.0029	0.0022	0.0098	N/A	N/A	N/A	6491814
23'44'-TetraCB-(66)	ng/g	0.0055	0.0014	0.0098	N/A	N/A	N/A	6491814
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
33'44'-TetraCB-(77)	ng/g	<0.0019	0.0019	0.0098	0.000100	0.000000190	N/A	6491814
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570	N/A	6491814
22'33'4-PentaCB-(82)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
PentaCB-(83)+(99)	ng/g	0.0213	0.0023	0.020	N/A	N/A	N/A	6491814
22'33'6-PentaCB-(84)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
PentaCB-(85)+(116)+(117)	ng/g	0.0027	0.0018	0.030	N/A	N/A	N/A	6491814
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0064	0.0019	0.059	N/A	N/A	N/A	6491814
PentaCB-(88)+(91)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6491814
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
PentaCB-(90)+(101)+(113)	ng/g	0.0173	0.0019	0.030	N/A	N/A	N/A	6491814
22'355'-PentaCB-(92)	ng/g	0.0092	0.0024	0.0098	N/A	N/A	N/A	6491814
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.039	N/A	N/A	N/A	6491814
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'35'6-PentaCB-(95)	ng/g	0.0080	0.0021	0.0098	N/A	N/A	N/A	6491814
22'366'-PentaCB-(96)	ng/g	<0.0039	0.0039	0.0098	N/A	N/A	N/A	6491814
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
233'44'-PentaCB-(105)	ng/g	0.0088	0.0014	0.0098	0.0000300	0.000000264	N/A	6491814
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
233'4'5-PentaCB-(107)	ng/g	0.0019	0.0011	0.0098	N/A	N/A	N/A	6491814
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6491814
PentaCB-(110)+(115)	ng/g	0.0100	0.0017	0.020	N/A	N/A	N/A	6491814
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0098	0.0000300	0.0000000420	N/A	6491814
23'44'5-PentaCB-(118)	ng/g	0.0293	0.0014	0.0098	0.0000300	0.000000879	N/A	6491814
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
23'44'5'-PentaCB-(123)	ng/g	<0.0015	0.0015	0.0098	0.0000300	0.0000000450	N/A	6491814
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0098	0.100	0.000130	N/A	6491814
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0044	0.0022	0.020	N/A	N/A	N/A	6491814
HexaCB-(129)+(138)+(163)	ng/g	0.0500	0.0023	0.030	N/A	N/A	N/A	6491814
22'33'45'-HexaCB-(130)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6491814
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0098	N/A	N/A	N/A	6491814
22'33'46'-HexaCB-(132)	ng/g	0.0039	0.0027	0.0098	N/A	N/A	N/A	6491814
22'33'55'-HexaCB-(133)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
HexaCB-(134)+(143)	ng/g	<0.0027	0.0027	0.020	N/A	N/A	N/A	6491814
HexaCB-(135)+(151)	ng/g	0.0078	0.0038	0.020	N/A	N/A	N/A	6491814
22'33'66'-HexaCB-(136)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
22'344'5-HexaCB-(137)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6491814
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6491814
22'3455'-HexaCB-(141)	ng/g	0.0035	0.0025	0.0098	N/A	N/A	N/A	6491814
22'3456-HexaCB-(142)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
22'345'6-HexaCB-(144)	ng/g	<0.0042	0.0042	0.0098	N/A	N/A	N/A	6491814
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6491814
22'34'55'-HexaCB-(146)	ng/g	0.0080	0.0022	0.0098	N/A	N/A	N/A	6491814
HexaCB-(147)+(149)	ng/g	0.0068	0.0023	0.020	N/A	N/A	N/A	6491814
22'34'56'-HexaCB-(148)	ng/g	<0.0037	0.0037	0.0098	N/A	N/A	N/A	6491814
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0098	N/A	N/A	N/A	6491814
HexaCB-(153)+(168)	ng/g	0.0605	0.0020	0.0098	N/A	N/A	N/A	6491814
22'44'56'-HexaCB-(154)	ng/g	<0.0032	0.0032	0.0098	N/A	N/A	N/A	6491814
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
HexaCB-(156)+(157)	ng/g	0.0028	0.0013	0.020	0.0000300	0.0000000840	N/A	6491814
233'44'6-HexaCB-(158)	ng/g	0.0023	0.0017	0.0098	N/A	N/A	N/A	6491814
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
233'4'5'6-HexaCB-(164)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
23'44'55'-HexaCB-(167)	ng/g	<0.0012	0.0012	0.0098	0.0000300	0.0000000360	N/A	6491814

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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0098	0.0300	0.0000390	N/A	6491814
22'33'44'5-HeptaCB-(170)	ng/g	0.0032	0.0014	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(171)+(173)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6491814
22'33'455'-HeptaCB-(172)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
22'33'456'-HeptaCB-(174)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'33'45'6-HeptaCB-(175)	ng/g	<0.0033	0.0033	0.0098	N/A	N/A	N/A	6491814
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'55'6-HeptaCB-(178)	ng/g	<0.0036	0.0036	0.0098	N/A	N/A	N/A	6491814
22'33'566'-HeptaCB-(179)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(180)+(193)	ng/g	0.0090	0.0015	0.020	N/A	N/A	N/A	6491814
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'344'56'-HeptaCB-(182)	ng/g	<0.0031	0.0031	0.0098	N/A	N/A	N/A	6491814
22'344'5'6-HeptaCB-(183)	ng/g	0.0027	0.0019	0.0098	N/A	N/A	N/A	6491814
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
22'34'55'6-HeptaCB-(187)	ng/g	0.0086	0.0031	0.0098	N/A	N/A	N/A	6491814
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
233'44'55'-HeptaCB-(189)	ng/g	<0.00088	0.00088	0.0098	0.0000300	0.0000000264	N/A	6491814
233'44'56-HeptaCB-(190)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'-OctaCB-(194)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'44'56'-OctaCB-(196)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
OctaCB-(198)+(199)	ng/g	<0.0026	0.0026	0.020	N/A	N/A	N/A	6491814
22'33'4566'-OctaCB-(200)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'33'55'66'-OctaCB-(202)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'344'55'6-OctaCB-(203)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
22'33'455'66'-NonaCB-(208)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
DecaCB-(209)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000171	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'55'6-NonaCB-(206)	%	105	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'5-HeptaCB-(170)	%	79	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'455'66'-NonaCB-(208)	%	88	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'66'-OctaCB-(202)	%	74	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'6-HeptaCB-(178)	%	113	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'344'55'-HeptaCB-(180)	%	73	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'44'66'-HexaCB-(155)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'466'-PentaCB-(104)	%	81	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'6-TriCB-(19)	%	57	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'6-OctaCB-(205)	%	80	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'55'-PentaCB-(111)	%	95	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'55'-HexaCB-(167)	%	80	N/A	N/A	N/A	N/A	N/A	6491814
C13-2344'5-PentaCB-(114)	%	76	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'5-PentaCB-(118)	%	79	N/A	N/A	N/A	N/A	N/A	6491814
C13-2'344'5-PentaCB-(123)	%	81	N/A	N/A	N/A	N/A	N/A	6491814
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'5-PentaCB-(126)	%	76	N/A	N/A	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'-TetraCB-(77)	%	72	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'-TriCB-(37)	%	63	N/A	N/A	N/A	N/A	N/A	6491814
C13-44'-DiCB-(15)	%	56	N/A	N/A	N/A	N/A	N/A	6491814
C13-4-MonoCB-(3)	%	46	N/A	N/A	N/A	N/A	N/A	6491814
C13-DecaCB-(209)	%	113	N/A	N/A	N/A	N/A	N/A	6491814
C13-HexaCB-(156)+(157)	%	83	N/A	N/A	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00095	0.00095	0.0098	N/A	N/A	N/A	6491814
3-MonoCB-(2)	ng/g	<0.00084	0.00084	0.0098	N/A	N/A	N/A	6491814
4-MonoCB-(3)	ng/g	<0.00092	0.00092	0.0098	N/A	N/A	N/A	6491814
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
2,3-DiCB-(5)	ng/g	<0.00070	0.00070	0.0098	N/A	N/A	N/A	6491814
2,3'-DiCB-(6)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	6491814
2,4-DiCB-(7)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	6491814
2,4'-DiCB-(8)	ng/g	<0.00077	0.00077	0.0098	N/A	N/A	N/A	6491814
2,5-DiCB-(9)	ng/g	<0.00073	0.00073	0.0098	N/A	N/A	N/A	6491814
2,6-DiCB-(10)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
3,3'-DiCB-(11)	ng/g	<0.0018 (1)	0.0018	0.0098	N/A	N/A	N/A	6491814
DiCB-(12)+(13)	ng/g	<0.00077	0.00077	0.020	N/A	N/A	N/A	6491814
3,5-DiCB-(14)	ng/g	<0.00075	0.00075	0.0098	N/A	N/A	N/A	6491814
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.0098	N/A	N/A	N/A	6491814
22'4-TriCB-(17)	ng/g	<0.0034	0.0034	0.0098	N/A	N/A	N/A	6491814
TriCB-(18)+(30)	ng/g	<0.0029	0.0029	0.020	N/A	N/A	N/A	6491814
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
TriCB-(20) + (28)	ng/g	0.0023	0.0012	0.020	N/A	N/A	N/A	6491814
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6491814
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6491814
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
24'5-TriCB-(31)	ng/g	0.0025	0.0012	0.0098	N/A	N/A	N/A	6491814
24'6-TriCB-(32)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814

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N/A = Not Applicable
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
TetraCB-(40)+(41)+(71)	ng/g	<0.0021	0.0021	0.029	N/A	N/A	N/A	6491814
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
TetraCB-(44)+(47)+(65)	ng/g	0.0060	0.0020	0.029	N/A	N/A	N/A	6491814
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6491814
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
TetraCB-(49)+TetraCB-(69)	ng/g	0.0042	0.0019	0.020	N/A	N/A	N/A	6491814
TetraCB-(50)+(53)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6491814
22'55'-TetraCB-(52)	ng/g	0.0093	0.0020	0.0098	N/A	N/A	N/A	6491814
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
233'4'-Tetra CB(56)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.029	N/A	N/A	N/A	6491814
2344'-TetraCB -(60)	ng/g	0.0019	0.0011	0.0098	N/A	N/A	N/A	6491814
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0110	0.0011	0.039	N/A	N/A	N/A	6491814
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
234'6-TetraCB-(64)	ng/g	0.0018	0.0017	0.0098	N/A	N/A	N/A	6491814
23'44'-TetraCB-(66)	ng/g	0.0061	0.0010	0.0098	N/A	N/A	N/A	6491814
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
33'44'-TetraCB-(77)	ng/g	<0.0014	0.0014	0.0098	0.000100	0.000000140	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
33'45'-TetraCB(79)	ng/g	<0.00099	0.00099	0.0098	N/A	N/A	N/A	6491814
33'55'-TetraCB-(80)	ng/g	<0.00094	0.00094	0.0098	N/A	N/A	N/A	6491814
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0098	0.000300	0.000000390	N/A	6491814
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
PentaCB-(83)+(99)	ng/g	0.0297	0.0026	0.020	N/A	N/A	N/A	6491814
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
PentaCB-(85)+(116)+(117)	ng/g	0.0035	0.0020	0.029	N/A	N/A	N/A	6491814
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0071	0.0021	0.059	N/A	N/A	N/A	6491814
PentaCB-(88)+(91)	ng/g	<0.0025	0.0025	0.020	N/A	N/A	N/A	6491814
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
PentaCB-(90)+(101)+(113)	ng/g	0.0199	0.0022	0.029	N/A	N/A	N/A	6491814
22'355'-PentaCB-(92)	ng/g	0.0051	0.0026	0.0098	N/A	N/A	N/A	6491814
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.039	N/A	N/A	N/A	6491814
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0098	N/A	N/A	N/A	6491814
22'35'6-PentaCB-(95)	ng/g	0.0068	0.0023	0.0098	N/A	N/A	N/A	6491814
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0098	N/A	N/A	N/A	6491814
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
233'44'-PentaCB-(105)	ng/g	0.0095	0.0015	0.0098	0.0000300	0.000000285	N/A	6491814
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
233'4'5-PentaCB-(107)	ng/g	0.0026	0.0011	0.0098	N/A	N/A	N/A	6491814
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6491814
PentaCB-(110)+(115)	ng/g	0.0157	0.0019	0.020	N/A	N/A	N/A	6491814
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.0098	0.0000300	0.0000000450	N/A	6491814
23'44'5-PentaCB-(118)	ng/g	0.0310	0.0014	0.0098	0.0000300	0.000000930	N/A	6491814
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0098	0.0000300	0.0000000480	N/A	6491814
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0098	0.100	0.000140	N/A	6491814
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
HexaCB-(128)+(166)	ng/g	0.0061	0.0018	0.020	N/A	N/A	N/A	6491814
HexaCB-(129)+(138)+(163)	ng/g	0.0592	0.0019	0.029	N/A	N/A	N/A	6491814
22'33'45'-HexaCB-(130)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'33'46'-HexaCB-(132)	ng/g	0.0031	0.0022	0.0098	N/A	N/A	N/A	6491814
22'33'55'-HexaCB-(133)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
HexaCB-(134)+(143)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6491814
HexaCB-(135)+(151)	ng/g	0.0088	0.0025	0.020	N/A	N/A	N/A	6491814
22'33'66'-HexaCB-(136)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'344'5-HexaCB-(137)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6491814
22'3455'-HexaCB-(141)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'345'6-HexaCB-(144)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
22'3466'-HexaCB-(145)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'34'55'-HexaCB-(146)	ng/g	0.0089	0.0018	0.0098	N/A	N/A	N/A	6491814
HexaCB-(147)+(149)	ng/g	0.0096	0.0019	0.020	N/A	N/A	N/A	6491814
22'34'56'-HexaCB-(148)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
HexaCB-(153)+(168)	ng/g	0.0740	0.0016	0.0098	N/A	N/A	N/A	6491814
22'44'56'-HexaCB-(154)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
HexaCB-(156)+(157)	ng/g	0.0022	0.0018	0.020	0.0000300	0.0000000660	N/A	6491814
233'44'6-HexaCB-(158)	ng/g	0.0020	0.0014	0.0098	N/A	N/A	N/A	6491814
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0098	N/A	N/A	N/A	6491814
233'4'5'6-HexaCB-(164)	ng/g	<0.0013	0.0013	0.0098	N/A	N/A	N/A	6491814
233'55'6-HexaCB-(165)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
23'44'55'-HexaCB-(167)	ng/g	<0.0017	0.0017	0.0098	0.0000300	0.0000000510	N/A	6491814
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0098	0.0300	0.0000540	N/A	6491814
22'33'44'5-HeptaCB-(170)	ng/g	0.0049	0.0014	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(171)+(173)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6491814
22'33'455'-HeptaCB-(172)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'456'-HeptaCB-(174)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0098	N/A	N/A	N/A	6491814
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
22'33'55'6-HeptaCB-(178)	ng/g	<0.0028	0.0028	0.0098	N/A	N/A	N/A	6491814
22'33'566'-HeptaCB-(179)	ng/g	<0.0020	0.0020	0.0098	N/A	N/A	N/A	6491814
HeptaCB-(180)+(193)	ng/g	0.0126	0.0015	0.020	N/A	N/A	N/A	6491814
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'344'56'-HeptaCB-(182)	ng/g	<0.0024	0.0024	0.0098	N/A	N/A	N/A	6491814
22'344'5'6-HeptaCB-(183)	ng/g	0.0037	0.0019	0.0098	N/A	N/A	N/A	6491814
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0098	N/A	N/A	N/A	6491814
22'3455'6-HeptaCB-(185)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0098	N/A	N/A	N/A	6491814
22'34'55'6-HeptaCB-(187)	ng/g	0.0124	0.0025	0.0098	N/A	N/A	N/A	6491814
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.0098	N/A	N/A	N/A	6491814
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0098	0.0000300	0.0000000480	N/A	6491814
233'44'56-HeptaCB-(190)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.0098	N/A	N/A	N/A	6491814
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'-OctaCB-(194)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
22'33'44'56-OctaCB-(195)	ng/g	<0.0012	0.0012	0.0098	N/A	N/A	N/A	6491814
22'33'44'56'-OctaCB-(196)	ng/g	<0.0025	0.0025	0.0098	N/A	N/A	N/A	6491814
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6491814
22'33'4566'-OctaCB-(200)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.0098	N/A	N/A	N/A	6491814
22'33'55'66'-OctaCB-(202)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
22'344'55'6-OctaCB-(203)	ng/g	<0.0023	0.0023	0.0098	N/A	N/A	N/A	6491814
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0098	N/A	N/A	N/A	6491814
233'44'55'6-OctaCB-(205)	ng/g	<0.0010	0.0010	0.0098	N/A	N/A	N/A	6491814
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
22'33'44'566'-NonaCB-(207)	ng/g	<0.00097	0.00097	0.0098	N/A	N/A	N/A	6491814
22'33'455'66'-NonaCB-(208)	ng/g	<0.0011	0.0011	0.0098	N/A	N/A	N/A	6491814
DecaCB-(209)	ng/g	<0.00085	0.00085	0.0098	N/A	N/A	N/A	6491814
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000196	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'55'6-NonaCB-(206)	%	125	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'44'5-HeptaCB-(170)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'455'66'-NonaCB-(208)	%	99	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'66'-OctaCB-(202)	%	90	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'33'55'6-HeptaCB-(178)	%	131 (1)	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'34'566'-HeptaCB-(188)	%	91	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'44'66'-HexaCB-(155)	%	109	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'466'-PentaCB-(104)	%	91	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'66'-TetraCB-(54)	%	97	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'6-TriCB-(19)	%	74	N/A	N/A	N/A	N/A	N/A	6491814
C13-22'-DiCB-(4)	%	75	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'6-OctaCB-(205)	%	101	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'55'-HeptaCB-(189)	%	85	N/A	N/A	N/A	N/A	N/A	6491814
C13-233'44'-PentaCB-(105)	%	84	N/A	N/A	N/A	N/A	N/A	6491814

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(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG648						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-06 +14 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6491814
C13-2344'5-PentaCB-(114)	%	84	N/A	N/A	N/A	N/A	N/A	6491814
C13-23'44'5-PentaCB-(118)	%	89	N/A	N/A	N/A	N/A	N/A	6491814
C13-2'344'5-PentaCB-(123)	%	87	N/A	N/A	N/A	N/A	N/A	6491814
C13-2-MonoCB-(1)	%	57	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'55'-HexaCB-(169)	%	49	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'5-PentaCB-(126)	%	81	N/A	N/A	N/A	N/A	N/A	6491814
C13-33'44'-TetraCB-(77)	%	90	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'5-TetraCB-(81)	%	89	N/A	N/A	N/A	N/A	N/A	6491814
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6491814
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	6491814
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6491814
C13-DecaCB-(209)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6491814
C13-HexaCB-(156)+(157)	%	98	N/A	N/A	N/A	N/A	N/A	6491814

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0082	0.0082	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.0096	0.0096	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0097	0.0097	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	0.0024	0.0011	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00768	0.00071	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00157	0.00079	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	0.00120	0.00075	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00634	0.00073	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	0.0018	0.0012	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	0.0025	0.0014	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0156	0.0011	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0106	0.0011	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0282	0.0012	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	0.0021	0.0011	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0011 (1)	0.0011	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.0042	0.0011	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0322	0.0011	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.00492	0.00096	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0149	0.0010	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	0.0012	0.0011	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.010	0.000100	0.000000120	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.010	0.000300	0.000000360	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0783	0.0013	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0149	0.0011	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0194	0.0011	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	0.0032	0.0013	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0547	0.0011	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0125	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0211	0.0012	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00040	0.00040	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00037	0.00037	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0220	0.00093	0.010	0.0000300	0.000000660	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00610	0.00074	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	0.00183	0.00084	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0310	0.0011	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.0013 (1)	0.0013	0.010	0.0000300	0.0000000390	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0740	0.00095	0.010	0.0000300	0.00000222	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	0.0013	0.0010	0.010	0.0000300	0.0000000390	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.00091	0.00091	0.010	0.100	0.0000910	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0143	0.00096	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.151	0.0011	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0044 (1)	0.0044	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0084	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	0.0037	0.0011	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0206	0.00095	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00254	0.00072	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	<0.0054 (1)	0.0054	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0018 (1)	0.0018	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	<0.0062 (1)	0.0062	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	0.00211	0.00093	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0296	0.0010	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0282 (2)	0.0048	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.200	0.00086	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0077	0.0014	0.020	0.0000300	0.000000231	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.00700	0.00075	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.0039	0.0013	0.010	0.0000300	0.000000117	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.010	0.0300	0.0000420	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	<0.0098 (1)	0.0098	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0038 (1)	0.0038	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	0.0026	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	0.0027	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0078	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00352	0.00090	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0338	0.0013	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0121	0.0015	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0064	0.0064	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0349	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.010	0.0000300	0.0000000660	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	0.0025	0.0014	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	<0.0051 (1)	0.0051	0.020	N/A	N/A	N/A	6437316

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QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	0.0027	0.0018	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	0.0041	0.0020	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000137	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	91	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	90	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	100	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	93	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	95	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	92	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	62	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG651						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-08 + 09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	49	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	53	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	69	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	75	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	71	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.015	0.015	0.0099	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.0099	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	0.0021	0.0014	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	<0.0064 (1)	0.0064	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00075	0.00075	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00147	0.00074	0.0099	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	0.00107	0.00071	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	<0.0056 (1)	0.0056	0.0099	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6437316
344'-TriCB-(37)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0165	0.0013	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0118	0.0013	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0301	0.0014	0.0099	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	0.0014	0.0011	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.0051	0.0012	0.0099	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0383	0.0012	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0046	0.0011	0.0099	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0179	0.0011	0.0099	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	0.0014	0.0011	0.0099	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.00097	0.00097	0.0099	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0013	0.0013	0.0099	0.000100	0.000000130	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0099	0.000300	0.000000390	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.122	0.0017	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0211	0.0014	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0212	0.0015	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	0.0023	0.0017	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0586	0.0015	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0150	0.0017	0.0099	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017	0.0017	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0179	0.0016	0.0099	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.0099	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0370	0.0013	0.0099	0.0000300	0.00000111	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.0079	0.0010	0.0099	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	0.0018	0.0012	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0339	0.0014	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	0.0027	0.0013	0.0099	0.0000300	0.0000000810	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.119	0.0013	0.0099	0.0000300	0.00000357	N/A	6437316
23'455'-PentaCB-(120)	ng/g	0.0014	0.0012	0.0099	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0016 (1)	0.0016	0.0099	0.0000300	0.0000000480	N/A	6437316

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0262	0.0013	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.281	0.0014	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	0.0048	0.0016	0.0099	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	<0.0067 (1)	0.0067	0.0099	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	0.0070	0.0015	0.0099	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0266	0.0011	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00233	0.00085	0.0099	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	0.0028	0.0014	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	<0.0094 (1)	0.0094	0.0099	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	0.0019	0.0011	0.0099	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0387	0.0013	0.0099	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0245 (2)	0.0026	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.403	0.0011	0.0099	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	0.00480	0.00096	0.0099	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	0.00141	0.00090	0.0099	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0144	0.0013	0.020	0.0000300	0.000000432	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0131	0.00099	0.0099	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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N/A = Not Applicable

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.0069	0.0013	0.0099	0.0000300	0.000000207	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0213	0.0013	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	0.0085	0.0017	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	0.0053	0.0017	0.0099	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	0.0021	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00096	0.00096	0.0099	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	0.0037	0.0016	0.0099	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	<0.014 (1)	0.014	0.0099	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00358	0.00094	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0743	0.0013	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0252	0.0015	0.0099	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0062	0.0062	0.0099	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00098	0.00098	0.0099	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0595	0.0012	0.0099	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0010	0.0010	0.0099	0.0000300	0.0000000300	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	0.0066	0.0019	0.0099	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	0.0028	0.0019	0.0099	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	0.0048	0.0023	0.0099	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	<0.0093 (1)	0.0093	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	<0.0051 (1)	0.0051	0.0099	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0072 (1)	0.0072	0.0099	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.0099	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0036	0.0036	0.0099	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0099	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0029	0.0029	0.0099	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000165	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	57	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	64	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	43	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	61	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	62	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG653						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-11+16	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	60	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	62	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	29	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	51	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	60	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	62	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	60	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	53	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	40	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	62	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.046	0.046	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.043	0.043	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.045	0.045	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.16	0.16	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.030	0.030	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.024	0.024	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.13	0.13	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.024	0.024	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.025	0.025	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.034	0.034	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0053	0.0053	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0037	0.0037	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00657	0.00098	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.0015	0.0011	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.0011 (1)	0.0011	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.0053	0.0010	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6437316
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0123	0.0014	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0081	0.0013	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0223	0.0015	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	0.0022	0.0013	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0011	0.0011	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.0046	0.0013	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0347	0.0013	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	0.0013	0.0012	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0047	0.0012	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0158	0.0012	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.0017 (1)	0.0017	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0014	0.0014	0.010	0.000100	0.000000140	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.010	0.000300	0.000000420	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0756	0.0013	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0015 (1)	0.0015	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0138	0.0010	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0166	0.0011	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0470	0.0011	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0121	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0134	0.0012	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0272	0.00076	0.010	0.0000300	0.000000816	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00630	0.00060	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00069	0.00069	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0300	0.0010	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	0.00222	0.00076	0.010	0.0000300	0.0000000666	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0872	0.00077	0.010	0.0000300	0.00000262	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0012 (1)	0.0012	0.010	0.0000300	0.0000000360	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00074	0.00074	0.010	0.100	0.0000740	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0164	0.0013	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.165	0.0015	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	0.0029	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0034	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0028 (1)	0.0028	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0216	0.0014	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	<0.0023 (1)	0.0023	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	<0.0053 (1)	0.0053	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	0.0020	0.0015	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0068	0.0015	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0239	0.0014	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0189	0.0018	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.226	0.0012	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	0.0031	0.0012	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0103	0.00093	0.020	0.0000300	0.000000309	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0079	0.0010	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.00444	0.00089	0.010	0.0000300	0.000000133	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.00093	0.00093	0.010	0.0300	0.0000279	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0121	0.0019	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	0.0043	0.0024	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	0.0030	0.0025	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0072	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00434	0.00084	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0420	0.0019	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0127	0.0022	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0090	0.0090	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0280	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	0.0060	0.0022	0.020	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	0.0031	0.0018	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	0.0047	0.0020	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0042	0.0042	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000106	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	52	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	83	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	63	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	43	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	56	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	12 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	60	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	61	N/A	N/A	N/A	N/A	N/A	6437316

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N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-23'44'5-PentaCB-(118)	%	62	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	60	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	1.0 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	55	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	59	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	66	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	63	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	62	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	94	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	8.0 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	66	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.0099	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.0074	0.0074	0.0099	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0063	0.0063	0.0099	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0043	0.0043	0.0099	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0051	0.0051	0.0099	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.0061	0.0061	0.0099	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0051	0.0051	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0052	0.0052	0.0099	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	0.0017	0.0011	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00575	0.00048	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00054	0.00054	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00106	0.00053	0.0099	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00051	0.00051	0.0099	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	0.00106	0.00051	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00451	0.00049	0.0099	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.00089	0.00089	0.0099	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00052	0.00052	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00043	0.00043	0.0099	N/A	N/A	N/A	6437316
344'-TriCB-(37)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00049	0.00049	0.0099	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00048	0.00048	0.0099	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0019	0.0019	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0022	0.0022	0.0099	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0099	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0104	0.0018	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0065	0.0018	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0186	0.0020	0.0099	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.00085	0.00085	0.0099	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.0016 (1)	0.0016	0.0099	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	<0.0032 (1)	0.0032	0.0099	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0301	0.00082	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0034	0.0016	0.0099	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0127	0.00077	0.0099	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	0.00122	0.00080	0.0099	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.00092	0.00092	0.0099	0.000100	0.0000000920	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45-TetraCB-(78)	ng/g	<0.00080	0.00080	0.0099	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.00092	0.00092	0.0099	0.000300	0.000000276	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.00072	0.00072	0.0099	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0703	0.00065	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0125	0.00053	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0141	0.00057	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.00064	0.00064	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0412	0.00056	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0108	0.00065	0.0099	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00065	0.00065	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0122	0.00062	0.0099	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00032	0.00032	0.0099	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.00057	0.00057	0.0099	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00030	0.00030	0.0099	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0244	0.00071	0.0099	0.0000300	0.000000732	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00537	0.00057	0.0099	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.0016 (1)	0.0016	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0284	0.00053	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	0.00158	0.00072	0.0099	0.0000300	0.0000000474	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0780	0.00073	0.0099	0.0000300	0.00000234	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00046	0.00046	0.0099	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'-PentaCB-(122)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	0.00136	0.00077	0.0099	0.0000300	0.0000000408	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.00069	0.00069	0.0099	0.100	0.0000690	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0171	0.0014	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.153	0.0015	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	0.0022	0.0018	0.0099	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0042	0.0017	0.0099	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	0.0038	0.0016	0.0099	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0207	0.0011	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00291	0.00082	0.0099	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0081	0.0021	0.0099	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0018 (1)	0.0018	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0069	0.0015	0.0099	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0210	0.0015	0.0099	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0162	0.00068	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.213	0.0012	0.0099	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0028 (1)	0.0028	0.0099	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0092	0.0011	0.020	0.0000300	0.000000276	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0084	0.0011	0.0099	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0012 (1)	0.0012	0.0099	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	<0.0041 (1)	0.0041	0.0099	0.0000300	0.000000123	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0116	0.0015	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	0.0044	0.0019	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	0.0031	0.0020	0.0099	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0079	0.0012	0.0099	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00456	0.00087	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0389	0.0015	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0135	0.0017	0.0099	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0071	0.0071	0.0099	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00090	0.00090	0.0099	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0265	0.0011	0.0099	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035 (1)	0.0035	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0099	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	0.0051	0.0020	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	<0.0024 (1)	0.0024	0.0099	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0034 (1)	0.0034	0.0099	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0030	0.0030	0.0099	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.0099	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.0099	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000106	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	96	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	90	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	104	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	99	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	90	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	84	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	72	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG659						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-12+21 Lab-Dup	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	75	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	75	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	43	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	58	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	81	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	57	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	73	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.0088	0.0088	0.0099	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0060	0.0060	0.0099	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0041	0.0041	0.0099	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.0099	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.0072	0.0072	0.0099	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0048	0.0048	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0049	0.0049	0.0099	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.0067	0.0067	0.0099	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0019	0.0019	0.0099	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0099	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	0.0015	0.0013	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00486	0.00072	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00109	0.00080	0.0099	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00077	0.00077	0.0099	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.00077	0.00077	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00409	0.00074	0.0099	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00079	0.00079	0.0099	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00065	0.00065	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0011	0.0011	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.00845	0.00099	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.00664	0.00096	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0174	0.0011	0.0099	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.00086	0.00086	0.0099	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	0.00228	0.00087	0.0099	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00082	0.00082	0.0099	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.00080	0.00080	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.00305	0.00085	0.0099	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0225	0.00084	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00078	0.00078	0.0099	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.00313	0.00086	0.0099	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.00988	0.00078	0.0099	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00074	0.00074	0.0099	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	0.00089	0.00081	0.0099	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00084	0.00084	0.0099	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.00093	0.00093	0.0099	0.000100	0.0000000930	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00081	0.00081	0.0099	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00069	0.00069	0.0099	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00071	0.00071	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.00093	0.00093	0.0099	0.000300	0.000000279	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0438	0.00095	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	0.0015	0.0010	0.0099	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.00764	0.00077	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0117	0.00083	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0013 (1)	0.0013	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0319	0.00081	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.00688	0.00095	0.0099	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00094	0.00094	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0116	0.00091	0.0099	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00054	0.00054	0.0099	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0157	0.00056	0.0099	0.0000300	0.000000471	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00369	0.00045	0.0099	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	0.00143	0.00051	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0210	0.00077	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	0.00151	0.00057	0.0099	0.0000300	0.0000000453	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0499	0.00057	0.0099	0.0000300	0.00000150	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00066	0.00066	0.0099	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00068	0.00068	0.0099	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00055	0.00055	0.0099	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.00061	0.00061	0.0099	0.0000300	0.0000000183	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.00055	0.00055	0.0099	0.100	0.0000550	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00047	0.00047	0.0099	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0101	0.0011	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.0970	0.0012	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0022 (1)	0.0022	0.0099	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0044	0.0014	0.0099	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0021 (1)	0.0021	0.0099	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0123	0.00083	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00155	0.00064	0.0099	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0048	0.0016	0.0099	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	0.0013	0.0012	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	<0.0053 (1)	0.0053	0.0099	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	0.00133	0.00082	0.0099	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0145	0.0012	0.0099	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0142 (2)	0.0013	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.00083	0.00083	0.0099	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00060	0.00060	0.0099	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00064	0.00064	0.0099	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.125	0.00099	0.0099	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0013 (1)	0.0013	0.0099	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00067	0.00067	0.0099	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0066	0.0012	0.020	0.0000300	0.000000198	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.00495	0.00086	0.0099	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.00093	0.00093	0.0099	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6437316

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(2) ** Result taken from M1191208A run **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	<0.0022 (1)	0.0022	0.0099	0.0000300	0.0000000660	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.0099	0.0300	0.0000360	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	<0.0077 (1)	0.0077	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0032 (2)	0.0032	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	0.0019	0.0013	0.0099	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0015 (1)	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00056	0.00056	0.0099	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	0.0016	0.0012	0.0099	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.00455	0.00078	0.0099	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00242	0.00056	0.0099	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0255	0.00098	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0012	0.0012	0.0099	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.00073	0.00073	0.0099	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0081	0.0011	0.0099	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00053	0.00053	0.0099	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0046	0.0046	0.0099	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00058	0.00058	0.0099	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0202	0.00069	0.0099	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.00070	0.00070	0.0099	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.00099	0.00099	0.0099	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.00094	0.00094	0.0099	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017 (1)	0.0017	0.0099	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0013	0.0013	0.0099	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	0.0020	0.0015	0.0099	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.00088	0.00088	0.0099	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	0.0038	0.0015	0.020	N/A	N/A	N/A	6437316

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4566'-OctaCB-(200)	ng/g	<0.0014	0.0014	0.0099	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	0.0018	0.0013	0.0099	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0011	0.0011	0.0099	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0010	0.0010	0.0099	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.0099	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.0099	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.0099	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0025	0.0025	0.0099	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.0000937	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	91	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	99	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	109	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	105	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	106	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	58	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	81	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	102	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	81	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	81	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG661						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-13+23	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	45	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	61	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	56	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	77	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.0067	0.0067	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0062	0.0062	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0043	0.0043	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0050	0.0050	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.0055	0.0055	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0050	0.0050	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0051	0.0051	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.0070	0.0070	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	<0.0021 (1)	0.0021	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00066	0.00066	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	<0.00065	0.00065	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.00062	0.00062	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00064	0.00064	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6437316

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6437316
344'-TriCB-(37)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0010	0.0010	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.00510	0.00096	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.00356	0.00092	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.00099	0.00099	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0104	0.0010	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.0011 (1)	0.0011	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.00077	0.00077	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.00163	0.00082	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0133	0.00081	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.00581	0.00076	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.00091	0.00091	0.010	0.000100	0.0000000910	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.00090	0.00090	0.010	0.000300	0.000000270	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0286	0.00076	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	0.00141	0.00083	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.00498	0.00061	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00827	0.00066	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0011 (1)	0.0011	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0220	0.00065	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.00549	0.00076	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00075	0.00075	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.00794	0.00072	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00025	0.00025	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00023	0.00023	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0108	0.00089	0.010	0.0000300	0.000000324	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00267	0.00071	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00082 (1)	0.00082	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0151	0.00062	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.00090	0.00090	0.010	0.0000300	0.0000000270	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0324	0.00091	0.010	0.0000300	0.000000972	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.00097	0.00097	0.010	0.0000300	0.0000000291	N/A	6437316

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00087	0.00087	0.010	0.100	0.0000870	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0045	0.0016	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.0628	0.0018	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0034	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0021	0.0021	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.00887	0.00097	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00156	0.00074	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0043	0.0024	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0038	0.0018	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0112	0.0017	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	<0.0029 (1)	0.0029	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.0870	0.0015	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.00401	0.00083	0.020	0.0000300	0.000000120	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	<0.0030 (2)	0.0030	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316

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(1) ** Result taken from M1191208A run **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.00201	0.00079	0.010	0.0000300	0.0000000603	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.00082	0.00082	0.010	0.0300	0.0000246	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0055	0.0015	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.00355	0.00074	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00237	0.00053	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0170	0.0016	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.00069	0.00069	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0051	0.0018	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0075	0.0075	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0145	0.00066	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0019	0.0019	0.010	0.0000300	0.0000000570	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'66'OctaCB-(197)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	0.0028	0.0014	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	0.0014	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	0.0016	0.0013	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000114	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	115	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	122	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	112	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	132	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	111	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	127	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	108	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	113	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	107	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	101	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	84	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	103	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	109	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	92	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	112	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG670						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-17+25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2344'5-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	96	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	93	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	54	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	102	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	97	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	98	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	113	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	0.0022	0.0012	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0040	0.0040	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00380	0.00058	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00060	0.00060	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00082	0.00060	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	0.00072	0.00058	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00296	0.00057	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0023	0.0023	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0078	0.0022	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0045	0.0021	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0127	0.0021	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0017	0.0017	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	<0.0016 (1)	0.0016	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0131	0.00097	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0023	0.0019	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.00636	0.00089	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.010	0.000100	0.000000110	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0254	0.0015	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	<0.0038 (1)	0.0038	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0092	0.0013	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0248	0.0013	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	<0.0050 (1)	0.0050	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	<0.0096 (1)	0.0096	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00053	0.00053	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.00916	0.00095	0.010	0.0000300	0.000000275	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00194	0.00073	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00086	0.00086	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0158	0.0012	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.00095	0.00095	0.010	0.0000300	0.0000000285	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0281	0.00097	0.010	0.0000300	0.000000843	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.00092	0.00092	0.010	0.100	0.0000920	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.0542	0.0016	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	0.0025	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0036	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0096	0.0011	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0044	0.0018	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	<0.0026 (1)	0.0026	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0099	0.0014	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0157	0.0017	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.0645	0.0012	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0037	0.0010	0.020	0.0000300	0.000000111	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0023	0.0011	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	<0.0013 (1)	0.0013	0.010	0.0000300	0.0000000390	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.010	0.0300	0.0000300	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0038	0.0014	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00171	0.00081	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0125	0.0015	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0038	0.0014	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0121	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.010	0.0000300	0.0000000390	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	0.0025	0.0016	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'66'-OctaCB-(201)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	0.0021	0.0015	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000124	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	84	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	97	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	99	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	93	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	91	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	83	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	64	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	93	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	75	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	76	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG671						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-18	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2-MonoCB-(1)	%	45	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	69	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	54	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	78	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.021	0.021	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0099	0.0099	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00453	0.00091	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00094	0.00094	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.00108	0.00094	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.00092	0.00092	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00322	0.00090	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0013	0.0013	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0091	0.0012	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0058	0.0011	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0156	0.0011	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.00093	0.00093	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.00361	0.00095	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0251	0.00095	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0032	0.0010	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0119	0.00087	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0011	0.0011	0.010	0.000100	0.000000110	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0627	0.0016	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0120	0.0013	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0135	0.0014	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0432	0.0014	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0102	0.0016	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0123	0.0015	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00052	0.00052	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0227	0.0013	0.010	0.0000300	0.000000681	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.0047	0.0010	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	0.0017	0.0012	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0269	0.0013	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	0.0017	0.0013	0.010	0.0000300	0.0000000510	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0738	0.0014	0.010	0.0000300	0.00000221	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0015	0.0015	0.010	0.0000300	0.0000000450	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0138	0.0018	0.020	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.142	0.0020	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0024 (1)	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0046	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0034 (1)	0.0034	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0188	0.00087	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.00159	0.00066	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0063	0.0023	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0083	0.0021	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0221	0.0018	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0166	0.0022	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.183	0.0016	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0020 (1)	0.0020	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00068	0.00068	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0074	0.0011	0.020	0.0000300	0.000000222	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0068	0.0014	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	0.0017	0.0015	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.0034	0.0011	0.010	0.0000300	0.000000102	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.00992	0.00090	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0024 (1)	0.0024	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0022 (1)	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0067	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00309	0.00091	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0285	0.00094	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.00926	0.00087	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0261	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0027 (1)	0.0027	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	<0.0049 (1)	0.0049	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	0.0024	0.0016	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	<0.0030 (1)	0.0030	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000167	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	84	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	69	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	69	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	55	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	66	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	41	N/A	N/A	N/A	N/A	N/A	6437316

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG674						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-22	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	50	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	67	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	58	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	48	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	72	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	67	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00066	0.00066	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.022	0.022	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.014	0.014	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00358	0.00072	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00074	0.00074	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00072	0.00072	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.00072	0.00072	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00284	0.00071	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00073	0.00073	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00063	0.00063	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00067	0.00067	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0016	0.0016	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0068	0.0015	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	0.0041	0.0014	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0015	0.0015	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0112	0.0014	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.0027	0.0015	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0158	0.0015	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0021	0.0013	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0071	0.0013	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0016	0.0016	0.010	0.000100	0.000000160	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0345	0.0011	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.00682	0.00090	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00777	0.00097	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0233	0.00097	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0062	0.0011	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0011	0.0011	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	<0.0073 (1)	0.0073	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0137	0.0011	0.010	0.0000300	0.000000411	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00181	0.00085	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00099	0.00099	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0157	0.00091	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00080	0.00080	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0407	0.0011	0.010	0.0000300	0.00000122	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.010	0.100	0.000110	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00093	0.00093	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(128)+(166)	ng/g	0.0091	0.0017	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.0787	0.0019	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0026	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0022	0.0022	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0100	0.0011	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	<0.0031 (1)	0.0031	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0018	0.0018	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0042	0.0019	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0095	0.0017	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0075	0.0020	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.107	0.0015	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0012 (1)	0.0012	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.00448	0.00092	0.020	0.0000300	0.000000134	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.0040	0.0013	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'44'55'-HexaCB-(167)	ng/g	<0.0020 (1)	0.0020	0.010	0.0000300	0.0000000600	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.00091	0.00091	0.010	0.0300	0.0000273	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	0.0074	0.0017	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0023	0.0023	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0043	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00146	0.00083	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0205	0.0018	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0062	0.0017	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0124	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0039	0.0039	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0046	0.0046	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	<0.0039	0.0039	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0037	0.0037	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0029	0.0029	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000140	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	90	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	94	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	102	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	99	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	81	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	88	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	70	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	59	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	82	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	94	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	74	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	86	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	72	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	73	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	47	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG686						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	59	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	75	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	65	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	52	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	74	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.017	0.017	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0098	0.0098	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.013	0.013	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.010	0.010	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0017 (1)	0.0017	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.0055	0.0010	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	0.0012	0.0011	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.0043	0.0010	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'5-TriCB-(36)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00095	0.00095	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	0.0116	0.0019	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0079 (1)	0.0079	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0197	0.0018	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	0.00183	0.00093	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	0.00369	0.00090	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0282	0.00090	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0036	0.0016	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	0.0124	0.00082	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00090	0.00090	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.0010	0.0010	0.010	0.000100	0.000000100	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00089	0.00089	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'45'-TetraCB(79)	ng/g	<0.00076	0.00076	0.010	N/A	N/A	N/A	6437316
33'55'-TetraCB-(80)	ng/g	<0.00077	0.00077	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.0010	0.0010	0.010	0.000300	0.000000300	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0586	0.0012	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0013 (1)	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.0123	0.00095	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.014 (1)	0.014	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	0.0021	0.0012	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.0438	0.0010	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	0.0104	0.0012	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0139	0.0012	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00054	0.00054	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0206	0.00084	0.010	0.0000300	0.000000618	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00075	0.00075	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00430	0.00065	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00076	0.00076	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.0234	0.00097	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.00084	0.00084	0.010	0.0000300	0.0000000252	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0612	0.00085	0.010	0.0000300	0.00000184	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00083	0.00083	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.00091	0.00091	0.010	0.0000300	0.0000000273	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'44'5-PentaCB-(126)	ng/g	<0.00082	0.00082	0.010	0.100	0.0000820	N/A	6437316
33'455'-PentaCB-(127)	ng/g	<0.00071	0.00071	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0122	0.0011	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.127	0.0012	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	0.0028	0.0014	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	0.0050	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	0.0032	0.0012	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	0.0158	0.0013	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	0.0015	0.0010	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	0.0067	0.0014	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0012	0.0012	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	0.0058	0.0012	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0191	0.0011	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0173	0.0013	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.154	0.00096	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.0018 (1)	0.0018	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0070	0.0011	0.020	0.0000300	0.000000210	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	0.00657	0.00085	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.00096	0.00096	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'4'5'6-HexaCB-(164)	ng/g	<0.00089 (1)	0.00089	0.010	N/A	N/A	N/A	6437316
233'55'6-HexaCB-(165)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	0.0036	0.0011	0.010	0.0000300	0.000000108	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	<0.0088 (2)	0.0088	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0030 (1)	0.0030	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	0.0024	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	0.0025	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	0.0072	0.0012	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	0.00263	0.00083	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0269	0.0015	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	0.0073	0.0014	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.00087	0.00087	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0234	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	0.0035	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0035	0.0035	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0041	0.0041	0.010	N/A	N/A	N/A	6437316

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(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
OctaCB-(198)+(199)	ng/g	0.0048	0.0035	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.010	N/A	N/A	N/A	6437316
22'33'55'66'-OctaCB-(202)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0033	0.0033	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0028	0.0028	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000118	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	137	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	153 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	142 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	161 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	138 (2)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	156 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	130	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	142 (2)	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	131	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	126	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	105	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	137	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	147 (2)	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	130	N/A	N/A	N/A	N/A	N/A	6437316

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(1) Recovery outside method acceptance criteria due to matrix effects

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG689						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-26 +27	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-233'55'-PentaCB-(111)	%	136 (1)	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	126	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	121	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	129	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	127	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'55'-HexaCB-(169)	%	101	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	126	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	130	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	124	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	123	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	108	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	129	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	128	N/A	N/A	N/A	N/A	N/A	6437316

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6437316
3-MonoCB-(2)	ng/g	<0.00055	0.00055	0.010	N/A	N/A	N/A	6437316
4-MonoCB-(3)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
22'-DiCB-(4)	ng/g	<0.015	0.015	0.010	N/A	N/A	N/A	6437316
2,3-DiCB-(5)	ng/g	<0.0092	0.0092	0.010	N/A	N/A	N/A	6437316
2,3'-DiCB-(6)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6437316
2,4-DiCB-(7)	ng/g	<0.0077	0.0077	0.010	N/A	N/A	N/A	6437316
2,4'-DiCB-(8)	ng/g	<0.0074	0.0074	0.010	N/A	N/A	N/A	6437316
2,5-DiCB-(9)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6437316
2,6-DiCB-(10)	ng/g	<0.012	0.012	0.010	N/A	N/A	N/A	6437316
3,3'-DiCB-(11)	ng/g	<0.0080	0.0080	0.010	N/A	N/A	N/A	6437316
DiCB-(12)+(13)	ng/g	<0.0079	0.0079	0.020	N/A	N/A	N/A	6437316
3,5-DiCB-(14)	ng/g	<0.0078	0.0078	0.010	N/A	N/A	N/A	6437316
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.010	N/A	N/A	N/A	6437316
22'3-TriCB-(16)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
TriCB-(18)+(30)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010	N/A	N/A	N/A	6437316
TriCB-(20) + (28)	ng/g	0.00201	0.00079	0.020	N/A	N/A	N/A	6437316
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.020	N/A	N/A	N/A	6437316
234'-TriCB-(22)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
235-TriCB-(23)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
23'4-TriCB-(25)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
TriCB-(26)+(29)	ng/g	<0.00080	0.00080	0.020	N/A	N/A	N/A	6437316
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
24'5-TriCB-(31)	ng/g	0.00174	0.00078	0.010	N/A	N/A	N/A	6437316
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
23'5'-TriCB-(34)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
33'4-TriCB-(35)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
33'5-TriCB-(36)	ng/g	<0.00070	0.00070	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.010	N/A	N/A	N/A	6437316
34'5-TriCB-(39)	ng/g	<0.00074	0.00074	0.010	N/A	N/A	N/A	6437316
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.030	N/A	N/A	N/A	6437316
22'34'-TetraCB-(42)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
TetraCB-(44)+(47)+(65)	ng/g	<0.0028 (1)	0.0028	0.030	N/A	N/A	N/A	6437316
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.020	N/A	N/A	N/A	6437316
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0016 (1)	0.0016	0.020	N/A	N/A	N/A	6437316
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020	N/A	N/A	N/A	6437316
22'55'-TetraCB-(52)	ng/g	0.0069	0.0012	0.010	N/A	N/A	N/A	6437316
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
233'4-TetraCB-(55)	ng/g	<0.00062	0.00062	0.010	N/A	N/A	N/A	6437316
233'4'-Tetra CB(56)	ng/g	<0.00060	0.00060	0.010	N/A	N/A	N/A	6437316
233'5-TetraCB-(57)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
233'5'-TetraCB-(58)	ng/g	<0.00061	0.00061	0.010	N/A	N/A	N/A	6437316
TetraCB-(59)+(62)+(75)	ng/g	<0.0010	0.0010	0.030	N/A	N/A	N/A	6437316
2344'-TetraCB -(60)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00669	0.00058	0.040	N/A	N/A	N/A	6437316
234'5-TetraCB-(63)	ng/g	<0.00056	0.00056	0.010	N/A	N/A	N/A	6437316
234'6-TetraCB-(64)	ng/g	0.0014	0.0011	0.010	N/A	N/A	N/A	6437316
23'44'-TetraCB-(66)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6437316
23'45-TetraCB-(67)	ng/g	<0.00051	0.00051	0.010	N/A	N/A	N/A	6437316
23'45'-TetraCB-(68)	ng/g	<0.00057	0.00057	0.010	N/A	N/A	N/A	6437316
23'55'-TetraCB-(72)	ng/g	<0.00059	0.00059	0.010	N/A	N/A	N/A	6437316
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
33'44'-TetraCB-(77)	ng/g	<0.00066	0.00066	0.010	0.000100	0.0000000660	N/A	6437316
33'45-TetraCB-(78)	ng/g	<0.00058	0.00058	0.010	N/A	N/A	N/A	6437316
33'45'-TetraCB(79)	ng/g	<0.00049	0.00049	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'55'-TetraCB-(80)	ng/g	<0.00050	0.00050	0.010	N/A	N/A	N/A	6437316
344'5-TetraCB-(81)	ng/g	<0.00066	0.00066	0.010	0.000300	0.000000198	N/A	6437316
22'33'4-PentaCB-(82)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(83)+(99)	ng/g	0.0133	0.0012	0.020	N/A	N/A	N/A	6437316
22'33'6-PentaCB-(84)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
PentaCB-(85)+(116)+(117)	ng/g	0.00197	0.00092	0.030	N/A	N/A	N/A	6437316
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0035	0.0010	0.060	N/A	N/A	N/A	6437316
PentaCB-(88)+(91)	ng/g	<0.0011	0.0011	0.020	N/A	N/A	N/A	6437316
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
PentaCB-(90)+(101)+(113)	ng/g	0.00969	0.00099	0.030	N/A	N/A	N/A	6437316
22'355'-PentaCB-(92)	ng/g	<0.0025 (1)	0.0025	0.010	N/A	N/A	N/A	6437316
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040	N/A	N/A	N/A	6437316
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
22'35'6-PentaCB-(95)	ng/g	0.0048	0.0011	0.010	N/A	N/A	N/A	6437316
22'366'-PentaCB-(96)	ng/g	<0.00047	0.00047	0.010	N/A	N/A	N/A	6437316
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.010	N/A	N/A	N/A	6437316
233'44'-PentaCB-(105)	ng/g	0.0045	0.0010	0.010	0.0000300	0.000000135	N/A	6437316
233'45-PentaCB-(106)	ng/g	<0.00092	0.00092	0.010	N/A	N/A	N/A	6437316
233'4'5-PentaCB-(107)	ng/g	0.00153	0.00080	0.010	N/A	N/A	N/A	6437316
PentaCB-(108)+(124)	ng/g	<0.00093	0.00093	0.020	N/A	N/A	N/A	6437316
PentaCB-(110)+(115)	ng/g	0.00753	0.00094	0.020	N/A	N/A	N/A	6437316
233'55'-PentaCB-(111)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
233'56-PentaCB-(112)	ng/g	<0.00082	0.00082	0.010	N/A	N/A	N/A	6437316
2344'5-PentaCB-(114)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6437316
23'44'5-PentaCB-(118)	ng/g	0.0145	0.0010	0.010	0.0000300	0.000000435	N/A	6437316
23'455'-PentaCB-(120)	ng/g	<0.00081	0.00081	0.010	N/A	N/A	N/A	6437316
23'45'6-PentaCB-(121)	ng/g	<0.00084	0.00084	0.010	N/A	N/A	N/A	6437316
233'4'5'-PentaCB-(122)	ng/g	<0.00099	0.00099	0.010	N/A	N/A	N/A	6437316
23'44'5'-PentaCB-(123)	ng/g	<0.0011	0.0011	0.010	0.0000300	0.0000000330	N/A	6437316
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.010	0.100	0.000100	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6437316
HexaCB-(128)+(166)	ng/g	0.0023	0.0015	0.020	N/A	N/A	N/A	6437316
HexaCB-(129)+(138)+(163)	ng/g	0.0247	0.0017	0.030	N/A	N/A	N/A	6437316
22'33'45'-HexaCB-(130)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'46-HexaCB-(131)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
22'33'46'-HexaCB-(132)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'55'-HexaCB-(133)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
HexaCB-(134)+(143)	ng/g	<0.0020	0.0020	0.020	N/A	N/A	N/A	6437316
HexaCB-(135)+(151)	ng/g	<0.0041 (1)	0.0041	0.020	N/A	N/A	N/A	6437316
22'33'66'-HexaCB-(136)	ng/g	<0.00085	0.00085	0.010	N/A	N/A	N/A	6437316
22'344'5-HexaCB-(137)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
HexaCB-(139)+(140)	ng/g	<0.0016	0.0016	0.020	N/A	N/A	N/A	6437316
22'3455'-HexaCB-(141)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'345'6-HexaCB-(144)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'3466'-HexaCB-(145)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6437316
22'34'55'-HexaCB-(146)	ng/g	0.0042	0.0015	0.010	N/A	N/A	N/A	6437316
HexaCB-(147)+(149)	ng/g	0.0059	0.0018	0.020	N/A	N/A	N/A	6437316
22'34'56'-HexaCB-(148)	ng/g	<0.0011	0.0011	0.010	N/A	N/A	N/A	6437316
22'34'66'-HexaCB-(150)	ng/g	<0.00079	0.00079	0.010	N/A	N/A	N/A	6437316
22'3566'-HexaCB-(152)	ng/g	<0.00086	0.00086	0.010	N/A	N/A	N/A	6437316
HexaCB-(153)+(168)	ng/g	0.0301	0.0013	0.010	N/A	N/A	N/A	6437316
22'44'56'-HexaCB-(154)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6437316
22'44'66'-HexaCB-(155)	ng/g	<0.00088	0.00088	0.010	N/A	N/A	N/A	6437316
HexaCB-(156)+(157)	ng/g	0.0019	0.0011	0.020	0.0000300	0.0000000570	N/A	6437316
233'44'6-HexaCB-(158)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'4'55'-HexaCB-(162)	ng/g	<0.00097	0.00097	0.010	N/A	N/A	N/A	6437316
233'4'5'6-HexaCB-(164)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
23'44'55'-HexaCB-(167)	ng/g	<0.0010	0.0010	0.010	0.0000300	0.0000000300	N/A	6437316
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330	N/A	6437316
22'33'44'5-HeptaCB-(170)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
HeptaCB-(171)+(173)	ng/g	<0.0024	0.0024	0.020	N/A	N/A	N/A	6437316
22'33'455'-HeptaCB-(172)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'456'-HeptaCB-(174)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'45'6-HeptaCB-(175)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'33'466'-HeptaCB-(176)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0024	0.0024	0.010	N/A	N/A	N/A	6437316
22'33'55'6-HeptaCB-(178)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'33'566'-HeptaCB-(179)	ng/g	<0.00098	0.00098	0.010	N/A	N/A	N/A	6437316
HeptaCB-(180)+(193)	ng/g	0.0063	0.0019	0.020	N/A	N/A	N/A	6437316
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
22'344'5'6-HeptaCB-(183)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'344'66'-HeptaCB-(184)	ng/g	<0.00094	0.00094	0.010	N/A	N/A	N/A	6437316
22'3455'6-HeptaCB-(185)	ng/g	<0.0030	0.0030	0.010	N/A	N/A	N/A	6437316
22'34566'-HeptaCB-(186)	ng/g	<0.0010	0.0010	0.010	N/A	N/A	N/A	6437316
22'34'55'6-HeptaCB-(187)	ng/g	0.0060	0.0012	0.010	N/A	N/A	N/A	6437316
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540	N/A	6437316
233'44'56-HeptaCB-(190)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.010	N/A	N/A	N/A	6437316
22'33'44'55'-OctaCB-(194)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.010	N/A	N/A	N/A	6437316
22'33'44'56'-OctaCB-(196)	ng/g	<0.0017	0.0017	0.010	N/A	N/A	N/A	6437316
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.010	N/A	N/A	N/A	6437316
OctaCB-(198)+(199)	ng/g	<0.0017	0.0017	0.020	N/A	N/A	N/A	6437316
22'33'4566'-OctaCB-(200)	ng/g	<0.00091	0.00091	0.010	N/A	N/A	N/A	6437316
22'33'45'66'-OctaCB-(201)	ng/g	<0.0012	0.0012	0.010	N/A	N/A	N/A	6437316

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
N/A = Not Applicable

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'66'-OctaCB-(202)	ng/g	<0.0014	0.0014	0.010	N/A	N/A	N/A	6437316
22'344'55'6-OctaCB-(203)	ng/g	<0.0016	0.0016	0.010	N/A	N/A	N/A	6437316
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.010	N/A	N/A	N/A	6437316
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.010	N/A	N/A	N/A	6437316
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.010	N/A	N/A	N/A	6437316
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.010	N/A	N/A	N/A	6437316
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.010	N/A	N/A	N/A	6437316
DecaCB-(209)	ng/g	<0.0022	0.0022	0.010	N/A	N/A	N/A	6437316
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	0.000134	N/A	N/A
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'55'6-NonaCB-(206)	%	89	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'44'5-HeptaCB-(170)	%	102	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'455'66'-NonaCB-(208)	%	94	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'66'-OctaCB-(202)	%	112	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'33'55'6-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'344'55'-HeptaCB-(180)	%	107	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'34'566'-HeptaCB-(188)	%	90	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'44'66'-HexaCB-(155)	%	101	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'466'-PentaCB-(104)	%	92	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'66'-TetraCB-(54)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'6-TriCB-(19)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-22'-DiCB-(4)	%	61	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'6-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'55'-HeptaCB-(189)	%	95	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'44'-PentaCB-(105)	%	78	N/A	N/A	N/A	N/A	N/A	6437316
C13-233'55'-PentaCB-(111)	%	92	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'55'-HexaCB-(167)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-2344'5-PentaCB-(114)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-23'44'5-PentaCB-(118)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-2'344'5-PentaCB-(123)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-2-MonoCB-(1)	%	46	N/A	N/A	N/A	N/A	N/A	6437316

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		KQG694						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	19B-ARM-SOLE-30	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'5-PentaCB-(126)	%	76	N/A	N/A	N/A	N/A	N/A	6437316
C13-33'44'-TetraCB-(77)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'5-TetraCB-(81)	%	77	N/A	N/A	N/A	N/A	N/A	6437316
C13-344'-TriCB-(37)	%	79	N/A	N/A	N/A	N/A	N/A	6437316
C13-44'-DiCB-(15)	%	71	N/A	N/A	N/A	N/A	N/A	6437316
C13-4-MonoCB-(3)	%	53	N/A	N/A	N/A	N/A	N/A	6437316
C13-DecaCB-(209)	%	85	N/A	N/A	N/A	N/A	N/A	6437316
C13-HexaCB-(156)+(157)	%	80	N/A	N/A	N/A	N/A	N/A	6437316

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
N/A = Not Applicable

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF403
Sample ID: 19B-LNG-CRAB-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF432
Sample ID: 19B-LNG-CRAB-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF439
Sample ID: 19B-LNG-CRAB-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF445
Sample ID: 19B-LNG-CRAB-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF483
Sample ID: 19B-LNG-CRAB-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

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TEST SUMMARY

BV Labs ID: KQF484
Sample ID: 19B-LNG-CRAB-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF520
Sample ID: 19B-LNG-CRAB-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF543
Sample ID: 19B-LNG-CRAB-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/07	Cathy Xu

BV Labs ID: KQF545
Sample ID: 19B-LNG-CRAB-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF548
Sample ID: 19B-LNG-CRAB-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

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TEST SUMMARY

BV Labs ID: KQF549
Sample ID: 19B-LNG-CRAB-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF560
Sample ID: 19B-LNG-CRAB-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF570
Sample ID: 19B-LNG-CRAB-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF573
Sample ID: 19B-LNG-CRAB-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/19	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/11/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF573 Dup
Sample ID: 19B-LNG-CRAB-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic

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TEST SUMMARY

BV Labs ID: KQF581
Sample ID: 19B-LNG-CRAB-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF581 Dup
Sample ID: 19B-LNG-CRAB-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/18	Owen Cosby

BV Labs ID: KQF588
Sample ID: 19B-VIL-CRAB21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF588 Dup
Sample ID: 19B-VIL-CRAB21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF591
Sample ID: 19B-VIL-CRAB-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF594
Sample ID: 19B-VIL-CRAB-28
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF594
Sample ID: 19B-VIL-CRAB-28
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/28	Cathy Xu

BV Labs ID: KQF597
Sample ID: 19B-VIL-CRAB-51
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6446700	2019/11/16	2019/11/16	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic

BV Labs ID: KQF601
Sample ID: 19B-VIL-CRAB-40
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6447761	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6421202	2019/11/01	2019/11/01	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6444496	2019/11/07	2019/12/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6428906	2019/10/30	2019/11/29	Cathy Xu

BV Labs ID: KQF605
Sample ID: 19B-VIL-CRAB-41
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF609
Sample ID: 19B-VIL-CRAB-42
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/12	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF611
Sample ID: 19B-VIL-CRAB-43
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF611
Sample ID: 19B-VIL-CRAB-43
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF619
Sample ID: 19B-VIL-CRAB-44
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF620
Sample ID: 19B-VIL-CRAB-45
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF621
Sample ID: 19B-VIL-CRAB-46
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/29	Branko Vrzic

BV Labs ID: KQF637
Sample ID: 19B-VIL-CRAB-47
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/30	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF639
Sample ID: 19B-VIL-CRAB-48
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/30	Branko Vrzic

BV Labs ID: KQF646
Sample ID: 19B-VIL-CRAB-49
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/30	Branko Vrzic

BV Labs ID: KQF652
Sample ID: 19B-VIL-CRAB-50
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/11/30	Branko Vrzic

BV Labs ID: KQF652 Dup
Sample ID: 19B-VIL-CRAB-50
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/22	Owen Cosby

BV Labs ID: KQF658
Sample ID: 19B-ARM-CRAB-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

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TEST SUMMARY

BV Labs ID: KQF658 Dup
Sample ID: 19B-ARM-CRAB-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF659
Sample ID: 19B-ARM-CRAB-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF660
Sample ID: 19B-ARM-CRAB-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF660 Dup
Sample ID: 19B-ARM-CRAB-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic

BV Labs ID: KQF679
Sample ID: 19B-ARM-CRAB-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF698
Sample ID: 19B-ARM-CRAB-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/10/30	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/13	Branko Vrzic

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TEST SUMMARY

BV Labs ID: KQF698
Sample ID: 19B-ARM-CRAB-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF706
Sample ID: 19B-ARM-CRAB-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/15	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF710
Sample ID: 19B-ARM-CRAB-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF730
Sample ID: 19B-ARM-CRAB-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF731
Sample ID: 19B-ARM-CRAB-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF732
Sample ID: 19B-ARM-CRAB-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6457356	2019/11/17	2019/11/23	Owen Cosby
Percent Lipid Content	M	6422129	2019/11/03	2019/11/03	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6511431	2019/11/09	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6442049	2019/11/01	2019/12/07	Branko Vrzic

BV Labs ID: KQF737
Sample ID: 19B-ARM-CRAB-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQF764
Sample ID: 19B-ARM-CRAB-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2019/12/31	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQF771
Sample ID: 19B-ARM-CRAB-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQF776
Sample ID: 19B-ARM-CRAB-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: KQF777
Sample ID: 19B-ARM-CRAB-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQF777 Dup
Sample ID: 19B-ARM-CRAB-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic

BV Labs ID: KQF778
Sample ID: 19B-LNG-HEP-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF780
Sample ID: 19B-LNG-HEP-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF781
Sample ID: 19B-LNG-HEP-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF783
Sample ID: 19B-LNG-HEP-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF789
Sample ID: 19B-LNG-HEP-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF789 Dup
Sample ID: 19B-LNG-HEP-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF790
Sample ID: 19B-LNG-HEP-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF794
Sample ID: 19B-LNG-HEP-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF801
Sample ID: 19B-LNG-HEP-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF802
Sample ID: 19B-LNG-HEP-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF804
Sample ID: 19B-LNG-HEP-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF807
Sample ID: 19B-LNG-HEP-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF832
Sample ID: 19B-LNG-HEP-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF834
Sample ID: 19B-LNG-HEP-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF838
Sample ID: 19B-LNG-HEP-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

BV Labs ID: KQF839
Sample ID: 19B-LNG-HEP-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6333016	2019/09/14	2019/09/14	Cheryl Clunis
PAHs in Tissue (CARB429mod)	HRMS/MS	6343502	2019/09/10	2019/10/02	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF840
Sample ID: 19B-LNG-HEP-16
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF841
Sample ID: 19B-LNG-HEP-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/16	Nishat Tasnim

BV Labs ID: KQF842
Sample ID: 19B-LNG-HEP-18
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/16	Nishat Tasnim

BV Labs ID: KQF851
Sample ID: 19B-LNG-HEP-19
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/16	Nishat Tasnim

BV Labs ID: KQF861
Sample ID: 19B-LNG-HEP-20
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/17	Nishat Tasnim

BV Labs ID: KQF862
Sample ID: 19B-LNG-HEP-21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/17	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF866
Sample ID: 19B-LNG-HEP-22
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/17	Nishat Tasnim

BV Labs ID: KQF867
Sample ID: 19B-LNG-HEP-23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/17	Nishat Tasnim

BV Labs ID: KQF867 Dup
Sample ID: 19B-LNG-HEP-23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/17	Nishat Tasnim

BV Labs ID: KQF883
Sample ID: 19B-LNG-HEP-24
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF897
Sample ID: 19B-LNG-HEP-25
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF899
Sample ID: 19B-LNG-HEP-26
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: KQF904
Sample ID: 19B-LNG-HEP-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF915
Sample ID: 19B-LNG-HEP-28
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF927
Sample ID: 19B-LNG-HEP-29
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF929
Sample ID: 19B-LNG-HEP-30
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6324944	2019/09/09	2019/09/09	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6335434	2019/09/07	2019/09/20	Nishat Tasnim

BV Labs ID: KQF940
Sample ID: 19B-LNG-HEP-31
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/03	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQF948
Sample ID: 19B-LNG-HEP-32
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6371121	2019/09/13	2019/10/04	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/03	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQF957
Sample ID: 19B-LNG-HEP-33
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQF969
Sample ID: 19B-LNG-HEP-34
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6371121	2019/09/13	2019/10/04	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQF986
Sample ID: 19B-LNG-HEP-35
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG000
Sample ID: 19B-LNG-HEP-36
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG000 Dup
Sample ID: 19B-LNG-HEP-36
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby

BV Labs ID: KQG015
Sample ID: 19B-LNG-HEP-37
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG025
Sample ID: 19B-LNG-HEP-38
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6371121	2019/09/13	2019/10/04	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG036
Sample ID: 19B-LNG-HEP-39
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG037
Sample ID: 19B-LNG-HEP-40
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6371121	2019/09/13	2019/10/04	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG038
Sample ID: 19B-LNG-HEP-41
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG039
Sample ID: 19B-LNG-HEP-42
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG040
Sample ID: 19B-LNG-HEP-43
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6371121	2019/09/13	2019/10/04	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG041
Sample ID: 19B-LNG-HEP-44
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG050
Sample ID: 19B-LNG-HEP-45
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6354007	2019/09/13	2019/10/04	Owen Cosby
Percent Lipid Content	M	6338736	2019/09/18	2019/09/18	Hiral Soni

BV Labs ID: KQG051
Sample ID: 19B-VIL-HEP-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

BV Labs ID: KQG062
Sample ID: 19B-VIL-HEP-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

BV Labs ID: KQG064
Sample ID: 19B-VIL-HEP-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

BV Labs ID: KQG065
Sample ID: 19B-VIL-HEP-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG067
Sample ID: 19B-VIL-HEP-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

BV Labs ID: KQG068
Sample ID: 19B-VIL-HEP-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/11	Branko Vrzic

BV Labs ID: KQG069
Sample ID: 19B-VIL-HEP-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG070
Sample ID: 19B-VIL-HEP-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG071
Sample ID: 19B-VIL-HEP-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG072
Sample ID: 19B-VIL-HEP-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG073
Sample ID: 19B-VIL-HEP-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/15	Branko Vrzic

BV Labs ID: KQG074
Sample ID: 19B-VIL-HEP-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/15	Branko Vrzic

BV Labs ID: KQG081
Sample ID: 19B-VIL-HEP-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG109
Sample ID: 19B-VIL-HEP-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG109 Dup
Sample ID: 19B-VIL-HEP-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/12	Branko Vrzic

BV Labs ID: KQG110
Sample ID: 19B-VIL-HEP-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6372501	2019/10/06	2019/10/06	Angel Guerrero
PAHs in Tissue (CARB429mod)	HRMS/MS	6380277	2019/10/02	2019/10/15	Branko Vrzic

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TEST SUMMARY

BV Labs ID: KQG111
Sample ID: 19B-VIL-HEP-16
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/09/30	Nishat Tasnim

BV Labs ID: KQG113
Sample ID: 19B-VIL-HEP-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/09/30	Nishat Tasnim

BV Labs ID: KQG114
Sample ID: 19B-VIL-HEP-18
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6387256	2019/10/09	2019/10/15	Nishat Tasnim

BV Labs ID: KQG114 Dup
Sample ID: 19B-VIL-HEP-18
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6387256	2019/10/09	2019/10/15	Nishat Tasnim

BV Labs ID: KQG124
Sample ID: 19B-VIL-HEP-19
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG129
Sample ID: 19B-VIL-HEP-20
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG139
Sample ID: 19B-VIL-HEP-21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG142
Sample ID: 19B-VIL-HEP-22
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG144
Sample ID: 19B-VIL-HEP-23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG145
Sample ID: 19B-VIL-HEP-24
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG146
Sample ID: 19B-VIL-HEP-25
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG147
Sample ID: 19B-VIL-HEP-26
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: KQG170
Sample ID: 19B-VIL-HEP-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG180
Sample ID: 19B-VIL-HEP-28
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG193
Sample ID: 19B-VIL-HEP-29
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/01	Nishat Tasnim

BV Labs ID: KQG194
Sample ID: 19B-VIL-HEP-30
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6348380	2019/09/23	2019/09/23	Cheryl Clunis
PCB Congeners in Tissue (1668A)	HRMS/MS	6360913	2019/09/21	2019/10/02	Nishat Tasnim

BV Labs ID: KQG195
Sample ID: 19B-VIL-HEP-31
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/06	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG199
Sample ID: 19B-VIL-HEP-32
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/06	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG200
Sample ID: 19B-VIL-HEP-33
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/24	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG209
Sample ID: 19B-VIL-HEP-34
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/24	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG210
Sample ID: 19B-VIL-HEP-35
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/24	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG213
Sample ID: 19B-VIL-HEP-36
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/24	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG213 Dup
Sample ID: 19B-VIL-HEP-36
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/24	Angel Guerrero

BV Labs ID: KQG216
Sample ID: 19B-VIL-HEP-37
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG218
Sample ID: 19B-VIL-HEP-38
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG227
Sample ID: 19B-VIL-HEP-39
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG228
Sample ID: 19B-VIL-HEP-40
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG229
Sample ID: 19B-VIL-HEP-41
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG230
Sample ID: 19B-VIL-HEP-42
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG231
Sample ID: 19B-VIL-HEP-43
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG232
Sample ID: 19B-VIL-HEP-44
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6414992	2019/09/25	2019/10/31	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG234
Sample ID: 19B-VIL-HEP-45
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6365830	2019/09/26	2019/10/25	Angel Guerrero
Percent Lipid Content	M	6361477	2019/09/30	2019/09/30	Hiral Soni

BV Labs ID: KQG235
Sample ID: 19B-ARM-HEP-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG240
Sample ID: 19B-ARM-HEP-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG241
Sample ID: 19B-ARM-HEP-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG242
Sample ID: 19B-ARM-HEP-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

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TEST SUMMARY

BV Labs ID: KQG250
Sample ID: 19B-ARM-HEP-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG256
Sample ID: 19B-ARM-HEP-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG257
Sample ID: 19B-ARM-HEP-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG258
Sample ID: 19B-ARM-HEP-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG261
Sample ID: 19B-ARM-HEP-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

BV Labs ID: KQG262
Sample ID: 19B-ARM-HEP-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/10/31	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG262 Dup
Sample ID: 19B-ARM-HEP-10
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

BV Labs ID: KQG263
Sample ID: 19B-ARM-HEP-11
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

BV Labs ID: KQG264
Sample ID: 19B-ARM-HEP-12
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

BV Labs ID: KQG265
Sample ID: 19B-ARM-HEP-13
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

BV Labs ID: KQG268
Sample ID: 19B-ARM-HEP-14
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

BV Labs ID: KQG269
Sample ID: 19B-ARM-HEP-15
Matrix: Tissue
Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6394026	2019/10/18	2019/10/18	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6404691	2019/10/13	2019/11/01	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG270
Sample ID: 19B-ARM-HEP-16
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/10/29	Nishat Tasnim

BV Labs ID: KQG271
Sample ID: 19B-ARM-HEP-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/10/29	Nishat Tasnim

BV Labs ID: KQG271 Dup
Sample ID: 19B-ARM-HEP-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/28	2019/10/29	Nishat Tasnim

BV Labs ID: KQG273
Sample ID: 19B-ARM-HEP-18
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/10/29	Nishat Tasnim

BV Labs ID: KQG274
Sample ID: 19B-ARM-HEP-19
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/10/29	Nishat Tasnim

BV Labs ID: KQG284
Sample ID: 19B-ARM-HEP-20
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/10/29	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG285
Sample ID: 19B-ARM-HEP-21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6437774	2019/11/12	2019/12/13	Nishat Tasnim

BV Labs ID: KQG286
Sample ID: 19B-ARM-HEP-22
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/01	Nishat Tasnim

BV Labs ID: KQG290
Sample ID: 19B-ARM-HEP-23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/02	Nishat Tasnim

BV Labs ID: KQG304
Sample ID: 19B-ARM-HEP-24
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/02	Nishat Tasnim

BV Labs ID: KQG305
Sample ID: 19B-ARM-HEP-25
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/02	Nishat Tasnim

BV Labs ID: KQG306
Sample ID: 19B-ARM-HEP-26
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/02	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG307
Sample ID: 19B-ARM-HEP-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/05	Nishat Tasnim

BV Labs ID: KQG311
Sample ID: 19B-ARM-HEP-28
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6491814	2019/11/12	2019/12/22	Nishat Tasnim

BV Labs ID: KQG315
Sample ID: 19B-ARM-HEP-29
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/02	Nishat Tasnim

BV Labs ID: KQG326
Sample ID: 19B-ARM-HEP-30
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Percent Lipid Content	M	6395801	2019/10/19	2019/10/19	Hiral Soni
PCB Congeners in Tissue (1668A)	HRMS/MS	6410254	2019/10/16	2019/11/05	Nishat Tasnim

BV Labs ID: KQG331
Sample ID: 19B-ARM-HEP-31
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/02	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG332
Sample ID: 19B-ARM-HEP-32
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/02	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG333
Sample ID: 19B-ARM-HEP-33
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/02	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG339
Sample ID: 19B-ARM-HEP-34
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/02	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG346
Sample ID: 19B-ARM-HEP-35
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/02	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG347
Sample ID: 19B-ARM-HEP-36
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG348
Sample ID: 19B-ARM-HEP-37
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG349
Sample ID: 19B-ARM-HEP-38
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG362
Sample ID: 19B-ARM-HEP-39
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG363
Sample ID: 19B-ARM-HEP-40
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG363 Dup
Sample ID: 19B-ARM-HEP-40
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby

BV Labs ID: KQG364
Sample ID: 19B-ARM-HEP-41
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG365
Sample ID: 19B-ARM-HEP-42
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG366
Sample ID: 19B-ARM-HEP-43
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG367
Sample ID: 19B-ARM-HEP-44
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG371
Sample ID: 19B-ARM-HEP-45
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
2378TCDF Confirmation (M8290A/M1613)	HRMS/MS	6428700	2019/10/11	2019/11/05	Leila Azzam
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6415523	2019/10/21	2019/11/03	Owen Cosby
Percent Lipid Content	M	6403995	2019/10/24	2019/10/24	Hiral Soni

BV Labs ID: KQG380
Sample ID: 19B-LNG-SOLE-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/25	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2019/12/31	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG382
Sample ID: 19B-LNG-SOLE-02
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG384
Sample ID: 19B-LNG-SOLE-03
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2019/12/31	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

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TEST SUMMARY

BV Labs ID: KQG388
Sample ID: 19B-LNG-SOLE-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG389
Sample ID: 19B-LNG-SOLE-05
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG393
Sample ID: 19B-LNG-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG393 Dup
Sample ID: 19B-LNG-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby

BV Labs ID: KQG394
Sample ID: 19B-LNG-SOLE-07
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG410
Sample ID: 19B-LNG-SOLE-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG413
Sample ID: 19B-LNG-SOLE-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/09	Nishat Tasnim

BV Labs ID: KQG422
Sample ID: 19B-LNG-SOLE-10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/26	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/03	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

BV Labs ID: KQG423
Sample ID: 19B-LNG-SOLE-11
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/27	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6523817	2020/01/04	2020/01/17	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

BV Labs ID: KQG425
Sample ID: 19B-LNG-SOLE-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/27	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG425 Dup
Sample ID: 19B-LNG-SOLE-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/13	2019/12/10	Nishat Tasnim

BV Labs ID: KQG456
Sample ID: 19B-LNG-SOLE-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/27	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

BV Labs ID: KQG470
Sample ID: 19B-LNG-SOLE-14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/27	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2019/12/31	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

BV Labs ID: KQG492
Sample ID: 19B-LNG-SOLE-15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6460728	2019/11/16	2019/11/27	Owen Cosby
Percent Lipid Content	M	6426168	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6507189	2019/12/14	2020/01/01	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439793	2019/11/03	2019/12/10	Nishat Tasnim

BV Labs ID: KQG499
Sample ID: 19B-VIL-SOLE-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG503
Sample ID: 19B-VIL-SOLE-04
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG525
Sample ID: 19B-VIL-SOLE-06
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG567
Sample ID: 19B-VIL-SOLE-07 + 10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG569
Sample ID: 19B-VIL-SOLE-08
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG579
Sample ID: 19B-VIL-SOLE-09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG584
Sample ID: 19B-VIL-SOLE-11 +14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG587
Sample ID: 19B-VIL-SOLE-12
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG590
Sample ID: 19B-VIL-SOLE-13
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG593
Sample ID: 19B-VIL-SOLE-15 + 16
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG594
Sample ID: 19B-VIL-SOLE-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG594 Dup
Sample ID: 19B-VIL-SOLE-17
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/27	Owen Cosby
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG613
Sample ID: 19B-VIL-SOLE-18 + 19
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG614
Sample ID: 19B-VIL-SOLE-20
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG614 Dup
Sample ID: 19B-VIL-SOLE-20
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic

BV Labs ID: KQG616
Sample ID: 19B-VIL-SOLE-23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG618
Sample ID: 19B-VIL-SOLE-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/28	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG618
Sample ID: 19B-VIL-SOLE-27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG619
Sample ID: 19B-ARM-SOLE-01
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/29	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/03	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG622
Sample ID: 19B-ARM-SOLE-02 +7
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/29	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/04	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG623
Sample ID: 19B-ARM-SOLE-03 +15
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/29	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/04	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6439928	2019/11/05	2019/12/08	Branko Vrzic

BV Labs ID: KQG642
Sample ID: 19B-ARM-SOLE-05 +10
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/29	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/04	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6491814	2019/12/12	2019/12/22	Nishat Tasnim

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG648
Sample ID: 19B-ARM-SOLE-06 +14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6465491	2019/11/20	2019/11/29	Owen Cosby
Percent Lipid Content	M	6433446	2019/11/08	2019/11/08	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6520612	2019/12/19	2020/01/04	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6491814	2019/12/12	2019/12/22	Nishat Tasnim

BV Labs ID: KQG648 Dup
Sample ID: 19B-ARM-SOLE-06 +14
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	6491814	2019/12/12	2019/12/22	Nishat Tasnim

BV Labs ID: KQG651
Sample ID: 19B-ARM-SOLE-08 + 09
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG653
Sample ID: 19B-ARM-SOLE-11+16
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG659
Sample ID: 19B-ARM-SOLE-12+21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG659 Dup
Sample ID: 19B-ARM-SOLE-12+21
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG661
Sample ID: 19B-ARM-SOLE-13+23
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG670
Sample ID: 19B-ARM-SOLE-17+25
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG671
Sample ID: 19B-ARM-SOLE-18
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG674
Sample ID: 19B-ARM-SOLE-22
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

BV Labs ID: KQG686
Sample ID: 19B-ARM-SOLE-24
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG686 Dup
Sample ID: 19B-ARM-SOLE-24
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/22	Owen Cosby

BV Labs ID: KQG689
Sample ID: 19B-ARM-SOLE-26 +27
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6449921	2019/11/13	2019/11/21	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

BV Labs ID: KQG694
Sample ID: 19B-ARM-SOLE-30
Matrix: Tissue

Collected:
Shipped:
Received: 2019/09/05

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Tissue (1613B)	HRMS/MS	6472426	2019/11/30	2019/12/12	Owen Cosby
Percent Lipid Content	M	6424958	2019/11/05	2019/11/05	Hiral Soni
PAHs in Tissue (CARB429mod)	HRMS/MS	6435333	2019/11/10	2020/01/16	Branko Vrzic
PCB Congeners in Tissue (1668A)	HRMS/MS	6437316	2019/11/02	2019/11/29	Branko Vrzic

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GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	0.0°C
Package 2	-15.7°C
Package 3	-12.3°C
Package 4	-9.3°C

Sample KQF840 [19B-LNG-HEP-16] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF862 [19B-LNG-HEP-21] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF866 [19B-LNG-HEP-22] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF867 [19B-LNG-HEP-23] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF897 [19B-LNG-HEP-25] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF899 [19B-LNG-HEP-26] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQF927 [19B-LNG-HEP-29] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQG114 [19B-VIL-HEP-18] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences that have caused suppression on recovery standard PCB194L.

Sample KQG146 [19B-VIL-HEP-25] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on reocvery standard PCB194L. No affect to native concentration

Sample KQG270 [19B-ARM-HEP-16] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQG271 [19B-ARM-HEP-17] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQG274 [19B-ARM-HEP-19] : Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

Sample KQG285 [19B-ARM-HEP-21] : PCB analysis: Results for PCB 188 to PCB 209 was obtained from 10x dilution, due to high Internal Standard Recoveries and the RDL was adjusted accordingly.

Sample KQG425 [19B-LNG-SOLE-12] : Duplicate results exceeded RPD acceptance criteria for some parameters. This may be due to sample heterogeneity.

Sample KQG594 [19B-VIL-SOLE-17] : Some Parameters in the duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	C13-2,44'-TriCB-(28)	2019/09/16	84	40 - 125	73	40 - 125	83	%		
6335434	C13-22'33'44'55'6-NonaCB-(206)	2019/09/16	169 (1)	30 - 140	102	30 - 140	92	%		
6335434	C13-22'33'44'5-HeptaCB-(170)	2019/09/16	194 (1)	30 - 140	87	30 - 140	91	%		
6335434	C13-22'33'455'66'-NonaCB-(208)	2019/09/16	133	30 - 140	96	30 - 140	92	%		
6335434	C13-22'33'55'66'-OctaCB-(202)	2019/09/16	190 (1)	30 - 140	91	30 - 140	89	%		
6335434	C13-22'33'55'6-HeptaCB-(178)	2019/09/16	91	40 - 125	96	40 - 125	95	%		
6335434	C13-22'344'55'-HeptaCB-(180)	2019/09/16	197 (1)	30 - 140	89	30 - 140	91	%		
6335434	C13-22'34'566'-HeptaCB-(188)	2019/09/16	88	30 - 140	86	30 - 140	80	%		
6335434	C13-22'44'66'-HexaCB-(155)	2019/09/16	86	30 - 140	87	30 - 140	83	%		
6335434	C13-22'466'-PentaCB-(104)	2019/09/16	82	30 - 140	93	30 - 140	88	%		
6335434	C13-22'66'-TetraCB-(54)	2019/09/16	81	30 - 140	87	30 - 140	82	%		
6335434	C13-22'6-TriCB-(19)	2019/09/16	88	30 - 140	88	30 - 140	89	%		
6335434	C13-22'-DiCB-(4)	2019/09/16	76	30 - 140	72	30 - 140	74	%		
6335434	C13-233'44'55'6-OctaCB-(205)	2019/09/16	99	30 - 140	92	30 - 140	89	%		
6335434	C13-233'44'55'-HeptaCB-(189)	2019/09/16	146 (1)	30 - 140	86	30 - 140	83	%		
6335434	C13-233'44'-PentaCB-(105)	2019/09/16	91	30 - 140	86	30 - 140	91	%		
6335434	C13-233'55'-PentaCB-(111)	2019/09/16	88	40 - 125	89	40 - 125	91	%		
6335434	C13-23'44'55'-HexaCB-(167)	2019/09/16	82	30 - 140	83	30 - 140	84	%		
6335434	C13-2344'5-PentaCB-(114)	2019/09/16	82	30 - 140	80	30 - 140	83	%		
6335434	C13-23'44'5-PentaCB-(118)	2019/09/16	98	30 - 140	85	30 - 140	91	%		
6335434	C13-2'344'5-PentaCB-(123)	2019/09/16	87	30 - 140	84	30 - 140	87	%		
6335434	C13-2-MonoCB-(1)	2019/09/16	68	15 - 140	64	15 - 140	67	%		
6335434	C13-33'44'55'-HexaCB-(169)	2019/09/16	69	30 - 140	70	30 - 140	49	%		
6335434	C13-33'44'5-PentaCB-(126)	2019/09/16	77	30 - 140	85	30 - 140	71	%		
6335434	C13-33'44'-TetraCB-(77)	2019/09/16	90	30 - 140	82	30 - 140	77	%		
6335434	C13-344'5-TetraCB-(81)	2019/09/16	91	30 - 140	79	30 - 140	83	%		
6335434	C13-344'-TriCB-(37)	2019/09/16	83	30 - 140	73	30 - 140	79	%		
6335434	C13-44'-DiCB-(15)	2019/09/16	85	30 - 140	75	30 - 140	82	%		
6335434	C13-4-MonoCB-(3)	2019/09/16	70	15 - 140	63	15 - 140	68	%		
6335434	C13-DecaCB-(209)	2019/09/16	160 (1)	30 - 140	104	30 - 140	88	%		
6335434	C13-HexaCB-(156)+(157)	2019/09/16	84	30 - 140	84	30 - 140	85	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6343502	Acenaphthylene-2H8	2019/10/02	93	23 - 239	82	23 - 239	82	%		
6343502	Benz(a)anthracene-2H12	2019/10/02	107	12 - 605	110	12 - 605	95	%		
6343502	Benzo(a)pyrene-2H12	2019/10/02	88	21 - 290	79	21 - 290	80	%		
6343502	Benzo(b)fluoranthene-2H12	2019/10/02	88	24 - 159	91	24 - 159	83	%		
6343502	Benzo(g,h,i)perylene-2H12	2019/10/02	98	14 - 529	89	14 - 529	92	%		
6343502	Benzo(k)fluoranthene-2H12	2019/10/02	80	11 - 162	85	11 - 162	86	%		
6343502	Chrysene-2H12	2019/10/02	72	13 - 512	92	13 - 512	79	%		
6343502	Dibenzo(a,h)anthracene-2H14	2019/10/02	120	1 - 227	100	1 - 227	105	%		
6343502	Fluoranthene-2H10	2019/10/02	96	20 - 278	87	20 - 278	87	%		
6343502	Indeno(1,2,3-c,d)pyrene-2H12	2019/10/02	116	1 - 171	97	1 - 171	101	%		
6343502	Naphthalene-2H8	2019/10/02	76 (5)	14 - 305	73 (5)	14 - 305	68 (5)	%		
6343502	Perylene-2H12	2019/10/02	91	21 - 290	82	21 - 290	84	%		
6343502	Phenanthrene-2H10	2019/10/02	113	24 - 241	104	24 - 241	101	%		
6354007	37CL4 2378 Tetra CDD	2019/10/03	103	35 - 197	87	35 - 197	87	%		
6354007	C13-1234678 HeptaCDD	2019/10/03	60	23 - 140	62	23 - 140	67	%		
6354007	C13-1234678 HeptaCDF	2019/10/03	60	28 - 143	62	28 - 143	62	%		
6354007	C13-123478 HexaCDD	2019/10/03	84	32 - 141	85	32 - 141	94	%		
6354007	C13-123478 HexaCDF	2019/10/03	80	26 - 152	82	26 - 152	81	%		
6354007	C13-1234789 HeptaCDF	2019/10/03	49	26 - 138	50	26 - 138	55	%		
6354007	C13-123678 HexaCDD	2019/10/03	97	28 - 130	97	28 - 130	107	%		
6354007	C13-123678 HexaCDF	2019/10/03	85	26 - 123	85	26 - 123	83	%		
6354007	C13-12378 PentaCDD	2019/10/03	65	25 - 181	62	25 - 181	66	%		
6354007	C13-12378 PentaCDF	2019/10/03	63	24 - 185	58	24 - 185	63	%		
6354007	C13-123789 HexaCDF	2019/10/03	79	29 - 147	79	29 - 147	81	%		
6354007	C13-234678 HexaCDF	2019/10/03	75	28 - 136	74	28 - 136	73	%		
6354007	C13-23478 PentaCDF	2019/10/03	68	25 - 181	66	25 - 181	66	%		
6354007	C13-2378 TetraCDD	2019/10/03	91	25 - 164	84	25 - 164	88	%		
6354007	C13-2378 TetraCDF	2019/10/03	91	24 - 169	82	24 - 169	89	%		
6354007	C13-OCDD	2019/10/03	34	17 - 157	35	17 - 157	35	%		
6360913	C13-2,44'-TriCB-(28)	2019/09/30	97	40 - 125	98	40 - 125	106	%		
6360913	C13-22'33'44'55'6-NonaCB-(206)	2019/09/30	127	30 - 140	107	30 - 140	110	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	C13-22'33'44'5-HeptaCB-(170)	2019/09/30	117	30 - 140	97	30 - 140	112	%		
6360913	C13-22'33'455'66'-NonaCB-(208)	2019/09/30	125	30 - 140	102	30 - 140	108	%		
6360913	C13-22'33'55'66'-OctaCB-(202)	2019/09/30	110	30 - 140	88	30 - 140	96	%		
6360913	C13-22'33'55'6-HeptaCB-(178)	2019/09/30	91	40 - 125	96	40 - 125	103	%		
6360913	C13-22'344'55'-HeptaCB-(180)	2019/09/30	116	30 - 140	95	30 - 140	108	%		
6360913	C13-22'34'566'-HeptaCB-(188)	2019/09/30	83	30 - 140	89	30 - 140	105	%		
6360913	C13-22'44'66'-HexaCB-(155)	2019/09/30	86	30 - 140	83	30 - 140	105	%		
6360913	C13-22'466'-PentaCB-(104)	2019/09/30	87	30 - 140	100	30 - 140	109	%		
6360913	C13-22'66'-TetraCB-(54)	2019/09/30	80	30 - 140	88	30 - 140	93	%		
6360913	C13-22'6-TriCB-(19)	2019/09/30	70	30 - 140	74	30 - 140	79	%		
6360913	C13-22'-DiCB-(4)	2019/09/30	58	30 - 140	57	30 - 140	65	%		
6360913	C13-233'44'55'6-OctaCB-(205)	2019/09/30	83	30 - 140	103	30 - 140	112	%		
6360913	C13-233'44'55'-HeptaCB-(189)	2019/09/30	139	30 - 140	115	30 - 140	119	%		
6360913	C13-233'44'-PentaCB-(105)	2019/09/30	109	30 - 140	123	30 - 140	122	%		
6360913	C13-233'55'-PentaCB-(111)	2019/09/30	95	40 - 125	101	40 - 125	106	%		
6360913	C13-23'44'55'-HexaCB-(167)	2019/09/30	98	30 - 140	114	30 - 140	120	%		
6360913	C13-2344'5-PentaCB-(114)	2019/09/30	102	30 - 140	117	30 - 140	118	%		
6360913	C13-23'44'5-PentaCB-(118)	2019/09/30	110	30 - 140	124	30 - 140	123	%		
6360913	C13-2'344'5-PentaCB-(123)	2019/09/30	108	30 - 140	121	30 - 140	119	%		
6360913	C13-2-MonoCB-(1)	2019/09/30	56	15 - 140	56	15 - 140	60	%		
6360913	C13-33'44'55'-HexaCB-(169)	2019/09/30	90	30 - 140	96	30 - 140	105	%		
6360913	C13-33'44'5-PentaCB-(126)	2019/09/30	101	30 - 140	118	30 - 140	116	%		
6360913	C13-33'44'-TetraCB-(77)	2019/09/30	105	30 - 140	109	30 - 140	113	%		
6360913	C13-344'5-TetraCB-(81)	2019/09/30	101	30 - 140	109	30 - 140	112	%		
6360913	C13-344'-TriCB-(37)	2019/09/30	102	30 - 140	107	30 - 140	113	%		
6360913	C13-44'-DiCB-(15)	2019/09/30	79	30 - 140	83	30 - 140	94	%		
6360913	C13-4-MonoCB-(3)	2019/09/30	64	15 - 140	62	15 - 140	64	%		
6360913	C13-DecaCB-(209)	2019/09/30	109	30 - 140	92	30 - 140	94	%		
6360913	C13-HexaCB-(156)+(157)	2019/09/30	100	30 - 140	115	30 - 140	122	%		
6365830	37CL4 2378 Tetra CDD	2019/10/06	109	35 - 197	108	35 - 197	97	%		
6365830	C13-1234678 HeptaCDD	2019/10/06	99	23 - 140	97	23 - 140	94	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6365830	C13-1234678 HeptaCDF	2019/10/06	81	28 - 143	84	28 - 143	76	%		
6365830	C13-123478 HexaCDD	2019/10/06	93	32 - 141	94	32 - 141	88	%		
6365830	C13-123478 HexaCDF	2019/10/06	87	26 - 152	82	26 - 152	78	%		
6365830	C13-1234789 HeptaCDF	2019/10/06	79	26 - 138	81	26 - 138	82	%		
6365830	C13-123678 HexaCDD	2019/10/06	109	28 - 130	107	28 - 130	99	%		
6365830	C13-123678 HexaCDF	2019/10/06	92	26 - 123	87	26 - 123	85	%		
6365830	C13-12378 PentaCDD	2019/10/06	81	25 - 181	79	25 - 181	73	%		
6365830	C13-12378 PentaCDF	2019/10/06	71	24 - 185	65	24 - 185	62	%		
6365830	C13-123789 HexaCDF	2019/10/06	87	29 - 147	90	29 - 147	84	%		
6365830	C13-234678 HexaCDF	2019/10/06	82	28 - 136	81	28 - 136	75	%		
6365830	C13-23478 PentaCDF	2019/10/06	81	25 - 181	76	25 - 181	73	%		
6365830	C13-2378 TetraCDD	2019/10/06	85	25 - 164	80	25 - 164	74	%		
6365830	C13-2378 TetraCDF	2019/10/06	78	24 - 169	74	24 - 169	71	%		
6365830	C13-OCDD	2019/10/06	93	17 - 157	99	17 - 157	87	%		
6371121	Confirmation C13-2378 TetraCDF	2019/10/04					83	%		
6380277	Acenaphthylene-2H8	2019/10/11	70	23 - 239	80	23 - 239	86	%		
6380277	Benz(a)anthracene-2H12	2019/10/11	110	12 - 605	88	12 - 605	73	%		
6380277	Benzo(a)pyrene-2H12	2019/10/11	89	21 - 290	82	21 - 290	82	%		
6380277	Benzo(b)fluoranthene-2H12	2019/10/11	89	24 - 159	87	24 - 159	75	%		
6380277	Benzo(g,h,i)perylene-2H12	2019/10/11	80	14 - 529	80	14 - 529	70	%		
6380277	Benzo(k)fluoranthene-2H12	2019/10/11	87	11 - 162	83	11 - 162	81	%		
6380277	Chrysene-2H12	2019/10/11	85	13 - 512	77	13 - 512	74	%		
6380277	Dibenzo(a,h)anthracene-2H14	2019/10/11	79	1 - 227	77	1 - 227	73	%		
6380277	Fluoranthene-2H10	2019/10/11	85	20 - 278	93	20 - 278	85	%		
6380277	Indeno(1,2,3-c,d)pyrene-2H12	2019/10/11	73	1 - 171	74	1 - 171	67	%		
6380277	Naphthalene-2H8	2019/10/11	64 (5)	14 - 305	69 (5)	14 - 305	72 (5)	%		
6380277	Perylene-2H12	2019/10/11	77	21 - 290	82	21 - 290	68	%		
6380277	Phenanthrene-2H10	2019/10/11	63	24 - 241	68	24 - 241	74	%		
6387256	C13-2,44'-TriCB-(28)	2019/10/15			67	40 - 125	74	%		
6387256	C13-22'33'44'55'6-NonaCB-(206)	2019/10/15			103	30 - 140	90	%		
6387256	C13-22'33'44'5-HeptaCB-(170)	2019/10/15			97	30 - 140	107	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	C13-22'33'455'66'-NonaCB-(208)	2019/10/15			100	30 - 140	100	%		
6387256	C13-22'33'55'66'-OctaCB-(202)	2019/10/15			83	30 - 140	107	%		
6387256	C13-22'33'55'6-HeptaCB-(178)	2019/10/15			91	40 - 125	83	%		
6387256	C13-22'344'55'-HeptaCB-(180)	2019/10/15			92	30 - 140	111	%		
6387256	C13-22'34'566'-HeptaCB-(188)	2019/10/15			90	30 - 140	89	%		
6387256	C13-22'44'66'-HexaCB-(155)	2019/10/15			84	30 - 140	92	%		
6387256	C13-22'466'-PentaCB-(104)	2019/10/15			88	30 - 140	88	%		
6387256	C13-22'66'-TetraCB-(54)	2019/10/15			78	30 - 140	72	%		
6387256	C13-22'6-TriCB-(19)	2019/10/15			59	30 - 140	53	%		
6387256	C13-22'-DiCB-(4)	2019/10/15			53	30 - 140	44	%		
6387256	C13-233'44'55'6-OctaCB-(205)	2019/10/15			101	30 - 140	106	%		
6387256	C13-233'44'55'-HeptaCB-(189)	2019/10/15			100	30 - 140	115	%		
6387256	C13-233'44'-PentaCB-(105)	2019/10/15			101	30 - 140	94	%		
6387256	C13-233'55'-PentaCB-(111)	2019/10/15			84	40 - 125	76	%		
6387256	C13-23'44'55'-HexaCB-(167)	2019/10/15			96	30 - 140	101	%		
6387256	C13-2344'5-PentaCB-(114)	2019/10/15			89	30 - 140	94	%		
6387256	C13-23'44'5-PentaCB-(118)	2019/10/15			95	30 - 140	95	%		
6387256	C13-2'344'5-PentaCB-(123)	2019/10/15			95	30 - 140	98	%		
6387256	C13-2-MonoCB-(1)	2019/10/15			42	15 - 140	38	%		
6387256	C13-33'44'55'-HexaCB-(169)	2019/10/15			80	30 - 140	75	%		
6387256	C13-33'44'5-PentaCB-(126)	2019/10/15			89	30 - 140	88	%		
6387256	C13-33'44'-TetraCB-(77)	2019/10/15			86	30 - 140	82	%		
6387256	C13-344'5-TetraCB-(81)	2019/10/15			81	30 - 140	83	%		
6387256	C13-344'-TriCB-(37)	2019/10/15			75	30 - 140	78	%		
6387256	C13-44'-DiCB-(15)	2019/10/15			57	30 - 140	57	%		
6387256	C13-4-MonoCB-(3)	2019/10/15			48	15 - 140	43	%		
6387256	C13-DecaCB-(209)	2019/10/15			100	30 - 140	83	%		
6387256	C13-HexaCB-(156)+(157)	2019/10/15			106	30 - 140	116	%		
6404691	Acenaphthylene-2H8	2019/10/31	81	23 - 239	99	23 - 239	91	%		
6404691	Benz(a)anthracene-2H12	2019/10/31	126	12 - 605	119	12 - 605	107	%		
6404691	Benzo(a)pyrene-2H12	2019/10/31	101	21 - 290	111	21 - 290	104	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6404691	Benzo(b)fluoranthene-2H12	2019/10/31	108	24 - 159	88	24 - 159	112	%		
6404691	Benzo(g,h,i)perylene-2H12	2019/10/31	103	14 - 529	117	14 - 529	99	%		
6404691	Benzo(k)fluoranthene-2H12	2019/10/31	98	11 - 162	89	11 - 162	103	%		
6404691	Chrysene-2H12	2019/10/31	96	13 - 512	94	13 - 512	91	%		
6404691	Dibenzo(a,h)anthracene-2H14	2019/10/31	113	1 - 227	114	1 - 227	110	%		
6404691	Fluoranthene-2H10	2019/10/31	94	20 - 278	111	20 - 278	101	%		
6404691	Indeno(1,2,3-c,d)pyrene-2H12	2019/10/31	106	1 - 171	117	1 - 171	102	%		
6404691	Naphthalene-2H8	2019/10/31	80 (5)	14 - 305	93 (5)	14 - 305	56 (5)	%		
6404691	Perylene-2H12	2019/10/31	108	21 - 290	109	21 - 290	107	%		
6404691	Phenanthrene-2H10	2019/10/31	119	24 - 241	99	24 - 241	132	%		
6410254	C13-2,44'-TriCB-(28)	2019/10/29	109	40 - 125	105	40 - 125	102	%		
6410254	C13-22'33'44'55'6-NonaCB-(206)	2019/10/29	139	30 - 140	93	30 - 140	81	%		
6410254	C13-22'33'44'5-HeptaCB-(170)	2019/10/29	209 (1)	30 - 140	95	30 - 140	87	%		
6410254	C13-22'33'455'66'-NonaCB-(208)	2019/10/29	112	30 - 140	89	30 - 140	80	%		
6410254	C13-22'33'55'66'-OctaCB-(202)	2019/10/29	175 (1)	30 - 140	79	30 - 140	72	%		
6410254	C13-22'33'55'6-HeptaCB-(178)	2019/10/29	76	40 - 125	89	40 - 125	79	%		
6410254	C13-22'344'55'-HeptaCB-(180)	2019/10/29	215 (1)	30 - 140	88	30 - 140	90	%		
6410254	C13-22'34'566'-HeptaCB-(188)	2019/10/29	83	30 - 140	86	30 - 140	77	%		
6410254	C13-22'44'66'-HexaCB-(155)	2019/10/29	86	30 - 140	90	30 - 140	81	%		
6410254	C13-22'466'-PentaCB-(104)	2019/10/29	84	30 - 140	88	30 - 140	87	%		
6410254	C13-22'66'-TetraCB-(54)	2019/10/29	81	30 - 140	80	30 - 140	72	%		
6410254	C13-22'6-TriCB-(19)	2019/10/29	60	30 - 140	57	30 - 140	52	%		
6410254	C13-22'-DiCB-(4)	2019/10/29	52	30 - 140	44	30 - 140	41	%		
6410254	C13-233'44'55'6-OctaCB-(205)	2019/10/29	102	30 - 140	105	30 - 140	95	%		
6410254	C13-233'44'55'-HeptaCB-(189)	2019/10/29	184 (1)	30 - 140	117	30 - 140	117	%		
6410254	C13-233'44'-PentaCB-(105)	2019/10/29	120	30 - 140	131	30 - 140	123	%		
6410254	C13-233'55'-PentaCB-(111)	2019/10/29	92	40 - 125	99	40 - 125	89	%		
6410254	C13-23'44'55'-HexaCB-(167)	2019/10/29	113	30 - 140	125	30 - 140	121	%		
6410254	C13-2344'5-PentaCB-(114)	2019/10/29	116	30 - 140	123	30 - 140	120	%		
6410254	C13-23'44'5-PentaCB-(118)	2019/10/29	125	30 - 140	131	30 - 140	127	%		
6410254	C13-2'344'5-PentaCB-(123)	2019/10/29	122	30 - 140	126	30 - 140	125	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	C13-2-MonoCB-(1)	2019/10/29	58	15 - 140	49	15 - 140	46	%		
6410254	C13-33'44'55'-HexaCB-(169)	2019/10/29	75	30 - 140	90	30 - 140	97	%		
6410254	C13-33'44'5-PentaCB-(126)	2019/10/29	104	30 - 140	125	30 - 140	118	%		
6410254	C13-33'44'-TetraCB-(77)	2019/10/29	114	30 - 140	122	30 - 140	110	%		
6410254	C13-344'5-TetraCB-(81)	2019/10/29	115	30 - 140	119	30 - 140	109	%		
6410254	C13-344'-TriCB-(37)	2019/10/29	110	30 - 140	113	30 - 140	106	%		
6410254	C13-44'-DiCB-(15)	2019/10/29	80	30 - 140	74	30 - 140	72	%		
6410254	C13-4-MonoCB-(3)	2019/10/29	60	15 - 140	53	15 - 140	50	%		
6410254	C13-DecaCB-(209)	2019/10/29	131	30 - 140	86	30 - 140	70	%		
6410254	C13-HexaCB-(156)+(157)	2019/10/29	111	30 - 140	125	30 - 140	123	%		
6414992	Confirmation C13-2378 TetraCDF	2019/10/29					104	%		
6415523	37Cl4 2378 Tetra CDD	2019/11/02	99	35 - 197	98	35 - 197	99	%		
6415523	C13-1234678 HeptaCDD	2019/11/02	102	23 - 140	100	23 - 140	94	%		
6415523	C13-1234678 HeptaCDF	2019/11/02	86	28 - 143	88	28 - 143	80	%		
6415523	C13-123478 HexaCDD	2019/11/02	100	32 - 141	96	32 - 141	89	%		
6415523	C13-123478 HexaCDF	2019/11/02	102	26 - 152	103	26 - 152	95	%		
6415523	C13-1234789 HeptaCDF	2019/11/02	113	26 - 138	105	26 - 138	91	%		
6415523	C13-123678 HexaCDD	2019/11/02	96	28 - 130	92	28 - 130	91	%		
6415523	C13-123678 HexaCDF	2019/11/02	88	26 - 123	94	26 - 123	86	%		
6415523	C13-12378 PentaCDD	2019/11/02	90	25 - 181	92	25 - 181	79	%		
6415523	C13-12378 PentaCDF	2019/11/02	84	24 - 185	87	24 - 185	76	%		
6415523	C13-123789 HexaCDF	2019/11/02	106	29 - 147	110	29 - 147	106	%		
6415523	C13-234678 HexaCDF	2019/11/02	91	28 - 136	95	28 - 136	86	%		
6415523	C13-23478 PentaCDF	2019/11/02	97	25 - 181	103	25 - 181	88	%		
6415523	C13-2378 TetraCDD	2019/11/02	92	25 - 164	89	25 - 164	83	%		
6415523	C13-2378 TetraCDF	2019/11/02	97	24 - 169	100	24 - 169	95	%		
6415523	C13-OCDD	2019/11/02	96	17 - 157	87	17 - 157	72	%		
6428700	Confirmation C13-2378 TetraCDF	2019/11/05					105	%		
6428906	C13-2,44'-TriCB-(28)	2019/11/07	101	40 - 125	127 (11)	40 - 125	138 (11)	%		
6428906	C13-22'33'44'55'6-NonaCB-(206)	2019/11/07	61	30 - 140	95	30 - 140	76	%		
6428906	C13-22'33'44'5-HeptaCB-(170)	2019/11/07	93	30 - 140	100	30 - 140	94	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	C13-22'33'455'66'-NonaCB-(208)	2019/11/07	87	30 - 140	98	30 - 140	82	%		
6428906	C13-22'33'55'66'-OctaCB-(202)	2019/11/07	93	30 - 140	99	30 - 140	81	%		
6428906	C13-22'33'55'6-HeptaCB-(178)	2019/11/07	93	40 - 125	114	40 - 125	95	%		
6428906	C13-22'344'55'-HeptaCB-(180)	2019/11/07	98	30 - 140	105	30 - 140	97	%		
6428906	C13-22'34'566'-HeptaCB-(188)	2019/11/07	76	30 - 140	82	30 - 140	68	%		
6428906	C13-22'44'66'-HexaCB-(155)	2019/11/07	77	30 - 140	80	30 - 140	71	%		
6428906	C13-22'466'-PentaCB-(104)	2019/11/07	69	30 - 140	80	30 - 140	73	%		
6428906	C13-22'66'-TetraCB-(54)	2019/11/07	72	30 - 140	79	30 - 140	64	%		
6428906	C13-22'6-TriCB-(19)	2019/11/07	61	30 - 140	64	30 - 140	55	%		
6428906	C13-22'-DiCB-(4)	2019/11/07	52	30 - 140	56	30 - 140	44	%		
6428906	C13-233'44'55'6-OctaCB-(205)	2019/11/07	75	30 - 140	96	30 - 140	87	%		
6428906	C13-233'44'55'-HeptaCB-(189)	2019/11/07	99	30 - 140	125	30 - 140	123	%		
6428906	C13-233'44'-PentaCB-(105)	2019/11/07	95	30 - 140	105	30 - 140	111	%		
6428906	C13-233'55'-PentaCB-(111)	2019/11/07	96	40 - 125	118	40 - 125	112	%		
6428906	C13-23'44'55'-HexaCB-(167)	2019/11/07	100	30 - 140	109	30 - 140	110	%		
6428906	C13-2344'5-PentaCB-(114)	2019/11/07	87	30 - 140	103	30 - 140	107	%		
6428906	C13-23'44'5-PentaCB-(118)	2019/11/07	94	30 - 140	110	30 - 140	111	%		
6428906	C13-2'344'5-PentaCB-(123)	2019/11/07	90	30 - 140	106	30 - 140	110	%		
6428906	C13-2-MonoCB-(1)	2019/11/07	50	15 - 140	57	15 - 140	52	%		
6428906	C13-33'44'55'-HexaCB-(169)	2019/11/07	79	30 - 140	96	30 - 140	80	%		
6428906	C13-33'44'5-PentaCB-(126)	2019/11/07	81	30 - 140	103	30 - 140	101	%		
6428906	C13-33'44'-TetraCB-(77)	2019/11/07	96	30 - 140	105	30 - 140	100	%		
6428906	C13-344'5-TetraCB-(81)	2019/11/07	97	30 - 140	100	30 - 140	98	%		
6428906	C13-344'-TriCB-(37)	2019/11/07	90	30 - 140	95	30 - 140	105	%		
6428906	C13-44'-DiCB-(15)	2019/11/07	68	30 - 140	72	30 - 140	72	%		
6428906	C13-4-MonoCB-(3)	2019/11/07	58	15 - 140	62	15 - 140	58	%		
6428906	C13-DecaCB-(209)	2019/11/07	55	30 - 140	91	30 - 140	61	%		
6428906	C13-HexaCB-(156)+(157)	2019/11/07	97	30 - 140	105	30 - 140	111	%		
6435333	Acenaphthylene-2H8	2019/12/25	86	23 - 239	78	23 - 239	80	%		
6435333	Benz(a)anthracene-2H12	2019/12/25	79	12 - 605	71	12 - 605	82	%		
6435333	Benzo(a)pyrene-2H12	2019/12/25	101	21 - 290	92	21 - 290	95	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6435333	Benzo(b)fluoranthene-2H12	2019/12/25	75	24 - 159	74	24 - 159	88	%		
6435333	Benzo(g,h,i)perylene-2H12	2019/12/25	93	14 - 529	81	14 - 529	82	%		
6435333	Benzo(k)fluoranthene-2H12	2019/12/25	98	11 - 162	95	11 - 162	94	%		
6435333	Chrysene-2H12	2019/12/25	87	13 - 512	82	13 - 512	81	%		
6435333	Dibenzo(a,h)anthracene-2H14	2019/12/25	72	1 - 227	61	1 - 227	72	%		
6435333	Fluoranthene-2H10	2019/12/25	96	20 - 278	95	20 - 278	104	%		
6435333	Indeno(1,2,3-c,d)pyrene-2H12	2019/12/25	76	1 - 171	61	1 - 171	67	%		
6435333	Naphthalene-2H8	2019/12/25	85	14 - 305	78	14 - 305	85	%		
6435333	Perylene-2H12	2019/12/25	93	21 - 290	83	21 - 290	84	%		
6435333	Phenanthrene-2H10	2019/12/25	92	24 - 241	90	24 - 241	83	%		
6437316	C13-2,44'-TriCB-(28)	2019/11/28	83	40 - 125	67	40 - 125	71	%		
6437316	C13-22'33'44'55'6-NonaCB-(206)	2019/11/28	98	30 - 140	91	30 - 140	82	%		
6437316	C13-22'33'44'5-HeptaCB-(170)	2019/11/28	104	30 - 140	97	30 - 140	85	%		
6437316	C13-22'33'455'66'-NonaCB-(208)	2019/11/28	101	30 - 140	94	30 - 140	84	%		
6437316	C13-22'33'55'66'-OctaCB-(202)	2019/11/28	115	30 - 140	104	30 - 140	90	%		
6437316	C13-22'33'55'6-HeptaCB-(178)	2019/11/28	101	40 - 125	83	40 - 125	91	%		
6437316	C13-22'344'55'-HeptaCB-(180)	2019/11/28	109	30 - 140	97	30 - 140	88	%		
6437316	C13-22'34'566'-HeptaCB-(188)	2019/11/28	99	30 - 140	86	30 - 140	79	%		
6437316	C13-22'44'66'-HexaCB-(155)	2019/11/28	108	30 - 140	92	30 - 140	85	%		
6437316	C13-22'466'-PentaCB-(104)	2019/11/28	95	30 - 140	85	30 - 140	75	%		
6437316	C13-22'66'-TetraCB-(54)	2019/11/28	88	30 - 140	82	30 - 140	71	%		
6437316	C13-22'6-TriCB-(19)	2019/11/28	70	30 - 140	74	30 - 140	65	%		
6437316	C13-22'-DiCB-(4)	2019/11/28	58	30 - 140	61	30 - 140	52	%		
6437316	C13-233'44'55'6-OctaCB-(205)	2019/11/28	93	30 - 140	84	30 - 140	77	%		
6437316	C13-233'44'55'-HeptaCB-(189)	2019/11/28	95	30 - 140	88	30 - 140	82	%		
6437316	C13-233'44'-PentaCB-(105)	2019/11/28	82	30 - 140	74	30 - 140	70	%		
6437316	C13-233'55'-PentaCB-(111)	2019/11/28	95	40 - 125	78	40 - 125	85	%		
6437316	C13-23'44'55'-HexaCB-(167)	2019/11/28	81	30 - 140	74	30 - 140	70	%		
6437316	C13-2344'5-PentaCB-(114)	2019/11/28	81	30 - 140	70	30 - 140	70	%		
6437316	C13-23'44'5-PentaCB-(118)	2019/11/28	81	30 - 140	71	30 - 140	70	%		
6437316	C13-2'344'5-PentaCB-(123)	2019/11/28	80	30 - 140	72	30 - 140	66	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	C13-2-MonoCB-(1)	2019/11/28	42	15 - 140	44	15 - 140	37	%		
6437316	C13-33'44'55'-HexaCB-(169)	2019/11/28	65	30 - 140	59	30 - 140	61	%		
6437316	C13-33'44'5-PentaCB-(126)	2019/11/28	76	30 - 140	72	30 - 140	69	%		
6437316	C13-33'44'-TetraCB-(77)	2019/11/28	81	30 - 140	78	30 - 140	74	%		
6437316	C13-344'5-TetraCB-(81)	2019/11/28	82	30 - 140	76	30 - 140	72	%		
6437316	C13-344'-TriCB-(37)	2019/11/28	83	30 - 140	76	30 - 140	70	%		
6437316	C13-44'-DiCB-(15)	2019/11/28	74	30 - 140	67	30 - 140	60	%		
6437316	C13-4-MonoCB-(3)	2019/11/28	54	15 - 140	54	15 - 140	47	%		
6437316	C13-DecaCB-(209)	2019/11/28	94	30 - 140	87	30 - 140	80	%		
6437316	C13-HexaCB-(156)+(157)	2019/11/28	84	30 - 140	73	30 - 140	70	%		
6437774	C13-2,44'-TriCB-(28)	2019/12/13	123	40 - 125	98	40 - 125	96	%		
6437774	C13-22'33'44'55'6-NonaCB-(206)	2019/12/13	156 (19)	30 - 140	107	30 - 140	117	%		
6437774	C13-22'33'44'5-HeptaCB-(170)	2019/12/13	191 (19)	30 - 140	96	30 - 140	95	%		
6437774	C13-22'33'455'66'-NonaCB-(208)	2019/12/13	149 (19)	30 - 140	91	30 - 140	103	%		
6437774	C13-22'33'55'66'-OctaCB-(202)	2019/12/13	186 (19)	30 - 140	92	30 - 140	95	%		
6437774	C13-22'33'55'6-HeptaCB-(178)	2019/12/13	146 (19)	40 - 125	114	40 - 125	123	%		
6437774	C13-22'344'55'-HeptaCB-(180)	2019/12/13	186 (19)	30 - 140	96	30 - 140	99	%		
6437774	C13-22'34'566'-HeptaCB-(188)	2019/12/13	113	30 - 140	98	30 - 140	91	%		
6437774	C13-22'44'66'-HexaCB-(155)	2019/12/13	121	30 - 140	100	30 - 140	93	%		
6437774	C13-22'466'-PentaCB-(104)	2019/12/13	116	30 - 140	96	30 - 140	98	%		
6437774	C13-22'66'-TetraCB-(54)	2019/12/13	120	30 - 140	105	30 - 140	101	%		
6437774	C13-22'6-TriCB-(19)	2019/12/13	84	30 - 140	74	30 - 140	72	%		
6437774	C13-22'-DiCB-(4)	2019/12/13	83	30 - 140	77	30 - 140	72	%		
6437774	C13-233'44'55'6-OctaCB-(205)	2019/12/13	87	30 - 140	97	30 - 140	99	%		
6437774	C13-233'44'55'-HeptaCB-(189)	2019/12/13	136	30 - 140	95	30 - 140	103	%		
6437774	C13-233'44'-PentaCB-(105)	2019/12/13	121	30 - 140	108	30 - 140	102	%		
6437774	C13-233'55'-PentaCB-(111)	2019/12/13	125	40 - 125	106	40 - 125	103	%		
6437774	C13-23'44'55'-HexaCB-(167)	2019/12/13	113	30 - 140	99	30 - 140	96	%		
6437774	C13-2344'5-PentaCB-(114)	2019/12/13	111	30 - 140	105	30 - 140	99	%		
6437774	C13-23'44'5-PentaCB-(118)	2019/12/13	121	30 - 140	103	30 - 140	104	%		
6437774	C13-2'344'5-PentaCB-(123)	2019/12/13	112	30 - 140	103	30 - 140	104	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	C13-2-MonoCB-(1)	2019/12/13	75	15 - 140	68	15 - 140	63	%		
6437774	C13-33'44'55'-HexaCB-(169)	2019/12/13	70	30 - 140	70	30 - 140	76	%		
6437774	C13-33'44'5-PentaCB-(126)	2019/12/13	110	30 - 140	106	30 - 140	106	%		
6437774	C13-33'44'-TetraCB-(77)	2019/12/13	116	30 - 140	105	30 - 140	99	%		
6437774	C13-344'5-TetraCB-(81)	2019/12/13	114	30 - 140	103	30 - 140	97	%		
6437774	C13-344'-TriCB-(37)	2019/12/13	111	30 - 140	89	30 - 140	87	%		
6437774	C13-44'-DiCB-(15)	2019/12/13	92	30 - 140	70	30 - 140	73	%		
6437774	C13-4-MonoCB-(3)	2019/12/13	76	15 - 140	66	15 - 140	61	%		
6437774	C13-DecaCB-(209)	2019/12/13	170 (19)	30 - 140	119	30 - 140	128	%		
6437774	C13-HexaCB-(156)+(157)	2019/12/13	111	30 - 140	98	30 - 140	103	%		
6439793	C13-2,44'-TriCB-(28)	2019/12/09	83	40 - 125	86	40 - 125	75	%		
6439793	C13-22'33'44'55'6-NonaCB-(206)	2019/12/09	85	30 - 140	87	30 - 140	71	%		
6439793	C13-22'33'44'5-HeptaCB-(170)	2019/12/09	86	30 - 140	81	30 - 140	75	%		
6439793	C13-22'33'455'66'-NonaCB-(208)	2019/12/09	82	30 - 140	83	30 - 140	67	%		
6439793	C13-22'33'55'66'-OctaCB-(202)	2019/12/09	80	30 - 140	76	30 - 140	67	%		
6439793	C13-22'33'55'6-HeptaCB-(178)	2019/12/09	83	40 - 125	82	40 - 125	69	%		
6439793	C13-22'344'55'-HeptaCB-(180)	2019/12/09	88	30 - 140	80	30 - 140	75	%		
6439793	C13-22'34'566'-HeptaCB-(188)	2019/12/09	76	30 - 140	78	30 - 140	66	%		
6439793	C13-22'44'66'-HexaCB-(155)	2019/12/09	77	30 - 140	83	30 - 140	69	%		
6439793	C13-22'466'-PentaCB-(104)	2019/12/09	80	30 - 140	83	30 - 140	67	%		
6439793	C13-22'66'-TetraCB-(54)	2019/12/09	57	30 - 140	64	30 - 140	53	%		
6439793	C13-22'6-TriCB-(19)	2019/12/09	75	30 - 140	64	30 - 140	55	%		
6439793	C13-22'-DiCB-(4)	2019/12/09	45	30 - 140	53	30 - 140	43	%		
6439793	C13-233'44'55'6-OctaCB-(205)	2019/12/09	85	30 - 140	85	30 - 140	73	%		
6439793	C13-233'44'55'-HeptaCB-(189)	2019/12/09	96	30 - 140	95	30 - 140	81	%		
6439793	C13-233'44'-PentaCB-(105)	2019/12/09	91	30 - 140	89	30 - 140	79	%		
6439793	C13-233'55'-PentaCB-(111)	2019/12/09	82	40 - 125	83	40 - 125	71	%		
6439793	C13-23'44'55'-HexaCB-(167)	2019/12/09	93	30 - 140	94	30 - 140	77	%		
6439793	C13-2344'5-PentaCB-(114)	2019/12/09	93	30 - 140	92	30 - 140	79	%		
6439793	C13-23'44'5-PentaCB-(118)	2019/12/09	93	30 - 140	88	30 - 140	79	%		
6439793	C13-2'344'5-PentaCB-(123)	2019/12/09	89	30 - 140	88	30 - 140	78	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	C13-2-MonoCB-(1)	2019/12/09	42	15 - 140	48	15 - 140	37	%		
6439793	C13-33'44'55'-HexaCB-(169)	2019/12/09	71	30 - 140	72	30 - 140	55	%		
6439793	C13-33'44'5-PentaCB-(126)	2019/12/09	90	30 - 140	90	30 - 140	75	%		
6439793	C13-33'44'-TetraCB-(77)	2019/12/09	84	30 - 140	78	30 - 140	73	%		
6439793	C13-344'5-TetraCB-(81)	2019/12/09	83	30 - 140	77	30 - 140	74	%		
6439793	C13-344'-TriCB-(37)	2019/12/09	85	30 - 140	83	30 - 140	77	%		
6439793	C13-44'-DiCB-(15)	2019/12/09	67	30 - 140	68	30 - 140	65	%		
6439793	C13-4-MonoCB-(3)	2019/12/09	47	15 - 140	51	15 - 140	48	%		
6439793	C13-DecaCB-(209)	2019/12/09	72	30 - 140	81	30 - 140	63	%		
6439793	C13-HexaCB-(156)+(157)	2019/12/09	93	30 - 140	94	30 - 140	77	%		
6439928	C13-2,44'-TriCB-(28)	2019/12/08	88	40 - 125	106	40 - 125	114	%		
6439928	C13-22'33'44'55'6-NonaCB-(206)	2019/12/08	89	30 - 140	96	30 - 140	100	%		
6439928	C13-22'33'44'5-HeptaCB-(170)	2019/12/08	89	30 - 140	92	30 - 140	104	%		
6439928	C13-22'33'455'66'-NonaCB-(208)	2019/12/08	83	30 - 140	90	30 - 140	100	%		
6439928	C13-22'33'55'66'-OctaCB-(202)	2019/12/08	72	30 - 140	81	30 - 140	91	%		
6439928	C13-22'33'55'6-HeptaCB-(178)	2019/12/08	94	40 - 125	100	40 - 125	110	%		
6439928	C13-22'344'55'-HeptaCB-(180)	2019/12/08	86	30 - 140	96	30 - 140	103	%		
6439928	C13-22'34'566'-HeptaCB-(188)	2019/12/08	71	30 - 140	86	30 - 140	95	%		
6439928	C13-22'44'66'-HexaCB-(155)	2019/12/08	68	30 - 140	80	30 - 140	95	%		
6439928	C13-22'466'-PentaCB-(104)	2019/12/08	73	30 - 140	84	30 - 140	94	%		
6439928	C13-22'66'-TetraCB-(54)	2019/12/08	67	30 - 140	77	30 - 140	82	%		
6439928	C13-22'6-TriCB-(19)	2019/12/08	61	30 - 140	67	30 - 140	73	%		
6439928	C13-22'-DiCB-(4)	2019/12/08	59	30 - 140	65	30 - 140	72	%		
6439928	C13-233'44'55'6-OctaCB-(205)	2019/12/08	90	30 - 140	98	30 - 140	109	%		
6439928	C13-233'44'55'-HeptaCB-(189)	2019/12/08	96	30 - 140	105	30 - 140	112	%		
6439928	C13-233'44'-PentaCB-(105)	2019/12/08	102	30 - 140	112	30 - 140	123	%		
6439928	C13-233'55'-PentaCB-(111)	2019/12/08	96	40 - 125	101	40 - 125	115	%		
6439928	C13-23'44'55'-HexaCB-(167)	2019/12/08	91	30 - 140	106	30 - 140	119	%		
6439928	C13-2344'5-PentaCB-(114)	2019/12/08	96	30 - 140	109	30 - 140	123	%		
6439928	C13-23'44'5-PentaCB-(118)	2019/12/08	101	30 - 140	115	30 - 140	124	%		
6439928	C13-2'344'5-PentaCB-(123)	2019/12/08	100	30 - 140	115	30 - 140	124	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	C13-2-MonoCB-(1)	2019/12/08	62	15 - 140	71	15 - 140	79	%		
6439928	C13-33'44'55'-HexaCB-(169)	2019/12/08	86	30 - 140	84	30 - 140	89	%		
6439928	C13-33'44'5-PentaCB-(126)	2019/12/08	104	30 - 140	115	30 - 140	115	%		
6439928	C13-33'44'-TetraCB-(77)	2019/12/08	90	30 - 140	107	30 - 140	109	%		
6439928	C13-344'5-TetraCB-(81)	2019/12/08	95	30 - 140	102	30 - 140	110	%		
6439928	C13-344'-TriCB-(37)	2019/12/08	87	30 - 140	98	30 - 140	103	%		
6439928	C13-44'-DiCB-(15)	2019/12/08	69	30 - 140	80	30 - 140	86	%		
6439928	C13-4-MonoCB-(3)	2019/12/08	59	15 - 140	72	15 - 140	74	%		
6439928	C13-DecaCB-(209)	2019/12/08	81	30 - 140	84	30 - 140	94	%		
6439928	C13-HexaCB-(156)+(157)	2019/12/08	91	30 - 140	107	30 - 140	121	%		
6442049	C13-2,44'-TriCB-(28)	2019/12/07	64	40 - 125	69	40 - 125	63	%		
6442049	C13-22'33'44'55'6-NonaCB-(206)	2019/12/07	77	30 - 140	86	30 - 140	66	%		
6442049	C13-22'33'44'5-HeptaCB-(170)	2019/12/07	81	30 - 140	86	30 - 140	69	%		
6442049	C13-22'33'455'66'-NonaCB-(208)	2019/12/07	75	30 - 140	80	30 - 140	62	%		
6442049	C13-22'33'55'66'-OctaCB-(202)	2019/12/07	84	30 - 140	95	30 - 140	61	%		
6442049	C13-22'33'55'6-HeptaCB-(178)	2019/12/07	80	40 - 125	86	40 - 125	69	%		
6442049	C13-22'344'55'-HeptaCB-(180)	2019/12/07	80	30 - 140	93	30 - 140	71	%		
6442049	C13-22'34'566'-HeptaCB-(188)	2019/12/07	71	30 - 140	77	30 - 140	58	%		
6442049	C13-22'44'66'-HexaCB-(155)	2019/12/07	75	30 - 140	87	30 - 140	53	%		
6442049	C13-22'466'-PentaCB-(104)	2019/12/07	70	30 - 140	77	30 - 140	58	%		
6442049	C13-22'66'-TetraCB-(54)	2019/12/07	66	30 - 140	72	30 - 140	50	%		
6442049	C13-22'6-TriCB-(19)	2019/12/07	51	30 - 140	65	30 - 140	45	%		
6442049	C13-22'-DiCB-(4)	2019/12/07	41	30 - 140	54	30 - 140	34	%		
6442049	C13-233'44'55'6-OctaCB-(205)	2019/12/07	73	30 - 140	78	30 - 140	68	%		
6442049	C13-233'44'55'-HeptaCB-(189)	2019/12/07	76	30 - 140	87	30 - 140	73	%		
6442049	C13-233'44'-PentaCB-(105)	2019/12/07	67	30 - 140	73	30 - 140	72	%		
6442049	C13-233'55'-PentaCB-(111)	2019/12/07	78	40 - 125	83	40 - 125	70	%		
6442049	C13-23'44'55'-HexaCB-(167)	2019/12/07	69	30 - 140	72	30 - 140	69	%		
6442049	C13-2344'5-PentaCB-(114)	2019/12/07	67	30 - 140	71	30 - 140	70	%		
6442049	C13-23'44'5-PentaCB-(118)	2019/12/07	68	30 - 140	72	30 - 140	73	%		
6442049	C13-2'344'5-PentaCB-(123)	2019/12/07	66	30 - 140	70	30 - 140	73	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	C13-2-MonoCB-(1)	2019/12/07	29	15 - 140	41	15 - 140	32	%		
6442049	C13-33'44'55'-HexaCB-(169)	2019/12/07	51	30 - 140	58	30 - 140	52	%		
6442049	C13-33'44'5-PentaCB-(126)	2019/12/07	69	30 - 140	71	30 - 140	72	%		
6442049	C13-33'44'-TetraCB-(77)	2019/12/07	72	30 - 140	75	30 - 140	70	%		
6442049	C13-344'5-TetraCB-(81)	2019/12/07	69	30 - 140	74	30 - 140	69	%		
6442049	C13-344'-TriCB-(37)	2019/12/07	66	30 - 140	74	30 - 140	64	%		
6442049	C13-44'-DiCB-(15)	2019/12/07	54	30 - 140	63	30 - 140	48	%		
6442049	C13-4-MonoCB-(3)	2019/12/07	34	15 - 140	46	15 - 140	35	%		
6442049	C13-DecaCB-(209)	2019/12/07	70	30 - 140	83	30 - 140	59	%		
6442049	C13-HexaCB-(156)+(157)	2019/12/07	69	30 - 140	76	30 - 140	70	%		
6444496	Acenaphthylene-2H8	2019/11/15	113	23 - 239	113	23 - 239	81	%		
6444496	Benz(a)anthracene-2H12	2019/11/15	101	12 - 605	106	12 - 605	83	%		
6444496	Benzo(a)pyrene-2H12	2019/11/15	105	21 - 290	100	21 - 290	90	%		
6444496	Benzo(b)fluoranthene-2H12	2019/11/15	91	24 - 159	93	24 - 159	81	%		
6444496	Benzo(g,h,i)perylene-2H12	2019/11/15	111	14 - 529	110	14 - 529	99	%		
6444496	Benzo(k)fluoranthene-2H12	2019/11/15	107	11 - 162	108	11 - 162	97	%		
6444496	Chrysene-2H12	2019/11/15	98	13 - 512	96	13 - 512	83	%		
6444496	Dibenzo(a,h)anthracene-2H14	2019/11/15	86	1 - 227	89	1 - 227	69	%		
6444496	Fluoranthene-2H10	2019/11/15	103	20 - 278	103	20 - 278	99	%		
6444496	Indeno(1,2,3-c,d)pyrene-2H12	2019/11/15	89	1 - 171	95	1 - 171	76	%		
6444496	Naphthalene-2H8	2019/11/15	129 (5)	14 - 305	120 (5)	14 - 305	94 (5)	%		
6444496	Perylene-2H12	2019/11/15	97	21 - 290	99	21 - 290	97	%		
6444496	Phenanthrene-2H10	2019/11/15	101	24 - 241	92	24 - 241	89	%		
6447761	37CL4 2378 Tetra CDD	2019/11/18	91	35 - 197	114	35 - 197	131	%		
6447761	C13-1234678 HeptaCDD	2019/11/18	77	23 - 140	83	23 - 140	94	%		
6447761	C13-1234678 HeptaCDF	2019/11/18	61	28 - 143	77	28 - 143	87	%		
6447761	C13-123478 HexaCDD	2019/11/18	80	32 - 141	99	32 - 141	109	%		
6447761	C13-123478 HexaCDF	2019/11/18	80	26 - 152	99	26 - 152	110	%		
6447761	C13-1234789 HeptaCDF	2019/11/18	64	26 - 138	79	26 - 138	94	%		
6447761	C13-123678 HexaCDD	2019/11/18	74	28 - 130	90	28 - 130	114	%		
6447761	C13-123678 HexaCDF	2019/11/18	68	26 - 123	84	26 - 123	96	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6447761	C13-12378 PentaCDD	2019/11/18	81	25 - 181	100	25 - 181	110	%		
6447761	C13-12378 PentaCDF	2019/11/18	72	24 - 185	92	24 - 185	99	%		
6447761	C13-123789 HexaCDF	2019/11/18	80	29 - 147	102	29 - 147	118	%		
6447761	C13-234678 HexaCDF	2019/11/18	70	28 - 136	90	28 - 136	98	%		
6447761	C13-23478 PentaCDF	2019/11/18	89	25 - 181	109	25 - 181	120	%		
6447761	C13-2378 TetraCDD	2019/11/18	70	25 - 164	88	25 - 164	99	%		
6447761	C13-2378 TetraCDF	2019/11/18	84	24 - 169	103	24 - 169	117	%		
6447761	C13-OCDD	2019/11/18	56	17 - 157	62	17 - 157	74	%		
6449921	37CL4 2378 Tetra CDD	2019/11/21	93	35 - 197	92	35 - 197	69	%		
6449921	C13-1234678 HeptaCDD	2019/11/21	52	23 - 140	52	23 - 140	50	%		
6449921	C13-1234678 HeptaCDF	2019/11/21	47	28 - 143	46	28 - 143	39	%		
6449921	C13-123478 HexaCDD	2019/11/21	49	32 - 141	47	32 - 141	45	%		
6449921	C13-123478 HexaCDF	2019/11/21	47	26 - 152	45	26 - 152	44	%		
6449921	C13-1234789 HeptaCDF	2019/11/21	49	26 - 138	46	26 - 138	46	%		
6449921	C13-123678 HexaCDD	2019/11/21	45	28 - 130	47	28 - 130	50	%		
6449921	C13-123678 HexaCDF	2019/11/21	38	26 - 123	42	26 - 123	40	%		
6449921	C13-12378 PentaCDD	2019/11/21	46	25 - 181	45	25 - 181	45	%		
6449921	C13-12378 PentaCDF	2019/11/21	39	24 - 185	39	24 - 185	38	%		
6449921	C13-123789 HexaCDF	2019/11/21	54	29 - 147	51	29 - 147	50	%		
6449921	C13-234678 HexaCDF	2019/11/21	44	28 - 136	44	28 - 136	43	%		
6449921	C13-23478 PentaCDF	2019/11/21	50	25 - 181	48	25 - 181	47	%		
6449921	C13-2378 TetraCDD	2019/11/21	43	25 - 164	43	25 - 164	43	%		
6449921	C13-2378 TetraCDF	2019/11/21	47	24 - 169	46	24 - 169	46	%		
6449921	C13-OCDD	2019/11/21	47	17 - 157	43	17 - 157	42	%		
6457356	37CL4 2378 Tetra CDD	2019/11/22	112	35 - 197	105	35 - 197	81	%		
6457356	C13-1234678 HeptaCDD	2019/11/22	95	23 - 140	91	23 - 140	93	%		
6457356	C13-1234678 HeptaCDF	2019/11/22	80	28 - 143	78	28 - 143	80	%		
6457356	C13-123478 HexaCDD	2019/11/22	90	32 - 141	89	32 - 141	88	%		
6457356	C13-123478 HexaCDF	2019/11/22	89	26 - 152	86	26 - 152	89	%		
6457356	C13-1234789 HeptaCDF	2019/11/22	85	26 - 138	81	26 - 138	79	%		
6457356	C13-123678 HexaCDD	2019/11/22	85	28 - 130	98	28 - 130	95	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6457356	C13-123678 HexaCDF	2019/11/22	79	26 - 123	78	26 - 123	92	%		
6457356	C13-12378 PentaCDD	2019/11/22	85	25 - 181	88	25 - 181	82	%		
6457356	C13-12378 PentaCDF	2019/11/22	74	24 - 185	79	24 - 185	75	%		
6457356	C13-123789 HexaCDF	2019/11/22	106	29 - 147	105	29 - 147	107	%		
6457356	C13-234678 HexaCDF	2019/11/22	93	28 - 136	86	28 - 136	86	%		
6457356	C13-23478 PentaCDF	2019/11/22	91	25 - 181	99	25 - 181	96	%		
6457356	C13-2378 TetraCDD	2019/11/22	95	25 - 164	91	25 - 164	95	%		
6457356	C13-2378 TetraCDF	2019/11/22	102	24 - 169	97	24 - 169	98	%		
6457356	C13-OCDD	2019/11/22	80	17 - 157	76	17 - 157	77	%		
6460728	37CL4 2378 Tetra CDD	2019/11/25	87	35 - 197	67	35 - 197	80	%		
6460728	C13-1234678 HeptaCDD	2019/11/25	87	23 - 140	62	23 - 140	81	%		
6460728	C13-1234678 HeptaCDF	2019/11/25	84	28 - 143	68	28 - 143	74	%		
6460728	C13-123478 HexaCDD	2019/11/25	72	32 - 141	54	32 - 141	64	%		
6460728	C13-123478 HexaCDF	2019/11/25	77	26 - 152	60	26 - 152	71	%		
6460728	C13-1234789 HeptaCDF	2019/11/25	84	26 - 138	61	26 - 138	66	%		
6460728	C13-123678 HexaCDD	2019/11/25	109	28 - 130	86	28 - 130	95	%		
6460728	C13-123678 HexaCDF	2019/11/25	76	26 - 123	78	26 - 123	89	%		
6460728	C13-12378 PentaCDD	2019/11/25	73	25 - 181	53	25 - 181	65	%		
6460728	C13-12378 PentaCDF	2019/11/25	71	24 - 185	54	24 - 185	59	%		
6460728	C13-123789 HexaCDF	2019/11/25	93	29 - 147	63	29 - 147	72	%		
6460728	C13-234678 HexaCDF	2019/11/25	87	28 - 136	68	28 - 136	75	%		
6460728	C13-23478 PentaCDF	2019/11/25	90	25 - 181	65	25 - 181	73	%		
6460728	C13-2378 TetraCDD	2019/11/25	84	25 - 164	68	25 - 164	77	%		
6460728	C13-2378 TetraCDF	2019/11/25	90	24 - 169	68	24 - 169	82	%		
6460728	C13-OCDD	2019/11/25	69	17 - 157	50	17 - 157	60	%		
6465491	37CL4 2378 Tetra CDD	2019/11/27	77	35 - 197	74	35 - 197	72	%		
6465491	C13-1234678 HeptaCDD	2019/11/27	77	23 - 140	69	23 - 140	78	%		
6465491	C13-1234678 HeptaCDF	2019/11/27	82	28 - 143	79	28 - 143	76	%		
6465491	C13-123478 HexaCDD	2019/11/27	72	32 - 141	60	32 - 141	58	%		
6465491	C13-123478 HexaCDF	2019/11/27	72	26 - 152	64	26 - 152	63	%		
6465491	C13-1234789 HeptaCDF	2019/11/27	81	26 - 138	78	26 - 138	70	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6465491	C13-123678 HexaCDD	2019/11/27	87	28 - 130	91	28 - 130	91	%		
6465491	C13-123678 HexaCDF	2019/11/27	68	26 - 123	62	26 - 123	65	%		
6465491	C13-12378 PentaCDD	2019/11/27	48	25 - 181	47	25 - 181	48	%		
6465491	C13-12378 PentaCDF	2019/11/27	43	24 - 185	44	24 - 185	44	%		
6465491	C13-123789 HexaCDF	2019/11/27	95	29 - 147	81	29 - 147	81	%		
6465491	C13-234678 HexaCDF	2019/11/27	86	28 - 136	69	28 - 136	69	%		
6465491	C13-23478 PentaCDF	2019/11/27	62	25 - 181	59	25 - 181	56	%		
6465491	C13-2378 TetraCDD	2019/11/27	67	25 - 164	66	25 - 164	66	%		
6465491	C13-2378 TetraCDF	2019/11/27	69	24 - 169	70	24 - 169	71	%		
6465491	C13-OCDD	2019/11/27	58	17 - 157	51	17 - 157	57	%		
6472426	37CL4 2378 Tetra CDD	2019/12/12	107	35 - 197	95	35 - 197	104	%		
6472426	C13-1234678 HeptaCDD	2019/12/12	99	23 - 140	83	23 - 140	86	%		
6472426	C13-1234678 HeptaCDF	2019/12/12	86	28 - 143	65	28 - 143	78	%		
6472426	C13-123478 HexaCDD	2019/12/12	93	32 - 141	79	32 - 141	98	%		
6472426	C13-123478 HexaCDF	2019/12/12	89	26 - 152	78	26 - 152	93	%		
6472426	C13-1234789 HeptaCDF	2019/12/12	110	26 - 138	80	26 - 138	86	%		
6472426	C13-123678 HexaCDD	2019/12/12	92	28 - 130	74	28 - 130	91	%		
6472426	C13-123678 HexaCDF	2019/12/12	80	26 - 123	69	26 - 123	85	%		
6472426	C13-12378 PentaCDD	2019/12/12	95	25 - 181	89	25 - 181	87	%		
6472426	C13-12378 PentaCDF	2019/12/12	97	24 - 185	81	24 - 185	78	%		
6472426	C13-123789 HexaCDF	2019/12/12	99	29 - 147	81	29 - 147	104	%		
6472426	C13-234678 HexaCDF	2019/12/12	85	28 - 136	70	28 - 136	84	%		
6472426	C13-23478 PentaCDF	2019/12/12	101	25 - 181	91	25 - 181	87	%		
6472426	C13-2378 TetraCDD	2019/12/12	94	25 - 164	85	25 - 164	88	%		
6472426	C13-2378 TetraCDF	2019/12/12	98	24 - 169	95	24 - 169	89	%		
6472426	C13-OCDD	2019/12/12	97	17 - 157	68	17 - 157	84	%		
6491814	C13-2,44'-TriCB-(28)	2019/12/22	75	40 - 125	80	40 - 125	91	%		
6491814	C13-22'33'44'55'6-NonaCB-(206)	2019/12/22	101	30 - 140	109	30 - 140	126	%		
6491814	C13-22'33'44'5-HeptaCB-(170)	2019/12/22	82	30 - 140	111	30 - 140	94	%		
6491814	C13-22'33'455'66'-NonaCB-(208)	2019/12/22	90	30 - 140	110	30 - 140	111	%		
6491814	C13-22'33'55'66'-OctaCB-(202)	2019/12/22	78	30 - 140	113	30 - 140	88	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	C13-22'33'55'6-HeptaCB-(178)	2019/12/22	118	40 - 125	107	40 - 125	140 (11)	%		
6491814	C13-22'344'55'-HeptaCB-(180)	2019/12/22	77	30 - 140	117	30 - 140	89	%		
6491814	C13-22'34'566'-HeptaCB-(188)	2019/12/22	90	30 - 140	92	30 - 140	94	%		
6491814	C13-22'44'66'-HexaCB-(155)	2019/12/22	91	30 - 140	94	30 - 140	105	%		
6491814	C13-22'466'-PentaCB-(104)	2019/12/22	82	30 - 140	93	30 - 140	89	%		
6491814	C13-22'66'-TetraCB-(54)	2019/12/22	81	30 - 140	97	30 - 140	91	%		
6491814	C13-22'6-TriCB-(19)	2019/12/22	66	30 - 140	72	30 - 140	68	%		
6491814	C13-22'-DiCB-(4)	2019/12/22	67	30 - 140	74	30 - 140	75	%		
6491814	C13-233'44'55'6-OctaCB-(205)	2019/12/22	98	30 - 140	90	30 - 140	100	%		
6491814	C13-233'44'55'-HeptaCB-(189)	2019/12/22	79	30 - 140	101	30 - 140	99	%		
6491814	C13-233'44'-PentaCB-(105)	2019/12/22	83	30 - 140	86	30 - 140	98	%		
6491814	C13-233'55'-PentaCB-(111)	2019/12/22	93	40 - 125	94	40 - 125	116	%		
6491814	C13-23'44'55'-HexaCB-(167)	2019/12/22	79	30 - 140	93	30 - 140	96	%		
6491814	C13-2344'5-PentaCB-(114)	2019/12/22	79	30 - 140	87	30 - 140	89	%		
6491814	C13-23'44'5-PentaCB-(118)	2019/12/22	84	30 - 140	89	30 - 140	96	%		
6491814	C13-2'344'5-PentaCB-(123)	2019/12/22	80	30 - 140	88	30 - 140	96	%		
6491814	C13-2-MonoCB-(1)	2019/12/22	54	15 - 140	55	15 - 140	55	%		
6491814	C13-33'44'55'-HexaCB-(169)	2019/12/22	42	30 - 140	96	30 - 140	52	%		
6491814	C13-33'44'5-PentaCB-(126)	2019/12/22	72	30 - 140	91	30 - 140	94	%		
6491814	C13-33'44'-TetraCB-(77)	2019/12/22	74	30 - 140	87	30 - 140	87	%		
6491814	C13-344'5-TetraCB-(81)	2019/12/22	73	30 - 140	83	30 - 140	90	%		
6491814	C13-344'-TriCB-(37)	2019/12/22	67	30 - 140	78	30 - 140	80	%		
6491814	C13-44'-DiCB-(15)	2019/12/22	59	30 - 140	62	30 - 140	64	%		
6491814	C13-4-MonoCB-(3)	2019/12/22	52	15 - 140	55	15 - 140	56	%		
6491814	C13-DecaCB-(209)	2019/12/22	116	30 - 140	123	30 - 140	138	%		
6491814	C13-HexaCB-(156)+(157)	2019/12/22	81	30 - 140	97	30 - 140	103	%		
6507189	Acenaphthylene-2H8	2019/12/31	43	23 - 239	38	23 - 239	48	%		
6507189	Benz(a)anthracene-2H12	2019/12/31	53	12 - 605	43	12 - 605	47	%		
6507189	Benzo(a)pyrene-2H12	2019/12/31	47	21 - 290	46	21 - 290	44	%		
6507189	Benzo(b)fluoranthene-2H12	2019/12/31	46	24 - 159	43	24 - 159	49	%		
6507189	Benzo(g,h,i)perylene-2H12	2019/12/31	52	14 - 529	56	14 - 529	54	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6507189	Benzo(k)fluoranthene-2H12	2019/12/31	53	11 - 162	47	11 - 162	53	%		
6507189	Chrysene-2H12	2019/12/31	50	13 - 512	44	13 - 512	46	%		
6507189	Dibenzo(a,h)anthracene-2H14	2019/12/31	40	1 - 227	39	1 - 227	46	%		
6507189	Fluoranthene-2H10	2019/12/31	52	20 - 278	48	20 - 278	54	%		
6507189	Indeno(1,2,3-c,d)pyrene-2H12	2019/12/31	41	1 - 171	38	1 - 171	43	%		
6507189	Naphthalene-2H8	2019/12/31	40 (31)	14 - 305	39 (31)	14 - 305	47 (31)	%		
6507189	Perylene-2H12	2019/12/31	50	21 - 290	44	21 - 290	44	%		
6507189	Phenanthrene-2H10	2019/12/31	50	24 - 241	46	24 - 241	45	%		
6511431	Acenaphthylene-2H8	2019/12/25	97	23 - 239	93	23 - 239	19 (11)	%		
6511431	Benz(a)anthracene-2H12	2019/12/25	79	12 - 605	86	12 - 605	66	%		
6511431	Benzo(a)pyrene-2H12	2019/12/25	103	21 - 290	102	21 - 290	32	%		
6511431	Benzo(b)fluoranthene-2H12	2019/12/25	65	24 - 159	82	24 - 159	73	%		
6511431	Benzo(g,h,i)perylene-2H12	2019/12/25	67	14 - 529	87	14 - 529	79	%		
6511431	Benzo(k)fluoranthene-2H12	2019/12/25	106	11 - 162	108	11 - 162	90	%		
6511431	Chrysene-2H12	2019/12/25	91	13 - 512	91	13 - 512	100	%		
6511431	Dibenzo(a,h)anthracene-2H14	2019/12/25	65	1 - 227	68	1 - 227	68	%		
6511431	Fluoranthene-2H10	2019/12/25	99	20 - 278	105	20 - 278	103	%		
6511431	Indeno(1,2,3-c,d)pyrene-2H12	2019/12/25	72	1 - 171	74	1 - 171	68	%		
6511431	Naphthalene-2H8	2019/12/25	86 (5)	14 - 305	86 (5)	14 - 305	67 (5)	%		
6511431	Perylene-2H12	2019/12/25	82	21 - 290	89	21 - 290	52	%		
6511431	Phenanthrene-2H10	2019/12/25	91	24 - 241	83	24 - 241	100	%		
6520612	Acenaphthylene-2H8	2020/01/03	92	23 - 239	98	23 - 239	97	%		
6520612	Benz(a)anthracene-2H12	2020/01/03	101	12 - 605	91	12 - 605	82	%		
6520612	Benzo(a)pyrene-2H12	2020/01/03	102	21 - 290	117	21 - 290	112	%		
6520612	Benzo(b)fluoranthene-2H12	2020/01/03	97	24 - 159	102	24 - 159	99	%		
6520612	Benzo(g,h,i)perylene-2H12	2020/01/03	116	14 - 529	112	14 - 529	109	%		
6520612	Benzo(k)fluoranthene-2H12	2020/01/03	111	11 - 162	118	11 - 162	111	%		
6520612	Chrysene-2H12	2020/01/03	104	13 - 512	90	13 - 512	96	%		
6520612	Dibenzo(a,h)anthracene-2H14	2020/01/03	88	1 - 227	89	1 - 227	96	%		
6520612	Fluoranthene-2H10	2020/01/03	106	20 - 278	96	20 - 278	93	%		
6520612	Indeno(1,2,3-c,d)pyrene-2H12	2020/01/03	89	1 - 171	90	1 - 171	97	%		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6520612	Naphthalene-2H8	2020/01/03	91 (31)	14 - 305	99 (31)	14 - 305	95 (31)	%		
6520612	Perylene-2H12	2020/01/03	104	21 - 290	89	21 - 290	111	%		
6520612	Phenanthrene-2H10	2020/01/03	90	24 - 241	80	24 - 241	79	%		
6523817	Acenaphthylene-2H8	2020/01/16	77	23 - 239	85	23 - 239	89	%		
6523817	Benz(a)anthracene-2H12	2020/01/16	92	12 - 605	92	12 - 605	89	%		
6523817	Benzo(a)pyrene-2H12	2020/01/16	97	21 - 290	98	21 - 290	96	%		
6523817	Benzo(b)fluoranthene-2H12	2020/01/16	95	24 - 159	85	24 - 159	85	%		
6523817	Benzo(g,h,i)perylene-2H12	2020/01/16	84	14 - 529	105	14 - 529	92	%		
6523817	Benzo(k)fluoranthene-2H12	2020/01/16	102	11 - 162	97	11 - 162	97	%		
6523817	Chrysene-2H12	2020/01/16	81	13 - 512	84	13 - 512	79	%		
6523817	Dibenzo(a,h)anthracene-2H14	2020/01/16	67	1 - 227	89	1 - 227	60	%		
6523817	Fluoranthene-2H10	2020/01/16	101	20 - 278	96	20 - 278	98	%		
6523817	Indeno(1,2,3-c,d)pyrene-2H12	2020/01/16	85	1 - 171	93	1 - 171	85	%		
6523817	Naphthalene-2H8	2020/01/16	80 (31)	14 - 305	106 (31)	14 - 305	102 (31)	%		
6523817	Perylene-2H12	2020/01/16	98	21 - 290	100	21 - 290	99	%		
6523817	Phenanthrene-2H10	2020/01/16	91	24 - 241	96	24 - 241	96	%		
6335434	2,3-DiCB-(5)	2019/09/17					<0.00067	ng/g	NC	30
6335434	2,3'-DiCB-(6)	2019/09/17					<0.00054	ng/g	NC	30
6335434	2,4-DiCB-(7)	2019/09/17					<0.00054	ng/g	NC	30
6335434	2,4'-DiCB-(8)	2019/09/17					0.00098, RDL=0.0099	ng/g	NC	30
6335434	2,5-DiCB-(9)	2019/09/17					<0.00051	ng/g	NC	30
6335434	2,6-DiCB-(10)	2019/09/17					<0.00088	ng/g	NC	30
6335434	22'33'44'55'6-NonaCB-(206)	2019/09/17	85	50 - 150	88	50 - 150	<0.0014	ng/g	3.7	30
6335434	22'33'44'55'-OctaCB-(194)	2019/09/17					<0.0013	ng/g	4.0	30
6335434	22'33'44'566'-NonaCB-(207)	2019/09/17					<0.0013	ng/g	NC	30
6335434	22'33'44'56-OctaCB-(195)	2019/09/17					<0.0014	ng/g	3.5	30
6335434	22'33'44'56'-OctaCB-(196)	2019/09/17					<0.0027	ng/g	0.52	30
6335434	22'33'44'5-HeptaCB-(170)	2019/09/17	NC (2)	50 - 150	93	50 - 150	0.0028, RDL=0.0099	ng/g	1.6	30
6335434	22'33'44'66'OctaCB-(197)	2019/09/17					<0.0017	ng/g	0.58	30
6335434	22'33'455'66'-NonaCB-(208)	2019/09/17	98	50 - 150	92	50 - 150	<0.0015	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	22'33'455'-HeptaCB-(172)	2019/09/17					<0.0015	ng/g	2.8	30
6335434	22'33'4566'-OctaCB-(200)	2019/09/17					<0.0015	ng/g	NC (4)	30
6335434	22'33'45'66'-OctaCB-(201)	2019/09/17					<0.0016	ng/g	0.22	30
6335434	22'33'456'-HeptaCB-(174)	2019/09/17					0.0022, RDL=0.0099	ng/g	4.4	30
6335434	22'33'45'6-HeptaCB-(175)	2019/09/17					<0.00095	ng/g	7.0	30
6335434	22'33'45'6'-HeptaCB-(177)	2019/09/17					<0.0029 (4)	ng/g	0.28	30
6335434	22'33'45'-HexaCB-(130)	2019/09/17					<0.0024	ng/g	0.016	30
6335434	22'33'466'-HeptaCB-(176)	2019/09/17					<0.00066	ng/g	3.8	30
6335434	22'33'46-HexaCB-(131)	2019/09/17					<0.0022	ng/g	5.3	30
6335434	22'33'46'-HexaCB-(132)	2019/09/17					0.0037, RDL=0.0099	ng/g	1.7	30
6335434	22'33'4-PentaCB-(82)	2019/09/17					<0.00070	ng/g	0.78	30
6335434	22'33'55'66'-OctaCB-(202)	2019/09/17	89	50 - 150	91	50 - 150	<0.0017	ng/g	3.0	30
6335434	22'33'55'6-HeptaCB-(178)	2019/09/17					0.00206, RDL=0.0099	ng/g	1.5	30
6335434	22'33'55'-HexaCB-(133)	2019/09/17					<0.0019	ng/g	2.1	30
6335434	22'33'566'-HeptaCB-(179)	2019/09/17					0.00159, RDL=0.0099	ng/g	0.012	30
6335434	22'33'66'-HexaCB-(136)	2019/09/17					<0.00096 (4)	ng/g	0.034	30
6335434	22'33'6-PentaCB-(84)	2019/09/17					<0.0018 (4)	ng/g	3.3	30
6335434	22'344'55'6-OctaCB-(203)	2019/09/17					<0.0023	ng/g	2.6	30
6335434	22'344'566'-OctaCB-(204)	2019/09/17					<0.0016	ng/g	NC	30
6335434	22'344'56-HeptaCB-(181)	2019/09/17					<0.0013	ng/g	NC	30
6335434	22'344'56'-HeptaCB-(182)	2019/09/17	69	50 - 150	82	50 - 150	<0.00097	ng/g	NC	30
6335434	22'344'5'6-HeptaCB-(183)	2019/09/17					0.0029, RDL=0.0099	ng/g	0.39	30
6335434	22'344'5-HexaCB-(137)	2019/09/17					<0.0024	ng/g	5.6	30
6335434	22'344'66'-HeptaCB-(184)	2019/09/17					<0.00058	ng/g	NC	30
6335434	22'3455'6-HeptaCB-(185)	2019/09/17					<0.0013	ng/g	NC	30
6335434	22'34'55'6-HeptaCB-(187)	2019/09/17	NC	50 - 150	91	50 - 150	0.0116, RDL=0.0099 (3)	ng/g	0.038	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	22'3455'-HexaCB-(141)	2019/09/17					<0.0018	ng/g	15	30
6335434	22'34'55'-HexaCB-(146)	2019/09/17					0.0078, RDL=0.0099	ng/g	1.5	30
6335434	22'34566'-HeptaCB-(186)	2019/09/17					<0.00066	ng/g	NC	30
6335434	22'34'566'-HeptaCB-(188)	2019/09/17	94	50 - 150	90	50 - 150	<0.00086	ng/g	NC	30
6335434	22'3456-HexaCB-(142)	2019/09/17					<0.0021	ng/g	NC	30
6335434	22'345'6-HexaCB-(144)	2019/09/17					<0.0011	ng/g	4.8	30
6335434	22'34'56'-HexaCB-(148)	2019/09/17					<0.0010	ng/g	NC	30
6335434	22'3466'-HexaCB-(145)	2019/09/17					<0.00073	ng/g	NC	30
6335434	22'34'66'-HexaCB-(150)	2019/09/17					<0.00068	ng/g	NC	30
6335434	22'346'-PentaCB-(89)	2019/09/17					<0.00063	ng/g	NC	30
6335434	22'34'-TetraCB-(42)	2019/09/17					0.0017, RDL=0.0099	ng/g	1.9	30
6335434	22'355'-PentaCB-(92)	2019/09/17					0.00513, RDL=0.0099	ng/g	2.1	30
6335434	22'3566'-HexaCB-(152)	2019/09/17					<0.00067	ng/g	NC	30
6335434	22'356'-PentaCB-(94)	2019/09/17					<0.00059	ng/g	NC	30
6335434	22'35'6-PentaCB-(95)	2019/09/17					0.00802, RDL=0.0099	ng/g	1.7	30
6335434	22'35-TetraCB-(43)	2019/09/17					<0.00095	ng/g	NC	30
6335434	22'366'-PentaCB-(96)	2019/09/17					<0.00026	ng/g	NC	30
6335434	22'36'-TetraCB-(46)	2019/09/17					<0.00095	ng/g	NC	30
6335434	22'3-TriCB-(16)	2019/09/17					<0.0014	ng/g	4.6	30
6335434	22'44'56'-HexaCB-(154)	2019/09/17					<0.00089	ng/g	1.4	30
6335434	22'44'66'-HexaCB-(155)	2019/09/17	95	50 - 150	88	50 - 150	<0.00086	ng/g	NC	30
6335434	22'45'6-PentaCB-(103)	2019/09/17					<0.00052	ng/g	3.0	30
6335434	22'45-TetraCB-(48)	2019/09/17					0.00121, RDL=0.0099	ng/g	1.3	30
6335434	22'466'-PentaCB-(104)	2019/09/17	92	50 - 150	87	50 - 150	<0.00027	ng/g	NC	30
6335434	22'4-TriCB-(17)	2019/09/17					<0.0011	ng/g	4.5	30
6335434	22'55'-TetraCB-(52)	2019/09/17					0.0200, RDL=0.0099 (3)	ng/g	1.2	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	22'66'-TetraCB-(54)	2019/09/17	89	50 - 150	86	50 - 150	<0.00027	ng/g	NC	30
6335434	22'6-TriCB-(19)	2019/09/17	95	50 - 150	90	50 - 150	<0.0010	ng/g	NC	30
6335434	22'-DiCB-(4)	2019/09/17	101	50 - 150	95	50 - 150	<0.0011	ng/g	NC	30
6335434	233'44'55'6-OctaCB-(205)	2019/09/17	91	50 - 150	93	50 - 150	<0.0011	ng/g	NC	30
6335434	233'44'55'-HeptaCB-(189)	2019/09/17	88	50 - 150	86	50 - 150	<0.00080	ng/g	4.6	30
6335434	233'44'56-HeptaCB-(190)	2019/09/17					<0.0012	ng/g	2.5	30
6335434	233'44'5'6-HeptaCB-(191)	2019/09/17					<0.0012	ng/g	5.6	30
6335434	233'44'6-HexaCB-(158)	2019/09/17					<0.0017 (4)	ng/g	0.071	30
6335434	233'44'-PentaCB-(105)	2019/09/17	NC (2)	50 - 150	98	50 - 150	0.0108, RDL=0.0099	ng/g	0.32	30
6335434	233'455'6-HeptaCB-(192)	2019/09/17					<0.0012	ng/g	NC	30
6335434	233'455'-HexaCB-(159)	2019/09/17					<0.00089	ng/g	NC	30
6335434	233'4'55'-HexaCB-(162)	2019/09/17					<0.00087	ng/g	2.6	30
6335434	233'456-HexaCB-(160)	2019/09/17					<0.0016	ng/g	NC	30
6335434	233'45'6-HexaCB-(161)	2019/09/17					<0.0014	ng/g	NC	30
6335434	233'4'5'6-HexaCB-(164)	2019/09/17					<0.0013	ng/g	19	30
6335434	233'45-PentaCB-(106)	2019/09/17					<0.00099	ng/g	NC	30
6335434	233'4'5-PentaCB-(107)	2019/09/17					0.0026, RDL=0.0099	ng/g	0.60	30
6335434	233'4'5'-PentaCB-(122)	2019/09/17					<0.0012	ng/g	2.1	30
6335434	233'4'-Tetra CB(56)	2019/09/17					0.00210, RDL=0.0099	ng/g	1.4	30
6335434	233'4-TetraCB-(55)	2019/09/17					<0.00071	ng/g	NC	30
6335434	233'55'6-HexaCB-(165)	2019/09/17					<0.0016	ng/g	NC	30
6335434	233'55'-PentaCB-(111)	2019/09/17					<0.00044	ng/g	NC	30
6335434	233'56-PentaCB-(112)	2019/09/17					<0.00040	ng/g	NC	30
6335434	233'5-TetraCB-(57)	2019/09/17					<0.00071	ng/g	NC	30
6335434	233'5'-TetraCB-(58)	2019/09/17					<0.00070	ng/g	NC	30
6335434	23'44'55'-HexaCB-(167)	2019/09/17	NC	50 - 150	91	50 - 150	<0.0011 (4)	ng/g	0.23	30
6335434	2344'5-PentaCB-(114)	2019/09/17	147	50 - 150	93	50 - 150	<0.0011	ng/g	2.6	30
6335434	23'44'5-PentaCB-(118)	2019/09/17	NC (2)	50 - 150	115	50 - 150	0.0262, RDL=0.0099	ng/g	0.70	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	23'44'5'-PentaCB-(123)	2019/09/17	198 (2)	50 - 150	99	50 - 150	<0.0012	ng/g	14	30
6335434	2344'-TetraCB -(60)	2019/09/17					0.00435, RDL=0.0099	ng/g	0.070	30
6335434	23'44'-TetraCB-(66)	2019/09/17					0.0145, RDL=0.0099 (3)	ng/g	0.91	30
6335434	23'455'-PentaCB-(120)	2019/09/17					<0.00047	ng/g	NC	30
6335434	23'45'6-PentaCB-(121)	2019/09/17					<0.00044	ng/g	NC	30
6335434	234'5-TetraCB-(63)	2019/09/17					<0.00067	ng/g	0.73	30
6335434	23'45-TetraCB-(67)	2019/09/17					<0.00055	ng/g	NC	30
6335434	23'45'-TetraCB-(68)	2019/09/17					<0.00069	ng/g	0.028	30
6335434	234'6-TetraCB-(64)	2019/09/17					0.00479, RDL=0.0099	ng/g	1.4	30
6335434	234'-TriCB-(22)	2019/09/17					0.00123, RDL=0.0099	ng/g	1.5	30
6335434	23'4-TriCB-(25)	2019/09/17					<0.00062	ng/g	NC	30
6335434	23'55'-TetraCB-(72)	2019/09/17					<0.00069	ng/g	4.4	30
6335434	23'5'6-TetraCB-(73)	2019/09/17					<0.00070	ng/g	NC	30
6335434	235-TriCB-(23)	2019/09/17	85	50 - 150	77	50 - 150	<0.00064	ng/g	NC	30
6335434	23'5'-TriCB-(34)	2019/09/17	90	50 - 150	80	50 - 150	<0.00074	ng/g	NC	30
6335434	236-TriCB-(24)	2019/09/17					<0.00073	ng/g	NC	30
6335434	23'6-TriCB-(27)	2019/09/17					<0.00084	ng/g	NC	30
6335434	24'5-TriCB-(31)	2019/09/17					0.00450, RDL=0.0099	ng/g	1.1	30
6335434	24'6-TriCB-(32)	2019/09/17					<0.00072	ng/g	NC	30
6335434	2-MonoCB-(1)	2019/09/17	93	50 - 150	94	50 - 150	<0.00043	ng/g	NC	30
6335434	3,3'-DiCB-(11)	2019/09/17					0.00402, RDL=0.0099	ng/g	NC	30
6335434	3,5-DiCB-(14)	2019/09/17					<0.00057	ng/g	NC	30
6335434	33'44'55'-HexaCB-(169)	2019/09/17	127	50 - 150	88	50 - 150	<0.00097	ng/g	NC	30
6335434	33'44'5-PentaCB-(126)	2019/09/17	383 (2)	50 - 150	91	50 - 150	<0.0010	ng/g	NC	30
6335434	33'44'-TetraCB-(77)	2019/09/17	102	50 - 150	87	50 - 150	<0.00080	ng/g	3.9	30
6335434	33'455'-PentaCB-(127)	2019/09/17					<0.0011	ng/g	5.8	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	33'45-TetraCB-(78)	2019/09/17					<0.00073	ng/g	NC	30
6335434	33'45'-TetraCB(79)	2019/09/17					<0.00058	ng/g	19	30
6335434	33'4-TriCB-(35)	2019/09/17					<0.00075	ng/g	NC	30
6335434	33'55'-TetraCB-(80)	2019/09/17					<0.00061	ng/g	NC	30
6335434	33'5-TriCB-(36)	2019/09/17					<0.00057	ng/g	NC	30
6335434	344'5-TetraCB-(81)	2019/09/17	114	50 - 150	92	50 - 150	<0.00080	ng/g	NC	30
6335434	344'-TriCB-(37)	2019/09/17	96	50 - 150	86	50 - 150	<0.00094	ng/g	NC	30
6335434	345-TriCB-(38)	2019/09/17					<0.00063	ng/g	NC	30
6335434	34'5-TriCB-(39)	2019/09/17					<0.00064	ng/g	NC	30
6335434	3-MonoCB-(2)	2019/09/17					<0.00042	ng/g	NC	30
6335434	4,4'-DiCB-(15)	2019/09/17	97	50 - 150	91	50 - 150	<0.00076	ng/g	NC	30
6335434	4-MonoCB-(3)	2019/09/17	95	50 - 150	87	50 - 150	<0.00041	ng/g	NC	30
6335434	DecaCB-(209)	2019/09/17	86	50 - 150	86	50 - 150	<0.0016	ng/g	NC	30
6335434	DiCB-(12)+(13)	2019/09/17					<0.00057	ng/g	NC	30
6335434	HeptaCB-(171)+(173)	2019/09/17					0.0016, RDL=0.020	ng/g	0.52	30
6335434	HeptaCB-(180)+(193)	2019/09/17	NC (2)	50 - 150	86	50 - 150	0.0088, RDL=0.020	ng/g	0.36	30
6335434	HexaCB-(128)+(166)	2019/09/17	NC	N/A	88	N/A	0.0051, RDL=0.020	ng/g	4.0	30
6335434	HexaCB-(129)+(138)+(163)	2019/09/17					0.0419, RDL=0.030	ng/g	2.3	30
6335434	HexaCB-(134)+(143)	2019/09/17					<0.0021	ng/g	19	30
6335434	HexaCB-(135)+(151)	2019/09/17					0.0066, RDL=0.020	ng/g	0.070	30
6335434	HexaCB-(139)+(140)	2019/09/17					<0.0018	ng/g	1.9	30
6335434	HexaCB-(147)+(149)	2019/09/17					0.0168, RDL=0.020	ng/g	2.8	30
6335434	HexaCB-(153)+(168)	2019/09/17					0.0422, RDL=0.0099	ng/g	1.7	30
6335434	HexaCB-(156)+(157)	2019/09/17	NC	50 - 150	91	50 - 150	0.00287, RDL=0.020	ng/g	2.5	30
6335434	OctaCB-(198)+(199)	2019/09/17					<0.0025	ng/g	1.9	30

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6335434	PentaCB-(108)+(124)	2019/09/17					<0.0010	ng/g	1.7	30
6335434	PentaCB-(110)+(115)	2019/09/17					0.0185, RDL=0.020	ng/g	2.9	30
6335434	PentaCB-(83)+(99)	2019/09/17					0.0254, RDL=0.020 (3)	ng/g	1.3	30
6335434	PentaCB-(85)+(116)+(117)	2019/09/17					0.00609, RDL=0.030	ng/g	2.6	30
6335434	PentaCB-(86)(87)(97)(109)(119)(125)	2019/09/17					0.0110, RDL=0.060	ng/g	1.7	30
6335434	PentaCB-(88)+(91)	2019/09/17					<0.0020 (4)	ng/g	2.9	30
6335434	PentaCB-(90)+(101)+(113)	2019/09/17	NC	N/A	107	N/A	0.0262, RDL=0.030	ng/g	1.9	30
6335434	PentaCB-(93)+(98)+(100)+(102)	2019/09/17					<0.00056	ng/g	NC	30
6335434	TetraCB-(40)+(41)+(71)	2019/09/17					0.00264, RDL=0.030	ng/g	1.8	30
6335434	TetraCB-(44)+(47)+(65)	2019/09/17					0.0106, RDL=0.030	ng/g	1.1	30
6335434	TetraCB-(45)+(51)	2019/09/17					<0.00082	ng/g	NC	30
6335434	TetraCB-(49)+TetraCB-(69)	2019/09/17					0.00625, RDL=0.020	ng/g	2.8	30
6335434	TetraCB-(50)+(53)	2019/09/17					<0.00079	ng/g	NC	30
6335434	TetraCB-(59)+(62)+(75)	2019/09/17					<0.00064	ng/g	0.71	30
6335434	TetraCB-(61)+(70)+(74)+(76)	2019/09/17					0.0229, RDL=0.040	ng/g	0.90	30
6335434	TriCB-(18)+(30)	2019/09/17					0.00193, RDL=0.020	ng/g	1.1	30
6335434	TriCB-(20) + (28)	2019/09/17					0.00631, RDL=0.020	ng/g	0.16	30
6335434	TriCB-(21)+(33)	2019/09/17					0.00106, RDL=0.020	ng/g	NC	30
6335434	TriCB-(26)+(29)	2019/09/17					<0.00065	ng/g	1.5	30
6343502	Acenaphthene	2019/10/02	NC (6)	50 - 150	100	60 - 140	0.359, RDL=0.50	ng/g	8.0	50
6343502	Acenaphthylene	2019/10/02	78	50 - 150	105	60 - 140	0.070, RDL=0.50	ng/g	14	50

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6343502	Anthracene	2019/10/02	54	50 - 150	77	60 - 140	<0.061	ng/g	69 (7)	50
6343502	Benzo(a)anthracene	2019/10/02	69	50 - 150	87	60 - 140	<0.036	ng/g	NC	50
6343502	Benzo(a)pyrene	2019/10/02	89	50 - 150	97	60 - 140	<0.092	ng/g	NC	50
6343502	Benzo(b/j)fluoranthene	2019/10/02	86	50 - 150	93	60 - 140	<0.065	ng/g	NC	50
6343502	Benzo(g,h,i)perylene	2019/10/02	88	50 - 150	90	60 - 140	<0.051	ng/g	NC	50
6343502	Benzo(k)fluoranthene	2019/10/02	76	50 - 150	68	60 - 140	<0.054	ng/g	NC	50
6343502	Chrysene	2019/10/02	95	50 - 150	89	60 - 140	<0.037	ng/g	20	50
6343502	Dibenzo(a,h)anthracene	2019/10/02	74	50 - 150	85	60 - 140	<0.062	ng/g	NC	50
6343502	Fluoranthene	2019/10/02	75	50 - 150	97	60 - 140	0.086, RDL=0.50	ng/g	5.1	50
6343502	Fluorene	2019/10/02	62	50 - 150	85	60 - 140	0.189, RDL=0.50	ng/g	1.1	50
6343502	Indeno(1,2,3-cd)pyrene	2019/10/02	76	50 - 150	83	60 - 140	<0.037	ng/g	NC	50
6343502	Naphthalene	2019/10/02	78	50 - 150	123	60 - 140	1.29, RDL=0.50	ng/g	16	50
6343502	Phenanthrene	2019/10/02	67	50 - 150	97	60 - 140	0.277, RDL=0.50	ng/g	5.5	50
6343502	Pyrene	2019/10/02	84	50 - 150	106	60 - 140	0.090, RDL=0.50	ng/g	8.6	50
6354007	1,2,3,4,6,7,8-Hepta CDD	2019/10/04	112	70 - 140	110	70 - 140	<0.135, EDL=0.135	pg/g	NC	25
6354007	1,2,3,4,6,7,8-Hepta CDF	2019/10/04	116	82 - 122	107	82 - 122	<0.141, EDL=0.141	pg/g	NC	25
6354007	1,2,3,4,7,8,9-Hepta CDF	2019/10/04	112	78 - 138	105	78 - 138	<0.140, EDL=0.140	pg/g	NC	25
6354007	1,2,3,4,7,8-Hexa CDD	2019/10/04	111	70 - 164	108	70 - 164	<0.104, EDL=0.104	pg/g	NC	25
6354007	1,2,3,4,7,8-Hexa CDF	2019/10/04	118	72 - 134	114	72 - 134	<0.124, EDL=0.124	pg/g	NC	25
6354007	1,2,3,6,7,8-Hexa CDD	2019/10/04	110	76 - 134	110	76 - 134	<0.107, EDL=0.107	pg/g	NC	25
6354007	1,2,3,6,7,8-Hexa CDF	2019/10/04	129	84 - 130	114	84 - 130	<0.128, EDL=0.128	pg/g	NC	25
6354007	1,2,3,7,8,9-Hexa CDD	2019/10/04	124	64 - 162	125	64 - 162	<0.110, EDL=0.110	pg/g	NC	25
6354007	1,2,3,7,8,9-Hexa CDF	2019/10/04	104	78 - 130	101	78 - 130	<0.127, EDL=0.127	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6354007	1,2,3,7,8-Penta CDD	2019/10/04	127	25 - 181	121	25 - 181	<0.133, EDL=0.133	pg/g	NC	25
6354007	1,2,3,7,8-Penta CDF	2019/10/04	106	80 - 134	107	80 - 134	<0.140, EDL=0.140	pg/g	NC	25
6354007	2,3,4,6,7,8-Hexa CDF	2019/10/04	111	70 - 156	109	70 - 156	<0.117, EDL=0.117	pg/g	NC	25
6354007	2,3,4,7,8-Penta CDF	2019/10/04	114	68 - 160	110	68 - 160	<0.131, EDL=0.131	pg/g	NC	25
6354007	2,3,7,8-Tetra CDD	2019/10/04	125	67 - 158	117	67 - 158	<0.146, EDL=0.146	pg/g	NC	25
6354007	2,3,7,8-Tetra CDF	2019/10/04	118	75 - 158	119	75 - 158	<0.130, EDL=0.130	pg/g	NC	25
6354007	Octa CDD	2019/10/04	115	78 - 144	117	78 - 144	<0.184, EDL=0.184	pg/g	NC (4)	25
6354007	Octa CDF	2019/10/04	126	63 - 170	124	63 - 170	<0.188, EDL=0.188	pg/g	NC	25
6354007	Total Hepta CDD	2019/10/04					<0.135, EDL=0.135	pg/g	NC	25
6354007	Total Hepta CDF	2019/10/04					<0.141, EDL=0.141	pg/g	NC	25
6354007	Total Hexa CDD	2019/10/04					<0.108, EDL=0.108	pg/g	NC	25
6354007	Total Hexa CDF	2019/10/04					<0.124, EDL=0.124	pg/g	NC	25
6354007	Total Penta CDD	2019/10/04					<0.133, EDL=0.133	pg/g	NC	25
6354007	Total Penta CDF	2019/10/04					<0.135, EDL=0.135	pg/g	NC (4)	25
6354007	Total Tetra CDD	2019/10/04					<0.146, EDL=0.146	pg/g	NC	25
6354007	Total Tetra CDF	2019/10/04					<0.130, EDL=0.130	pg/g	24	25
6360913	2,3-DiCB-(5)	2019/09/30					<0.0032	ng/g		
6360913	2,3'-DiCB-(6)	2019/09/30					<0.0026	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	2,4-DiCB-(7)	2019/09/30					<0.0026	ng/g		
6360913	2,4'-DiCB-(8)	2019/09/30					<0.0023	ng/g		
6360913	2,5-DiCB-(9)	2019/09/30					<0.0026	ng/g		
6360913	2,6-DiCB-(10)	2019/09/30					<0.0011	ng/g		
6360913	22'33'44'55'6-NonaCB-(206)	2019/09/30	100	50 - 150	95	50 - 150	<0.0019	ng/g		
6360913	22'33'44'55'-OctaCB-(194)	2019/09/30					<0.0030	ng/g		
6360913	22'33'44'566'-NonaCB-(207)	2019/09/30					<0.0016	ng/g		
6360913	22'33'44'56-OctaCB-(195)	2019/09/30					<0.0031	ng/g		
6360913	22'33'44'56'-OctaCB-(196)	2019/09/30					<0.0036	ng/g		
6360913	22'33'44'5-HeptaCB-(170)	2019/09/30	163 (8)	50 - 150	107	50 - 150	<0.0027	ng/g		
6360913	22'33'44'66'OctaCB-(197)	2019/09/30					<0.0022	ng/g		
6360913	22'33'455'66'-NonaCB-(208)	2019/09/30	100	50 - 150	100	50 - 150	<0.0019	ng/g		
6360913	22'33'455'-HeptaCB-(172)	2019/09/30					<0.0036	ng/g		
6360913	22'33'4566'-OctaCB-(200)	2019/09/30					<0.0025	ng/g		
6360913	22'33'45'66'-OctaCB-(201)	2019/09/30					<0.0024	ng/g		
6360913	22'33'456'-HeptaCB-(174)	2019/09/30					<0.0030	ng/g		
6360913	22'33'45'6-HeptaCB-(175)	2019/09/30					<0.0020	ng/g		
6360913	22'33'45'6'-HeptaCB-(177)	2019/09/30					<0.0034	ng/g		
6360913	22'33'45'-HexaCB-(130)	2019/09/30					<0.0027	ng/g		
6360913	22'33'466'-HeptaCB-(176)	2019/09/30					<0.0014	ng/g		
6360913	22'33'46-HexaCB-(131)	2019/09/30					<0.0028	ng/g		
6360913	22'33'46'-HexaCB-(132)	2019/09/30					0.0040, RDL=0.0099	ng/g		
6360913	22'33'4-PentaCB-(82)	2019/09/30					<0.0032	ng/g		
6360913	22'33'55'66'-OctaCB-(202)	2019/09/30	106	50 - 150	102	50 - 150	<0.0030	ng/g		
6360913	22'33'55'6-HeptaCB-(178)	2019/09/30					<0.0020	ng/g		
6360913	22'33'55'-HexaCB-(133)	2019/09/30					<0.0025	ng/g		
6360913	22'33'566'-HeptaCB-(179)	2019/09/30					<0.0014	ng/g		
6360913	22'33'66'-HexaCB-(136)	2019/09/30					<0.00068	ng/g		
6360913	22'33'6-PentaCB-(84)	2019/09/30					<0.0030	ng/g		
6360913	22'344'55'6-OctaCB-(203)	2019/09/30					<0.0032	ng/g		
6360913	22'344'566'-OctaCB-(204)	2019/09/30					<0.0025	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	22'344'56-HeptaCB-(181)	2019/09/30					<0.0032	ng/g		
6360913	22'344'56'-HeptaCB-(182)	2019/09/30	91	50 - 150	87	50 - 150	<0.0019	ng/g		
6360913	22'344'5'6-HeptaCB-(183)	2019/09/30					<0.0032	ng/g		
6360913	22'344'5-HexaCB-(137)	2019/09/30					<0.0024	ng/g		
6360913	22'344'66'-HeptaCB-(184)	2019/09/30					<0.0013	ng/g		
6360913	22'3455'6-HeptaCB-(185)	2019/09/30					<0.0032	ng/g		
6360913	22'34'55'6-HeptaCB-(187)	2019/09/30	328 (8)	50 - 150	93	50 - 150	0.0115, RDL=0.0099	ng/g		
6360913	22'3455'-HexaCB-(141)	2019/09/30					<0.0024	ng/g		
6360913	22'34'55'-HexaCB-(146)	2019/09/30					<0.0068 (4)	ng/g		
6360913	22'34566'-HeptaCB-(186)	2019/09/30					<0.0014	ng/g		
6360913	22'34'566'-HeptaCB-(188)	2019/09/30	105	50 - 150	104	50 - 150	<0.0023	ng/g		
6360913	22'3456-HexaCB-(142)	2019/09/30					<0.0026	ng/g		
6360913	22'345'6-HexaCB-(144)	2019/09/30					<0.0010	ng/g		
6360913	22'34'56'-HexaCB-(148)	2019/09/30					<0.00097	ng/g		
6360913	22'3466'-HexaCB-(145)	2019/09/30					<0.00071	ng/g		
6360913	22'34'66'-HexaCB-(150)	2019/09/30					<0.00060	ng/g		
6360913	22'346'-PentaCB-(89)	2019/09/30					<0.0030	ng/g		
6360913	22'34'-TetraCB-(42)	2019/09/30					0.0019, RDL=0.0099	ng/g		
6360913	22'355'-PentaCB-(92)	2019/09/30					<0.0055 (4)	ng/g		
6360913	22'3566'-HexaCB-(152)	2019/09/30					<0.00068	ng/g		
6360913	22'356'-PentaCB-(94)	2019/09/30					<0.0028	ng/g		
6360913	22'35'6-PentaCB-(95)	2019/09/30					0.0082, RDL=0.0099	ng/g		
6360913	22'35-TetraCB-(43)	2019/09/30					<0.0022	ng/g		
6360913	22'366'-PentaCB-(96)	2019/09/30					<0.00030	ng/g		
6360913	22'36'-TetraCB-(46)	2019/09/30					<0.0016	ng/g		
6360913	22'3-TriCB-(16)	2019/09/30					<0.0026	ng/g		
6360913	22'44'56'-HexaCB-(154)	2019/09/30					<0.00083	ng/g		
6360913	22'44'66'-HexaCB-(155)	2019/09/30	103	50 - 150	99	50 - 150	<0.0011	ng/g		
6360913	22'45'6-PentaCB-(103)	2019/09/30					<0.0024	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	22'45-TetraCB-(48)	2019/09/30					<0.0014	ng/g		
6360913	22'466'-PentaCB-(104)	2019/09/30	100	50 - 150	99	50 - 150	<0.00043	ng/g		
6360913	22'4-TriCB-(17)	2019/09/30					<0.0021	ng/g		
6360913	22'55'-TetraCB-(52)	2019/09/30					0.0185, RDL=0.0099	ng/g		
6360913	22'66'-TetraCB-(54)	2019/09/30	96	50 - 150	99	50 - 150	<0.00046	ng/g		
6360913	22'6-TriCB-(19)	2019/09/30	105	50 - 150	99	50 - 150	<0.0023	ng/g		
6360913	22'-DiCB-(4)	2019/09/30	107	50 - 150	109	50 - 150	<0.0018	ng/g		
6360913	233'44'55'6-OctaCB-(205)	2019/09/30	111	50 - 150	102	50 - 150	<0.0023	ng/g		
6360913	233'44'55'-HeptaCB-(189)	2019/09/30	101	50 - 150	102	50 - 150	<0.0015	ng/g		
6360913	233'44'56-HeptaCB-(190)	2019/09/30					<0.0028	ng/g		
6360913	233'44'5'6-HeptaCB-(191)	2019/09/30					<0.0027	ng/g		
6360913	233'44'6-HexaCB-(158)	2019/09/30					<0.0017	ng/g		
6360913	233'44'-PentaCB-(105)	2019/09/30	NC (8)	50 - 150	112	50 - 150	<0.0093 (4)	ng/g		
6360913	233'455'6-HeptaCB-(192)	2019/09/30					<0.0029	ng/g		
6360913	233'455'-HexaCB-(159)	2019/09/30					<0.0033	ng/g		
6360913	233'4'55'-HexaCB-(162)	2019/09/30					<0.0030	ng/g		
6360913	233'456-HexaCB-(160)	2019/09/30					<0.0020	ng/g		
6360913	233'45'6-HexaCB-(161)	2019/09/30					<0.0019	ng/g		
6360913	233'4'5'6-HexaCB-(164)	2019/09/30					<0.0019	ng/g		
6360913	233'45-PentaCB-(106)	2019/09/30					<0.0021	ng/g		
6360913	233'4'5-PentaCB-(107)	2019/09/30					<0.0022	ng/g		
6360913	233'4'5'-PentaCB-(122)	2019/09/30					<0.0027	ng/g		
6360913	233'4'-Tetra CB(56)	2019/09/30					<0.0021	ng/g		
6360913	233'4-TetraCB-(55)	2019/09/30					<0.0019	ng/g		
6360913	233'55'6-HexaCB-(165)	2019/09/30					<0.0020	ng/g		
6360913	233'55'-PentaCB-(111)	2019/09/30					<0.0021	ng/g		
6360913	233'56-PentaCB-(112)	2019/09/30					<0.0020	ng/g		
6360913	233'5-TetraCB-(57)	2019/09/30					<0.0019	ng/g		
6360913	233'5'-TetraCB-(58)	2019/09/30					<0.0018	ng/g		
6360913	23'44'55'-HexaCB-(167)	2019/09/30	138	50 - 150	105	50 - 150	<0.0028	ng/g		
6360913	2344'5-PentaCB-(114)	2019/09/30	113	50 - 150	107	50 - 150	<0.0024	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	23'44'5-PentaCB-(118)	2019/09/30	NC (8)	50 - 150	126	50 - 150	0.0261, RDL=0.0099	ng/g		
6360913	23'44'5'-PentaCB-(123)	2019/09/30	134	50 - 150	107	50 - 150	<0.0026	ng/g		
6360913	2344'-TetraCB -(60)	2019/09/30					0.0035, RDL=0.0099	ng/g		
6360913	23'44'-TetraCB-(66)	2019/09/30					0.0144, RDL=0.0099	ng/g		
6360913	23'455'-PentaCB-(120)	2019/09/30					<0.0022	ng/g		
6360913	23'45'6-PentaCB-(121)	2019/09/30					<0.0021	ng/g		
6360913	234'5-TetraCB-(63)	2019/09/30					<0.0018	ng/g		
6360913	23'45-TetraCB-(67)	2019/09/30					<0.0016	ng/g		
6360913	23'45'-TetraCB-(68)	2019/09/30					<0.0016	ng/g		
6360913	234'6-TetraCB-(64)	2019/09/30					0.0049, RDL=0.0099	ng/g		
6360913	234'-TriCB-(22)	2019/09/30					<0.0015	ng/g		
6360913	23'4-TriCB-(25)	2019/09/30					<0.0014	ng/g		
6360913	23'55'-TetraCB-(72)	2019/09/30					<0.0017	ng/g		
6360913	23'5'6-TetraCB-(73)	2019/09/30					<0.00096	ng/g		
6360913	235-TriCB-(23)	2019/09/30	110	50 - 150	99	50 - 150	<0.0015	ng/g		
6360913	23'5'-TriCB-(34)	2019/09/30	81	50 - 150	85	50 - 150	<0.0014	ng/g		
6360913	236-TriCB-(24)	2019/09/30					<0.0016	ng/g		
6360913	23'6-TriCB-(27)	2019/09/30					<0.0014	ng/g		
6360913	24'5-TriCB-(31)	2019/09/30					0.0053, RDL=0.0099	ng/g		
6360913	24'6-TriCB-(32)	2019/09/30					<0.0014	ng/g		
6360913	2-MonoCB-(1)	2019/09/30	111	50 - 150	111	50 - 150	<0.0012	ng/g		
6360913	3,3'-DiCB-(11)	2019/09/30					0.0043, RDL=0.0099	ng/g		
6360913	3,5-DiCB-(14)	2019/09/30					<0.0028	ng/g		
6360913	33'44'55'-HexaCB-(169)	2019/09/30	113	50 - 150	108	50 - 150	<0.0030	ng/g		
6360913	33'44'5-PentaCB-(126)	2019/09/30	161 (8)	50 - 150	115	50 - 150	<0.0023	ng/g		
6360913	33'44'-TetraCB-(77)	2019/09/30	123	50 - 150	105	50 - 150	<0.0019	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	33'455'-PentaCB-(127)	2019/09/30					<0.0023	ng/g		
6360913	33'45-TetraCB-(78)	2019/09/30					<0.0019	ng/g		
6360913	33'45'-TetraCB(79)	2019/09/30					<0.0016	ng/g		
6360913	33'4-TriCB-(35)	2019/09/30					<0.0016	ng/g		
6360913	33'55'-TetraCB-(80)	2019/09/30					<0.0016	ng/g		
6360913	33'5-TriCB-(36)	2019/09/30					<0.0013	ng/g		
6360913	344'5-TetraCB-(81)	2019/09/30	115	50 - 150	104	50 - 150	<0.0019	ng/g		
6360913	344'-TriCB-(37)	2019/09/30	104	50 - 150	103	50 - 150	<0.0017	ng/g		
6360913	345-TriCB-(38)	2019/09/30					<0.0014	ng/g		
6360913	34'5-TriCB-(39)	2019/09/30					<0.0014	ng/g		
6360913	3-MonoCB-(2)	2019/09/30					<0.0010	ng/g		
6360913	4,4'-DiCB-(15)	2019/09/30	112	50 - 150	111	50 - 150	<0.0035	ng/g		
6360913	4-MonoCB-(3)	2019/09/30	102	50 - 150	108	50 - 150	<0.0011	ng/g		
6360913	DecaCB-(209)	2019/09/30	97	50 - 150	101	50 - 150	<0.0018	ng/g		
6360913	DiCB-(12)+(13)	2019/09/30					<0.0028	ng/g		
6360913	HeptaCB-(171)+(173)	2019/09/30					<0.0034	ng/g		
6360913	HeptaCB-(180)+(193)	2019/09/30	260 (8)	50 - 150	94	50 - 150	0.0091, RDL=0.020	ng/g		
6360913	HexaCB-(128)+(166)	2019/09/30	176 (8)	N/A	95	N/A	<0.0053 (9)	ng/g		
6360913	HexaCB-(129)+(138)+(163)	2019/09/30					0.0400, RDL=0.030	ng/g		
6360913	HexaCB-(134)+(143)	2019/09/30					<0.0027	ng/g		
6360913	HexaCB-(135)+(151)	2019/09/30					0.0065, RDL=0.020	ng/g		
6360913	HexaCB-(139)+(140)	2019/09/30					<0.0022	ng/g		
6360913	HexaCB-(147)+(149)	2019/09/30					0.0157, RDL=0.020	ng/g		
6360913	HexaCB-(153)+(168)	2019/09/30					0.0362, RDL=0.0099	ng/g		
6360913	HexaCB-(156)+(157)	2019/09/30	134	50 - 150	104	50 - 150	<0.0030	ng/g		
6360913	OctaCB-(198)+(199)	2019/09/30					<0.0034	ng/g		
6360913	PentaCB-(108)+(124)	2019/09/30					<0.0024	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6360913	PentaCB-(110)+(115)	2019/09/30					0.0215, RDL=0.020	ng/g		
6360913	PentaCB-(83)+(99)	2019/09/30					0.0232, RDL=0.020	ng/g		
6360913	PentaCB-(85)+(116)+(117)	2019/09/30					0.0055, RDL=0.030	ng/g		
6360913	PentaCB-(86)(87)(97)(109)(119)(125)	2019/09/30					0.0111, RDL=0.060	ng/g		
6360913	PentaCB-(88)+(91)	2019/09/30					<0.0027	ng/g		
6360913	PentaCB-(90)+(101)+(113)	2019/09/30	533 (8)	N/A	102	N/A	0.0265, RDL=0.030	ng/g		
6360913	PentaCB-(93)+(98)+(100)+(102)	2019/09/30					<0.0026	ng/g		
6360913	TetraCB-(40)+(41)+(71)	2019/09/30					0.0029, RDL=0.030	ng/g		
6360913	TetraCB-(44)+(47)+(65)	2019/09/30					0.0110, RDL=0.030	ng/g		
6360913	TetraCB-(45)+(51)	2019/09/30					<0.0014	ng/g		
6360913	TetraCB-(49)+TetraCB-(69)	2019/09/30					0.0064, RDL=0.020	ng/g		
6360913	TetraCB-(50)+(53)	2019/09/30					<0.0013	ng/g		
6360913	TetraCB-(59)+(62)+(75)	2019/09/30					<0.0011	ng/g		
6360913	TetraCB-(61)+(70)+(74)+(76)	2019/09/30					0.0226, RDL=0.040	ng/g		
6360913	TriCB-(18)+(30)	2019/09/30					0.0020, RDL=0.020	ng/g		
6360913	TriCB-(20) + (28)	2019/09/30					0.0071, RDL=0.020	ng/g		
6360913	TriCB-(21)+(33)	2019/09/30					<0.0014	ng/g		
6360913	TriCB-(26)+(29)	2019/09/30					<0.0014	ng/g		
6365830	1,2,3,4,6,7,8-Hepta CDD	2019/10/24	100	70 - 140	104	70 - 140	<0.119, EDL=0.119	pg/g	NC	25
6365830	1,2,3,4,6,7,8-Hepta CDF	2019/10/24	115	82 - 122	105	82 - 122	<0.107, EDL=0.107	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6365830	1,2,3,4,7,8,9-Hepta CDF	2019/10/24	117	78 - 138	118	78 - 138	<0.107, EDL=0.107	pg/g	NC	25
6365830	1,2,3,4,7,8-Hexa CDD	2019/10/24	103	70 - 164	97	70 - 164	<0.0994, EDL=0.0994	pg/g	NC	25
6365830	1,2,3,4,7,8-Hexa CDF	2019/10/24	101	72 - 134	102	72 - 134	<0.102, EDL=0.102	pg/g	NC	25
6365830	1,2,3,6,7,8-Hexa CDD	2019/10/24	106	76 - 134	104	76 - 134	<0.102, EDL=0.102	pg/g	NC	25
6365830	1,2,3,6,7,8-Hexa CDF	2019/10/24	105	84 - 130	107	84 - 130	<0.105, EDL=0.105	pg/g	NC	25
6365830	1,2,3,7,8,9-Hexa CDD	2019/10/24	108	64 - 162	100	64 - 162	<0.106, EDL=0.106	pg/g	NC	25
6365830	1,2,3,7,8,9-Hexa CDF	2019/10/24	109	78 - 130	104	78 - 130	<0.105, EDL=0.105	pg/g	NC	25
6365830	1,2,3,7,8-Penta CDD	2019/10/24	105	25 - 181	103	25 - 181	<0.170, EDL=0.170	pg/g	NC (4)	25
6365830	1,2,3,7,8-Penta CDF	2019/10/24	111	80 - 134	111	80 - 134	<0.129, EDL=0.129	pg/g	NC	25
6365830	2,3,4,6,7,8-Hexa CDF	2019/10/24	117	70 - 156	116	70 - 156	<0.0966, EDL=0.0966	pg/g	NC	25
6365830	2,3,4,7,8-Penta CDF	2019/10/24	103	68 - 160	101	68 - 160	<0.121, EDL=0.121	pg/g	NC	25
6365830	2,3,7,8-Tetra CDD	2019/10/24	87	67 - 158	85	67 - 158	<0.128, EDL=0.128	pg/g	NC	25
6365830	2,3,7,8-Tetra CDF	2019/10/24	97	75 - 158	97	75 - 158	<0.135, EDL=0.135	pg/g	13	25
6365830	Octa CDD	2019/10/24	108	78 - 144	102	78 - 144	<0.142, EDL=0.142	pg/g	NC	25
6365830	Octa CDF	2019/10/24	91	63 - 170	93	63 - 170	<0.183, EDL=0.183	pg/g	NC	25
6365830	Total Hepta CDD	2019/10/24					<0.119, EDL=0.119	pg/g	NC	25
6365830	Total Hepta CDF	2019/10/24					<0.107, EDL=0.107	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6365830	Total Hexa CDD	2019/10/24					<0.104, EDL=0.104	pg/g	NC	25
6365830	Total Hexa CDF	2019/10/24					<0.102, EDL=0.102	pg/g	NC	25
6365830	Total Penta CDD	2019/10/24					<0.170, EDL=0.170	pg/g	NC	25
6365830	Total Penta CDF	2019/10/24					<0.125, EDL=0.125	pg/g	NC	25
6365830	Total Tetra CDD	2019/10/24					<0.128, EDL=0.128	pg/g	7.2	25
6365830	Total Tetra CDF	2019/10/24					<0.135, EDL=0.135	pg/g	10	25
6371121	Confirmation 2,3,7,8-Tetra CDF	2019/10/04					<0.088, EDL=0.088	pg/g		
6380277	Acenaphthene	2019/10/12	122	50 - 150	100	60 - 140	0.338, RDL=0.50	ng/g	8.2	50
6380277	Acenaphthylene	2019/10/12	113	50 - 150	101	60 - 140	0.077, RDL=0.50	ng/g	NC	50
6380277	Anthracene	2019/10/12	121	50 - 150	98	60 - 140	<0.098	ng/g	42	50
6380277	Benzo(a)anthracene	2019/10/12	93	50 - 150	86	60 - 140	<0.050	ng/g	NC	50
6380277	Benzo(a)pyrene	2019/10/12	89	50 - 150	82	60 - 140	<0.077	ng/g	NC	50
6380277	Benzo(b/j)fluoranthene	2019/10/12	106	50 - 150	85	60 - 140	<0.054	ng/g	NC	50
6380277	Benzo(g,h,i)perylene	2019/10/12	90	50 - 150	78	60 - 140	<0.056	ng/g	NC	50
6380277	Benzo(k)fluoranthene	2019/10/12	88	50 - 150	86	60 - 140	<0.054	ng/g	NC	50
6380277	Chrysene	2019/10/12	102	50 - 150	94	60 - 140	<0.054	ng/g	NC	50
6380277	Dibenzo(a,h)anthracene	2019/10/12	86	50 - 150	82	60 - 140	<0.090	ng/g	NC	50
6380277	Fluoranthene	2019/10/12	115	50 - 150	89	60 - 140	0.094, RDL=0.50	ng/g	NC	50
6380277	Fluorene	2019/10/12	127	50 - 150	113	60 - 140	0.253, RDL=0.50	ng/g	11	50
6380277	Indeno(1,2,3-cd)pyrene	2019/10/12	89	50 - 150	86	60 - 140	<0.065	ng/g	NC	50
6380277	Naphthalene	2019/10/12	106	50 - 150	158 (10)	60 - 140	2.63, RDL=0.50	ng/g	4.9	50
6380277	Phenanthrene	2019/10/12	109	50 - 150	114	60 - 140	0.383, RDL=0.50	ng/g	7.0	50
6380277	Pyrene	2019/10/12	123	50 - 150	104	60 - 140	0.089, RDL=0.50	ng/g	NC	50
6387256	2,3-DiCB-(5)	2019/10/15					<0.0015	ng/g	NC	30
6387256	2,3'-DiCB-(6)	2019/10/15					<0.0015	ng/g	NC (4)	30
6387256	2,4-DiCB-(7)	2019/10/15					<0.0015	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	2,4'-DiCB-(8)	2019/10/15					<0.0016	ng/g	NC	30
6387256	2,5-DiCB-(9)	2019/10/15					<0.0014	ng/g	NC	30
6387256	2,6-DiCB-(10)	2019/10/15					<0.00070	ng/g	NC	30
6387256	22'33'44'55'6-NonaCB-(206)	2019/10/15			99	50 - 150	<0.0028	ng/g	NC	30
6387256	22'33'44'55'-OctaCB-(194)	2019/10/15					<0.0034	ng/g	3.7	30
6387256	22'33'44'566'-NonaCB-(207)	2019/10/15					<0.0024	ng/g	NC	30
6387256	22'33'44'56-OctaCB-(195)	2019/10/15					<0.0038	ng/g	1.7	30
6387256	22'33'44'56'-OctaCB-(196)	2019/10/15					<0.0027	ng/g	12	30
6387256	22'33'44'5-HeptaCB-(170)	2019/10/15			99	50 - 150	<0.0027	ng/g	6.4	30
6387256	22'33'44'66'OctaCB-(197)	2019/10/15					<0.0020	ng/g	NC	30
6387256	22'33'455'66'-NonaCB-(208)	2019/10/15			104	50 - 150	<0.0029	ng/g	NC	30
6387256	22'33'455'-HeptaCB-(172)	2019/10/15					<0.0039	ng/g	7.3	30
6387256	22'33'4566'-OctaCB-(200)	2019/10/15					<0.0015	ng/g	NC	30
6387256	22'33'45'66'-OctaCB-(201)	2019/10/15					<0.0019	ng/g	9.2	30
6387256	22'33'456'-HeptaCB-(174)	2019/10/15					<0.0033	ng/g	9.6	30
6387256	22'33'45'6-HeptaCB-(175)	2019/10/15					<0.0016	ng/g	6.9	30
6387256	22'33'45'6'-HeptaCB-(177)	2019/10/15					<0.0036	ng/g	1.1	30
6387256	22'33'45'-HexaCB-(130)	2019/10/15					<0.0031	ng/g	26	30
6387256	22'33'466'-HeptaCB-(176)	2019/10/15					<0.0012	ng/g	15	30
6387256	22'33'46-HexaCB-(131)	2019/10/15					<0.0031	ng/g	21	30
6387256	22'33'46'-HexaCB-(132)	2019/10/15					0.0044, RDL=0.0099	ng/g	13	30
6387256	22'33'4-PentaCB-(82)	2019/10/15					<0.0035	ng/g	4.9	30
6387256	22'33'55'66'-OctaCB-(202)	2019/10/15			105	50 - 150	<0.0022	ng/g	0.77	30
6387256	22'33'55'6-HeptaCB-(178)	2019/10/15					<0.0016	ng/g	15	30
6387256	22'33'55'-HexaCB-(133)	2019/10/15					<0.0027	ng/g	18	30
6387256	22'33'566'-HeptaCB-(179)	2019/10/15					<0.0012	ng/g	10	30
6387256	22'33'66'-HexaCB-(136)	2019/10/15					<0.00078	ng/g	11	30
6387256	22'33'6-PentaCB-(84)	2019/10/15					<0.0032	ng/g	0.13	30
6387256	22'344'55'6-OctaCB-(203)	2019/10/15					<0.0023	ng/g	9.2	30
6387256	22'344'566'-OctaCB-(204)	2019/10/15					<0.0019	ng/g	NC	30
6387256	22'344'56-HeptaCB-(181)	2019/10/15					<0.0033	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	22'344'56'-HeptaCB-(182)	2019/10/15					<0.0016	ng/g	NC	30
6387256	22'344'5'6-HeptaCB-(183)	2019/10/15					0.0042, RDL=0.0099	ng/g	1.8	30
6387256	22'344'5-HexaCB-(137)	2019/10/15					<0.0032	ng/g	1.9	30
6387256	22'344'66'-HeptaCB-(184)	2019/10/15					<0.0011	ng/g	NC	30
6387256	22'3455'6-HeptaCB-(185)	2019/10/15					<0.0035	ng/g	7.1	30
6387256	22'34'55'6-HeptaCB-(187)	2019/10/15					0.0119, RDL=0.0099	ng/g	12	30
6387256	22'3455'-HexaCB-(141)	2019/10/15					<0.0027	ng/g	32 (11)	30
6387256	22'34'55'-HexaCB-(146)	2019/10/15					0.0071, RDL=0.0099	ng/g	17	30
6387256	22'34566'-HeptaCB-(186)	2019/10/15					<0.0012	ng/g	NC	30
6387256	22'34'566'-HeptaCB-(188)	2019/10/15			96	50 - 150	<0.0018	ng/g	NC	30
6387256	22'3456-HexaCB-(142)	2019/10/15					<0.0029	ng/g	NC	30
6387256	22'345'6-HexaCB-(144)	2019/10/15					<0.0011	ng/g	12	30
6387256	22'34'56'-HexaCB-(148)	2019/10/15					<0.0011	ng/g	NC	30
6387256	22'3466'-HexaCB-(145)	2019/10/15					<0.00083	ng/g	NC	30
6387256	22'34'66'-HexaCB-(150)	2019/10/15					<0.00072	ng/g	NC	30
6387256	22'346'-PentaCB-(89)	2019/10/15					<0.0032	ng/g	NC	30
6387256	22'34'-TetraCB-(42)	2019/10/15					<0.0039	ng/g	4.4	30
6387256	22'355'-PentaCB-(92)	2019/10/15					0.0057, RDL=0.0099	ng/g	4.8	30
6387256	22'3566'-HexaCB-(152)	2019/10/15					<0.00075	ng/g	NC	30
6387256	22'356'-PentaCB-(94)	2019/10/15					<0.0030	ng/g	NC	30
6387256	22'35'6-PentaCB-(95)	2019/10/15					0.0094, RDL=0.0099	ng/g	5.5	30
6387256	22'35-TetraCB-(43)	2019/10/15					<0.0035	ng/g	0.56	30
6387256	22'366'-PentaCB-(96)	2019/10/15					<0.00064	ng/g	NC	30
6387256	22'36'-TetraCB-(46)	2019/10/15					<0.0037	ng/g	NC	30
6387256	22'3-TriCB-(16)	2019/10/15					<0.0022	ng/g	NC	30
6387256	22'44'56'-HexaCB-(154)	2019/10/15					<0.00096	ng/g	12	30
6387256	22'44'66'-HexaCB-(155)	2019/10/15			95	50 - 150	<0.0013	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	22'45'6-PentaCB-(103)	2019/10/15					<0.0027	ng/g	NC	30
6387256	22'45-TetraCB-(48)	2019/10/15					<0.0034	ng/g	0.072	30
6387256	22'466'-PentaCB-(104)	2019/10/15			96	50 - 150	<0.00096	ng/g	NC	30
6387256	22'4-TriCB-(17)	2019/10/15					<0.0018	ng/g	NC	30
6387256	22'55'-TetraCB-(52)	2019/10/15					0.0206, RDL=0.0099	ng/g	5.4	30
6387256	22'66'-TetraCB-(54)	2019/10/15			96	50 - 150	<0.00082	ng/g	NC	30
6387256	22'6-TriCB-(19)	2019/10/15			96	50 - 150	<0.0021	ng/g	NC	30
6387256	22'-DiCB-(4)	2019/10/15			98	50 - 150	<0.0012	ng/g	NC	30
6387256	233'44'55'6-OctaCB-(205)	2019/10/15			104	50 - 150	<0.0027	ng/g	NC	30
6387256	233'44'55'-HeptaCB-(189)	2019/10/15			103	50 - 150	<0.0029	ng/g	3.2	30
6387256	233'44'56-HeptaCB-(190)	2019/10/15					<0.0029	ng/g	4.7	30
6387256	233'44'5'6-HeptaCB-(191)	2019/10/15					<0.0029	ng/g	4.1	30
6387256	233'44'6-HexaCB-(158)	2019/10/15					<0.0019	ng/g	11	30
6387256	233'44'-PentaCB-(105)	2019/10/15			107	50 - 150	0.0104, RDL=0.0099	ng/g	3.3	30
6387256	233'455'6-HeptaCB-(192)	2019/10/15					<0.0030	ng/g	NC	30
6387256	233'455'-HexaCB-(159)	2019/10/15					<0.0022	ng/g	NC	30
6387256	233'4'55'-HexaCB-(162)	2019/10/15					<0.0022	ng/g	1.4	30
6387256	233'456-HexaCB-(160)	2019/10/15					<0.0024	ng/g	NC	30
6387256	233'45'6-HexaCB-(161)	2019/10/15					<0.0020	ng/g	NC	30
6387256	233'4'5'6-HexaCB-(164)	2019/10/15					<0.0019	ng/g	7.9	30
6387256	233'45-PentaCB-(106)	2019/10/15					<0.0026	ng/g	NC	30
6387256	233'4'5-PentaCB-(107)	2019/10/15					<0.0026	ng/g	4.5	30
6387256	233'4'5'-PentaCB-(122)	2019/10/15					<0.0031	ng/g	16	30
6387256	233'4'-Tetra CB(56)	2019/10/15					<0.0028	ng/g	4.5	30
6387256	233'4-TetraCB-(55)	2019/10/15					<0.0026	ng/g	NC	30
6387256	233'55'6-HexaCB-(165)	2019/10/15					<0.0022	ng/g	NC	30
6387256	233'55'-PentaCB-(111)	2019/10/15					<0.0021	ng/g	NC	30
6387256	233'56-PentaCB-(112)	2019/10/15					<0.0021	ng/g	NC	30
6387256	233'5-TetraCB-(57)	2019/10/15					<0.0027	ng/g	NC	30
6387256	233'5'-TetraCB-(58)	2019/10/15					<0.0025	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	23'44'55'-HexaCB-(167)	2019/10/15			98	50 - 150	<0.0020	ng/g	10	30
6387256	2344'5-PentaCB-(114)	2019/10/15			107	50 - 150	<0.0027	ng/g	9.9	30
6387256	23'44'5-PentaCB-(118)	2019/10/15			130	50 - 150	0.0241, RDL=0.0099	ng/g	3.3	30
6387256	23'44'5'-PentaCB-(123)	2019/10/15			111	50 - 150	<0.0029	ng/g	4.3	30
6387256	2344'-TetraCB -(60)	2019/10/15					<0.0035 (4)	ng/g	6.8	30
6387256	23'44'-TetraCB-(66)	2019/10/15					0.0147, RDL=0.0099	ng/g	2.2	30
6387256	23'455'-PentaCB-(120)	2019/10/15					<0.0023	ng/g	NC (4)	30
6387256	23'45'6-PentaCB-(121)	2019/10/15					<0.0022	ng/g	NC	30
6387256	234'5-TetraCB-(63)	2019/10/15					<0.0025	ng/g	8.3	30
6387256	23'45-TetraCB-(67)	2019/10/15					<0.0021	ng/g	NC	30
6387256	23'45'-TetraCB-(68)	2019/10/15					<0.0023	ng/g	NC	30
6387256	234'6-TetraCB-(64)	2019/10/15					<0.0040 (4)	ng/g	8.1	30
6387256	234'-TriCB-(22)	2019/10/15					<0.0015	ng/g	2.5	30
6387256	23'4-TriCB-(25)	2019/10/15					<0.0013	ng/g	NC	30
6387256	23'55'-TetraCB-(72)	2019/10/15					<0.0024	ng/g	2.8	30
6387256	23'5'6-TetraCB-(73)	2019/10/15					<0.0027	ng/g	NC	30
6387256	235-TriCB-(23)	2019/10/15			90	50 - 150	<0.0015	ng/g	NC	30
6387256	23'5'-TriCB-(34)	2019/10/15			80	50 - 150	<0.0015	ng/g	NC	30
6387256	236-TriCB-(24)	2019/10/15					<0.0014	ng/g	NC	30
6387256	23'6-TriCB-(27)	2019/10/15					<0.0012	ng/g	NC	30
6387256	24'5-TriCB-(31)	2019/10/15					<0.0048 (4)	ng/g	2.3	30
6387256	24'6-TriCB-(32)	2019/10/15					<0.0012	ng/g	NC	30
6387256	2-MonoCB-(1)	2019/10/15			99	50 - 150	<0.0011	ng/g	NC	30
6387256	3,3'-DiCB-(11)	2019/10/15					<0.0016	ng/g	NC	30
6387256	3,5-DiCB-(14)	2019/10/15					<0.0015	ng/g	NC	30
6387256	33'44'55'-HexaCB-(169)	2019/10/15			98	50 - 150	<0.0021	ng/g	NC	30
6387256	33'44'5-PentaCB-(126)	2019/10/15			103	50 - 150	<0.0026	ng/g	NC	30
6387256	33'44'-TetraCB-(77)	2019/10/15			99	50 - 150	<0.0026	ng/g	3.3	30
6387256	33'455'-PentaCB-(127)	2019/10/15					<0.0027	ng/g	NC	30
6387256	33'45-TetraCB-(78)	2019/10/15					<0.0027	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	33'45'-TetraCB(79)	2019/10/15					<0.0021	ng/g	NC	30
6387256	33'4-TriCB-(35)	2019/10/15					<0.0016	ng/g	NC	30
6387256	33'55'-TetraCB-(80)	2019/10/15					<0.0023	ng/g	NC (4)	30
6387256	33'5-TriCB-(36)	2019/10/15					<0.0013	ng/g	NC	30
6387256	344'5-TetraCB-(81)	2019/10/15			99	50 - 150	<0.0025	ng/g	NC	30
6387256	344'-TriCB-(37)	2019/10/15			93	50 - 150	<0.0018	ng/g	6.8	30
6387256	345-TriCB-(38)	2019/10/15					<0.0014	ng/g	NC	30
6387256	34'5-TriCB-(39)	2019/10/15					<0.0014	ng/g	NC	30
6387256	3-MonoCB-(2)	2019/10/15					<0.0010	ng/g	NC	30
6387256	4,4'-DiCB-(15)	2019/10/15			97	50 - 150	<0.0018	ng/g	NC	30
6387256	4-MonoCB-(3)	2019/10/15			127	50 - 150	<0.0010	ng/g	NC	30
6387256	DecaCB-(209)	2019/10/15			99	50 - 150	<0.0022	ng/g	NC	30
6387256	DiCB-(12)+(13)	2019/10/15					<0.0015	ng/g	NC	30
6387256	HeptaCB-(171)+(173)	2019/10/15					<0.0036	ng/g	1.1	30
6387256	HeptaCB-(180)+(193)	2019/10/15			96	50 - 150	0.0083, RDL=0.020	ng/g	3.0	30
6387256	HexaCB-(128)+(166)	2019/10/15					0.0042, RDL=0.020	ng/g	16	30
6387256	HexaCB-(129)+(138)+(163)	2019/10/15					0.0366, RDL=0.030	ng/g	17	30
6387256	HexaCB-(134)+(143)	2019/10/15					<0.0030	ng/g	14	30
6387256	HexaCB-(135)+(151)	2019/10/15					0.0059, RDL=0.020	ng/g	14	30
6387256	HexaCB-(139)+(140)	2019/10/15					<0.0024	ng/g	NC	30
6387256	HexaCB-(147)+(149)	2019/10/15					0.0147, RDL=0.020	ng/g	15	30
6387256	HexaCB-(153)+(168)	2019/10/15					0.0360, RDL=0.0099	ng/g	15	30
6387256	HexaCB-(156)+(157)	2019/10/15			103	50 - 150	<0.0021	ng/g	2.9	30
6387256	OctaCB-(198)+(199)	2019/10/15					<0.0026	ng/g	1.3	30
6387256	PentaCB-(108)+(124)	2019/10/15					<0.0027	ng/g	0.29	30
6387256	PentaCB-(110)+(115)	2019/10/15					0.0172, RDL=0.020	ng/g	8.8	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6387256	PentaCB-(83)+(99)	2019/10/15					0.0215, RDL=0.020	ng/g	7.2	30
6387256	PentaCB-(85)+(116)+(117)	2019/10/15					0.0069, RDL=0.030	ng/g	10	30
6387256	PentaCB-(86)(87)(97)(109)(119)(125)	2019/10/15					0.0116, RDL=0.060	ng/g	0.67	30
6387256	PentaCB-(88)+(91)	2019/10/15					<0.0028	ng/g	1.5	30
6387256	PentaCB-(90)+(101)+(113)	2019/10/15					0.0227, RDL=0.030	ng/g	6.9	30
6387256	PentaCB-(93)+(98)+(100)+(102)	2019/10/15					<0.0029	ng/g	NC	30
6387256	TetraCB-(40)+(41)+(71)	2019/10/15					<0.0034	ng/g	13	30
6387256	TetraCB-(44)+(47)+(65)	2019/10/15					0.0105, RDL=0.030	ng/g	6.6	30
6387256	TetraCB-(45)+(51)	2019/10/15					<0.0033	ng/g	NC	30
6387256	TetraCB-(49)+TetraCB-(69)	2019/10/15					0.0061, RDL=0.020	ng/g	10	30
6387256	TetraCB-(50)+(53)	2019/10/15					<0.0031	ng/g	NC	30
6387256	TetraCB-(59)+(62)+(75)	2019/10/15					<0.0024	ng/g	NC	30
6387256	TetraCB-(61)+(70)+(74)+(76)	2019/10/15					0.0255, RDL=0.040	ng/g	3.4	30
6387256	TriCB-(18)+(30)	2019/10/15					<0.0015	ng/g	4.6	30
6387256	TriCB-(20) + (28)	2019/10/15					0.0067, RDL=0.020	ng/g	1.6	30
6387256	TriCB-(21)+(33)	2019/10/15					<0.0014	ng/g	NC	30
6387256	TriCB-(26)+(29)	2019/10/15					<0.0014	ng/g	NC	30
6404691	Acenaphthene	2019/11/01	108	50 - 150	97	60 - 140	0.338, RDL=0.50	ng/g	NC	50
6404691	Acenaphthylene	2019/11/01	94	50 - 150	97	60 - 140	0.103, RDL=0.50	ng/g	NC	50
6404691	Anthracene	2019/11/01	69	50 - 150	87	60 - 140	<0.067	ng/g	21 (12)	50
6404691	Benzo(a)anthracene	2019/11/01	91	50 - 150	94	60 - 140	<0.052	ng/g	NC	50
6404691	Benzo(a)pyrene	2019/11/01	100	50 - 150	81	60 - 140	<0.070	ng/g	NC	50
6404691	Benzo(b/j)fluoranthene	2019/11/01	95	50 - 150	109	60 - 140	<0.050	ng/g	NC	50
6404691	Benzo(g,h,i)perylene	2019/11/01	83	50 - 150	81	60 - 140	<0.11	ng/g	NC	50
6404691	Benzo(k)fluoranthene	2019/11/01	98	50 - 150	99	60 - 140	<0.057	ng/g	NC	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6404691	Chrysene	2019/11/01	91	50 - 150	100	60 - 140	<0.059	ng/g	NC	50
6404691	Dibenzo(a,h)anthracene	2019/11/01	87	50 - 150	92	60 - 140	<0.16	ng/g	NC	50
6404691	Fluoranthene	2019/11/01	103	50 - 150	100	60 - 140	0.137, RDL=0.50	ng/g	NC	50
6404691	Fluorene	2019/11/01	73	50 - 150	101	60 - 140	0.217, RDL=0.50	ng/g	NC	50
6404691	Indeno(1,2,3-cd)pyrene	2019/11/01	84	50 - 150	80	60 - 140	<0.095	ng/g	NC	50
6404691	Naphthalene	2019/11/01	92	50 - 150	136	60 - 140	1.41, RDL=0.50	ng/g	33	50
6404691	Phenanthrene	2019/11/01	85	50 - 150	109	60 - 140	0.459, RDL=0.50	ng/g	20	50
6404691	Pyrene	2019/11/01	113	50 - 150	109	60 - 140	0.176, RDL=0.50	ng/g	NC	50
6410254	2,3-DiCB-(5)	2019/10/29					<0.0036	ng/g	NC	30
6410254	2,3'-DiCB-(6)	2019/10/29					<0.0027	ng/g	NC	30
6410254	2,4-DiCB-(7)	2019/10/29					<0.0026	ng/g	NC	30
6410254	2,4'-DiCB-(8)	2019/10/29					<0.0024	ng/g	NC	30
6410254	2,5-DiCB-(9)	2019/10/29					<0.0030	ng/g	NC	30
6410254	2,6-DiCB-(10)	2019/10/29					<0.0047	ng/g	NC	30
6410254	22'33'44'55'6-NonaCB-(206)	2019/10/29	95	50 - 150	91	50 - 150	<0.0031	ng/g	NC (14)	30
6410254	22'33'44'55'-OctaCB-(194)	2019/10/29					<0.0022	ng/g	NC (13)	30
6410254	22'33'44'566'-NonaCB-(207)	2019/10/29					<0.0024	ng/g	NC (13)	30
6410254	22'33'44'56-OctaCB-(195)	2019/10/29					<0.0024	ng/g	NC (13)	30
6410254	22'33'44'56'-OctaCB-(196)	2019/10/29					<0.0039	ng/g	NC (13)	30
6410254	22'33'44'5-HeptaCB-(170)	2019/10/29	104	50 - 150	97	50 - 150	0.0030, RDL=0.010	ng/g	8.0 (13)	30
6410254	22'33'44'66'OctaCB-(197)	2019/10/29					<0.0029	ng/g	NC (13)	30
6410254	22'33'455'66'-NonaCB-(208)	2019/10/29	105	50 - 150	99	50 - 150	<0.0032	ng/g	NC (15)	30
6410254	22'33'455'-HeptaCB-(172)	2019/10/29					<0.0031	ng/g	NC (13)	30
6410254	22'33'4566'-OctaCB-(200)	2019/10/29					<0.0023	ng/g	NC (14)	30
6410254	22'33'45'66'-OctaCB-(201)	2019/10/29					<0.0026	ng/g	NC (13)	30
6410254	22'33'456'-HeptaCB-(174)	2019/10/29					<0.0024	ng/g	3.4 (13)	30
6410254	22'33'45'6-HeptaCB-(175)	2019/10/29					<0.0018	ng/g	NC (13)	30
6410254	22'33'45'6'-HeptaCB-(177)	2019/10/29					0.0031, RDL=0.010	ng/g	4.3 (13)	30
6410254	22'33'45'-HexaCB-(130)	2019/10/29					<0.0036	ng/g	3.7	30
6410254	22'33'466'-HeptaCB-(176)	2019/10/29					<0.0014	ng/g	NC (13)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	22'33'46-HexaCB-(131)	2019/10/29					<0.0039	ng/g	NC	30
6410254	22'33'46'-HexaCB-(132)	2019/10/29					<0.0034	ng/g	1.6	30
6410254	22'33'4-PentaCB-(82)	2019/10/29					<0.0016	ng/g	11	30
6410254	22'33'55'66'-OctaCB-(202)	2019/10/29	103	50 - 150	96	50 - 150	<0.0031	ng/g	NC (13)	30
6410254	22'33'55'6-HeptaCB-(178)	2019/10/29					<0.0019	ng/g	2.4 (13)	30
6410254	22'33'55'-HexaCB-(133)	2019/10/29					<0.0032	ng/g	3.9	30
6410254	22'33'566'-HeptaCB-(179)	2019/10/29					<0.0013	ng/g	NC (13)	30
6410254	22'33'66'-HexaCB-(136)	2019/10/29					<0.0013	ng/g	17	30
6410254	22'33'6-PentaCB-(84)	2019/10/29					0.0022, RDL=0.010	ng/g	19	30
6410254	22'344'55'6-OctaCB-(203)	2019/10/29					<0.0032	ng/g	0.56 (13)	30
6410254	22'344'566'-OctaCB-(204)	2019/10/29					<0.0028	ng/g	NC (13)	30
6410254	22'344'56-HeptaCB-(181)	2019/10/29					<0.0030	ng/g	NC (13)	30
6410254	22'344'56'-HeptaCB-(182)	2019/10/29	95	50 - 150	86	50 - 150	<0.0017	ng/g	NC (14)	30
6410254	22'344'5'6-HeptaCB-(183)	2019/10/29					0.0041, RDL=0.010	ng/g	1.0 (13)	30
6410254	22'344'5-HexaCB-(137)	2019/10/29					<0.0037	ng/g	19	30
6410254	22'344'66'-HeptaCB-(184)	2019/10/29					<0.0013	ng/g	NC (13)	30
6410254	22'3455'6-HeptaCB-(185)	2019/10/29					<0.0024	ng/g	NC (14)	30
6410254	22'34'55'6-HeptaCB-(187)	2019/10/29	69	50 - 150	92	50 - 150	0.0117, RDL=0.010	ng/g	0.15 (13)	30
6410254	22'3455'-HexaCB-(141)	2019/10/29					<0.0028	ng/g	NC	30
6410254	22'34'55'-HexaCB-(146)	2019/10/29					0.0068, RDL=0.010	ng/g	1.3	30
6410254	22'34566'-HeptaCB-(186)	2019/10/29					<0.0014	ng/g	NC (13)	30
6410254	22'34'566'-HeptaCB-(188)	2019/10/29	96	50 - 150	94	50 - 150	<0.0018	ng/g	NC	30
6410254	22'3456-HexaCB-(142)	2019/10/29					<0.0034	ng/g	NC	30
6410254	22'345'6-HexaCB-(144)	2019/10/29					<0.0019	ng/g	20	30
6410254	22'34'56'-HexaCB-(148)	2019/10/29					<0.0017	ng/g	NC	30
6410254	22'3466'-HexaCB-(145)	2019/10/29					<0.0013	ng/g	NC	30
6410254	22'34'66'-HexaCB-(150)	2019/10/29					<0.0011	ng/g	NC	30
6410254	22'346'-PentaCB-(89)	2019/10/29					<0.0015	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	22'34'-TetraCB-(42)	2019/10/29					0.0023, RDL=0.010	ng/g	9.3	30
6410254	22'355'-PentaCB-(92)	2019/10/29					0.0050, RDL=0.010	ng/g	9.0	30
6410254	22'3566'-HexaCB-(152)	2019/10/29					<0.0013	ng/g	NC	30
6410254	22'356'-PentaCB-(94)	2019/10/29					<0.0013	ng/g	NC	30
6410254	22'35'6-PentaCB-(95)	2019/10/29					0.0081, RDL=0.010	ng/g	15	30
6410254	22'35-TetraCB-(43)	2019/10/29					<0.0016	ng/g	NC	30
6410254	22'366'-PentaCB-(96)	2019/10/29					<0.00054	ng/g	NC	30
6410254	22'36'-TetraCB-(46)	2019/10/29					<0.0018	ng/g	NC	30
6410254	22'3-TriCB-(16)	2019/10/29					<0.0019	ng/g	12	30
6410254	22'44'56'-HexaCB-(154)	2019/10/29					<0.0014	ng/g	22	30
6410254	22'44'66'-HexaCB-(155)	2019/10/29	96	50 - 150	90	50 - 150	<0.0016	ng/g	5.9	30
6410254	22'45'6-PentaCB-(103)	2019/10/29					<0.0013	ng/g	28	30
6410254	22'45-TetraCB-(48)	2019/10/29					<0.0017	ng/g	7.0	30
6410254	22'466'-PentaCB-(104)	2019/10/29	95	50 - 150	93	50 - 150	<0.00061	ng/g	NC	30
6410254	22'4-TriCB-(17)	2019/10/29					<0.0016	ng/g	21	30
6410254	22'55'-TetraCB-(52)	2019/10/29					0.0198, RDL=0.010	ng/g	9.6	30
6410254	22'66'-TetraCB-(54)	2019/10/29	90	50 - 150	85	50 - 150	<0.00092	ng/g	NC	30
6410254	22'6-TriCB-(19)	2019/10/29	104	50 - 150	94	50 - 150	<0.0017	ng/g	NC	30
6410254	22'-DiCB-(4)	2019/10/29	102	50 - 150	94	50 - 150	<0.0069	ng/g	NC	30
6410254	233'44'55'6-OctaCB-(205)	2019/10/29	103	50 - 150	90	50 - 150	<0.0020	ng/g	NC	30
6410254	233'44'55'-HeptaCB-(189)	2019/10/29	98	50 - 150	99	50 - 150	<0.0021	ng/g	NC (13)	30
6410254	233'44'56-HeptaCB-(190)	2019/10/29					<0.0022	ng/g	NC (13)	30
6410254	233'44'5'6-HeptaCB-(191)	2019/10/29					<0.0022	ng/g	NC (13)	30
6410254	233'44'6-HexaCB-(158)	2019/10/29					<0.0020	ng/g	2.8	30
6410254	233'44'-PentaCB-(105)	2019/10/29	91	50 - 150	107	50 - 150	0.0103, RDL=0.010	ng/g	1.7	30
6410254	233'455'6-HeptaCB-(192)	2019/10/29					<0.0024	ng/g	NC (13)	30
6410254	233'455'-HexaCB-(159)	2019/10/29					<0.0015	ng/g	NC	30

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	233'4'55'-HexaCB-(162)	2019/10/29					<0.0014	ng/g	27	30
6410254	233'456-HexaCB-(160)	2019/10/29					<0.0024	ng/g	NC	30
6410254	233'45'6-HexaCB-(161)	2019/10/29					<0.0021	ng/g	NC	30
6410254	233'4'5'6-HexaCB-(164)	2019/10/29					<0.0020	ng/g	1.3	30
6410254	233'45-PentaCB-(106)	2019/10/29					<0.0013	ng/g	NC	30
6410254	233'4'5-PentaCB-(107)	2019/10/29	0	N/A			<0.0021 (4)	ng/g	9.6	30
6410254	233'4'5'-PentaCB-(122)	2019/10/29					<0.0016	ng/g	NC	30
6410254	233'4'-Tetra CB(56)	2019/10/29					<0.0017	ng/g	15	30
6410254	233'4-TetraCB-(55)	2019/10/29					<0.0014	ng/g	NC	30
6410254	233'55'6-HexaCB-(165)	2019/10/29					<0.0026	ng/g	NC	30
6410254	233'55'-PentaCB-(111)	2019/10/29	0	N/A			<0.00099	ng/g	NC	30
6410254	233'56-PentaCB-(112)	2019/10/29	0	N/A			<0.00078	ng/g	NC	30
6410254	233'5-TetraCB-(57)	2019/10/29					<0.0015	ng/g	NC	30
6410254	233'5'-TetraCB-(58)	2019/10/29					<0.0015	ng/g	NC	30
6410254	23'44'55'-HexaCB-(167)	2019/10/29	107	50 - 150	97	50 - 150	<0.0016	ng/g	0.58	30
6410254	2344'5-PentaCB-(114)	2019/10/29	105	50 - 150	101	50 - 150	<0.0016	ng/g	3.0	30
6410254	23'44'5-PentaCB-(118)	2019/10/29	NC	50 - 150	119	50 - 150	0.0248, RDL=0.010	ng/g	1.4	30
6410254	23'44'5'-PentaCB-(123)	2019/10/29	142	50 - 150	100	50 - 150	<0.0017	ng/g	NC	30
6410254	2344'-TetraCB -(60)	2019/10/29					0.0030, RDL=0.010	ng/g	11	30
6410254	23'44'-TetraCB-(66)	2019/10/29					0.0131, RDL=0.010	ng/g	7.2	30
6410254	23'455'-PentaCB-(120)	2019/10/29					<0.0010	ng/g	2.4	30
6410254	23'45'6-PentaCB-(121)	2019/10/29					<0.0010	ng/g	NC	30
6410254	234'5-TetraCB-(63)	2019/10/29					<0.0014	ng/g	6.4	30
6410254	23'45-TetraCB-(67)	2019/10/29					<0.0013	ng/g	NC	30
6410254	23'45'-TetraCB-(68)	2019/10/29					<0.0014	ng/g	2.8	30
6410254	234'6-TetraCB-(64)	2019/10/29					0.0050, RDL=0.010	ng/g	6.2	30
6410254	234'-TriCB-(22)	2019/10/29					<0.0016	ng/g	7.0	30
6410254	23'4-TriCB-(25)	2019/10/29					<0.0013	ng/g	NC (4)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	23'55'-TetraCB-(72)	2019/10/29					<0.0015	ng/g	1.7	30
6410254	23'5'6-TetraCB-(73)	2019/10/29					<0.0014	ng/g	NC	30
6410254	235-TriCB-(23)	2019/10/29	99	50 - 150	98	50 - 150	<0.0016	ng/g	NC	30
6410254	23'5'-TriCB-(34)	2019/10/29	83	50 - 150	69	50 - 150	<0.0016	ng/g	NC	30
6410254	236-TriCB-(24)	2019/10/29					<0.0010	ng/g	NC	30
6410254	23'6-TriCB-(27)	2019/10/29					<0.0012	ng/g	NC	30
6410254	24'5-TriCB-(31)	2019/10/29					0.0047, RDL=0.010	ng/g	0.091	30
6410254	24'6-TriCB-(32)	2019/10/29					<0.0011	ng/g	NC	30
6410254	2-MonoCB-(1)	2019/10/29	108	50 - 150	108	50 - 150	<0.00079	ng/g	NC	30
6410254	3,3'-DiCB-(11)	2019/10/29					<0.0030	ng/g	NC	30
6410254	3,5-DiCB-(14)	2019/10/29					<0.0028	ng/g	NC	30
6410254	33'44'55'-HexaCB-(169)	2019/10/29	113	50 - 150	99	50 - 150	<0.0017	ng/g	NC	30
6410254	33'44'5-PentaCB-(126)	2019/10/29	142	50 - 150	100	50 - 150	<0.0015	ng/g	NC	30
6410254	33'44'-TetraCB-(77)	2019/10/29	108	50 - 150	93	50 - 150	<0.0018	ng/g	16	30
6410254	33'455'-PentaCB-(127)	2019/10/29					<0.0013	ng/g	NC	30
6410254	33'45-TetraCB-(78)	2019/10/29					<0.0015	ng/g	NC	30
6410254	33'45'-TetraCB(79)	2019/10/29					<0.0013	ng/g	4.8	30
6410254	33'4-TriCB-(35)	2019/10/29					<0.0016	ng/g	NC	30
6410254	33'55'-TetraCB-(80)	2019/10/29					<0.0013	ng/g	NC	30
6410254	33'5-TriCB-(36)	2019/10/29					<0.0015	ng/g	NC	30
6410254	344'5-TetraCB-(81)	2019/10/29	111	50 - 150	97	50 - 150	<0.0018	ng/g	NC	30
6410254	344'-TriCB-(37)	2019/10/29	100	50 - 150	95	50 - 150	<0.0023	ng/g	4.9	30
6410254	345-TriCB-(38)	2019/10/29					<0.0015	ng/g	NC	30
6410254	34'5-TriCB-(39)	2019/10/29					<0.0015	ng/g	NC	30
6410254	3-MonoCB-(2)	2019/10/29					<0.00069	ng/g	NC	30
6410254	4,4'-DiCB-(15)	2019/10/29	111	50 - 150	107	50 - 150	<0.0043	ng/g	NC	30
6410254	4-MonoCB-(3)	2019/10/29	108	50 - 150	101	50 - 150	<0.00076	ng/g	NC	30
6410254	DecaCB-(209)	2019/10/29	93	50 - 150	92	50 - 150	<0.0027	ng/g	NC (13)	30
6410254	DiCB-(12)+(13)	2019/10/29					<0.0028	ng/g	NC	30
6410254	HeptaCB-(171)+(173)	2019/10/29					<0.0028	ng/g	NC (13)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	HeptaCB-(180)+(193)	2019/10/29	76	50 - 150	90	50 - 150	0.0080, RDL=0.020	ng/g	0.88 (13)	30
6410254	HexaCB-(128)+(166)	2019/10/29	61	N/A	84	N/A	0.0045, RDL=0.020	ng/g	1.3	30
6410254	HexaCB-(129)+(138)+(163)	2019/10/29					0.0372, RDL=0.030	ng/g	0.11	30
6410254	HexaCB-(134)+(143)	2019/10/29					<0.0036	ng/g	NC	30
6410254	HexaCB-(135)+(151)	2019/10/29					0.0046, RDL=0.020	ng/g	8.6	30
6410254	HexaCB-(139)+(140)	2019/10/29					<0.0030	ng/g	0.65	30
6410254	HexaCB-(147)+(149)	2019/10/29					0.0162, RDL=0.020	ng/g	4.5	30
6410254	HexaCB-(153)+(168)	2019/10/29					0.0341, RDL=0.010	ng/g	1.0	30
6410254	HexaCB-(156)+(157)	2019/10/29	102	50 - 150	98	50 - 150	0.0024, RDL=0.020	ng/g	3.3	30
6410254	OctaCB-(198)+(199)	2019/10/29					<0.0036	ng/g	NC (13)	30
6410254	PentaCB-(108)+(124)	2019/10/29	0	N/A			<0.0014	ng/g	6.6	30
6410254	PentaCB-(110)+(115)	2019/10/29	0	N/A			0.0193, RDL=0.020	ng/g	3.1	30
6410254	PentaCB-(83)+(99)	2019/10/29					0.0266, RDL=0.020	ng/g	4.7	30
6410254	PentaCB-(85)+(116)+(117)	2019/10/29					0.0049, RDL=0.030	ng/g	7.4	30
6410254	PentaCB-(86)(87)(97)(109)(119)(125)	2019/10/29					0.0096, RDL=0.060	ng/g	3.9	30
6410254	PentaCB-(88)+(91)	2019/10/29					0.0021, RDL=0.020	ng/g	13	30
6410254	PentaCB-(90)+(101)+(113)	2019/10/29	84	N/A	109	N/A	0.0245, RDL=0.030	ng/g	7.1	30
6410254	PentaCB-(93)+(98)+(100)+(102)	2019/10/29					<0.0014	ng/g	NC	30
6410254	TetraCB-(40)+(41)+(71)	2019/10/29					0.0029, RDL=0.030	ng/g	12	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6410254	TetraCB-(44)+(47)+(65)	2019/10/29					0.0105, RDL=0.030	ng/g	8.9	30
6410254	TetraCB-(45)+(51)	2019/10/29					<0.0017	ng/g	NC	30
6410254	TetraCB-(49)+TetraCB-(69)	2019/10/29					0.0057, RDL=0.020	ng/g	13	30
6410254	TetraCB-(50)+(53)	2019/10/29					<0.0016	ng/g	NC	30
6410254	TetraCB-(59)+(62)+(75)	2019/10/29					<0.0012	ng/g	20	30
6410254	TetraCB-(61)+(70)+(74)+(76)	2019/10/29					0.0225, RDL=0.040	ng/g	6.3	30
6410254	TriCB-(18)+(30)	2019/10/29					0.0020, RDL=0.020	ng/g	17	30
6410254	TriCB-(20) + (28)	2019/10/29					0.0064, RDL=0.020	ng/g	1.5	30
6410254	TriCB-(21)+(33)	2019/10/29					<0.0015	ng/g	15	30
6410254	TriCB-(26)+(29)	2019/10/29					<0.0016	ng/g	14	30
6414992	Confirmation 2,3,7,8-Tetra CDF	2019/10/31					<0.21, EDL=0.21	pg/g	5.3	100
6415523	1,2,3,4,6,7,8-Hepta CDD	2019/11/03	107	70 - 140	111	70 - 140	<0.101, EDL=0.101	pg/g	NC	25
6415523	1,2,3,4,6,7,8-Hepta CDF	2019/11/03	111	82 - 122	121	82 - 122	<0.111, EDL=0.111	pg/g	NC	25
6415523	1,2,3,4,7,8,9-Hepta CDF	2019/11/03	92	78 - 138	99	78 - 138	<0.102, EDL=0.102	pg/g	NC	25
6415523	1,2,3,4,7,8-Hexa CDD	2019/11/03	107	70 - 164	109	70 - 164	<0.115, EDL=0.115	pg/g	NC	25
6415523	1,2,3,4,7,8-Hexa CDF	2019/11/03	100	72 - 134	100	72 - 134	<0.115, EDL=0.115	pg/g	NC	25
6415523	1,2,3,6,7,8-Hexa CDD	2019/11/03	115	76 - 134	124	76 - 134	<0.110, EDL=0.110	pg/g	NC	25
6415523	1,2,3,6,7,8-Hexa CDF	2019/11/03	112	84 - 130	106	84 - 130	<0.115, EDL=0.115	pg/g	NC	25
6415523	1,2,3,7,8,9-Hexa CDD	2019/11/03	121	64 - 162	130	64 - 162	<0.114, EDL=0.114	pg/g	NC	25
6415523	1,2,3,7,8,9-Hexa CDF	2019/11/03	99	78 - 130	106	78 - 130	<0.117, EDL=0.117	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6415523	1,2,3,7,8-Penta CDD	2019/11/03	114	25 - 181	112	25 - 181	<0.111, EDL=0.111	pg/g	NC	25
6415523	1,2,3,7,8-Penta CDF	2019/11/03	114	80 - 134	112	80 - 134	<0.100, EDL=0.100	pg/g	NC	25
6415523	2,3,4,6,7,8-Hexa CDF	2019/11/03	106	70 - 156	108	70 - 156	<0.109, EDL=0.109	pg/g	NC	25
6415523	2,3,4,7,8-Penta CDF	2019/11/03	103	68 - 160	101	68 - 160	<0.0932, EDL=0.0932	pg/g	NC	25
6415523	2,3,7,8-Tetra CDD	2019/11/03	91	67 - 158	97	67 - 158	<0.102, EDL=0.102	pg/g	NC	25
6415523	2,3,7,8-Tetra CDF	2019/11/03	99	75 - 158	99	75 - 158	<0.117, EDL=0.117	pg/g	NC	25
6415523	Octa CDD	2019/11/03	107	78 - 144	104	78 - 144	0.138, EDL=0.109	pg/g	NC	25
6415523	Octa CDF	2019/11/03	100	63 - 170	98	63 - 170	<0.117, EDL=0.117	pg/g	NC	25
6415523	Total Hepta CDD	2019/11/03					<0.101, EDL=0.101	pg/g	NC	25
6415523	Total Hepta CDF	2019/11/03					<0.106, EDL=0.106	pg/g	NC	25
6415523	Total Hexa CDD	2019/11/03					<0.363, EDL=0.363 (4)	pg/g	NC (4)	25
6415523	Total Hexa CDF	2019/11/03					<0.114, EDL=0.114	pg/g	NC	25
6415523	Total Penta CDD	2019/11/03					<0.176, EDL=0.176 (4)	pg/g	NC	25
6415523	Total Penta CDF	2019/11/03					<0.0967, EDL=0.0967	pg/g	NC (4)	25
6415523	Total Tetra CDD	2019/11/03					<0.160, EDL=0.160 (4)	pg/g	NC	25
6415523	Total Tetra CDF	2019/11/03					<0.117, EDL=0.117	pg/g	NC	25
6428700	Confirmation 2,3,7,8-Tetra CDF	2019/11/05					<0.17, EDL=0.17	pg/g		
6428906	2,3-DiCB-(5)	2019/11/28					<0.0053	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	2,3'-DiCB-(6)	2019/11/28					<0.0041	ng/g	NC	30
6428906	2,4-DiCB-(7)	2019/11/28					<0.0043	ng/g	NC	30
6428906	2,4'-DiCB-(8)	2019/11/28					<0.0034	ng/g	NC	30
6428906	2,5-DiCB-(9)	2019/11/28					<0.0042	ng/g	NC	30
6428906	2,6-DiCB-(10)	2019/11/28					<0.0063	ng/g	NC	30
6428906	22'33'44'55'6-NonaCB-(206)	2019/11/28	91	50 - 150	103	50 - 150	<0.0049	ng/g	NC	30
6428906	22'33'44'55'-OctaCB-(194)	2019/11/28					<0.0022	ng/g	NC	30
6428906	22'33'44'566'-NonaCB-(207)	2019/11/28					<0.0042	ng/g	NC	30
6428906	22'33'44'56-OctaCB-(195)	2019/11/28					<0.0022	ng/g	NC	30
6428906	22'33'44'56'-OctaCB-(196)	2019/11/28					<0.0037	ng/g	NC	30
6428906	22'33'44'5-HeptaCB-(170)	2019/11/28	103	50 - 150	105	50 - 150	0.0033, RDL=0.010	ng/g	NC (4)	30
6428906	22'33'44'66'OctaCB-(197)	2019/11/28					<0.0029	ng/g	NC	30
6428906	22'33'455'66'-NonaCB-(208)	2019/11/28	107	50 - 150	114	50 - 150	<0.0053	ng/g	NC	30
6428906	22'33'455'-HeptaCB-(172)	2019/11/28					<0.0033	ng/g	NC	30
6428906	22'33'4566'-OctaCB-(200)	2019/11/28					<0.0019	ng/g	NC	30
6428906	22'33'45'66'-OctaCB-(201)	2019/11/28					<0.0023	ng/g	NC	30
6428906	22'33'456'-HeptaCB-(174)	2019/11/28					<0.0028	ng/g	NC	30
6428906	22'33'45'6-HeptaCB-(175)	2019/11/28					<0.0024	ng/g	NC	30
6428906	22'33'45'6'-HeptaCB-(177)	2019/11/28					0.0034, RDL=0.010	ng/g	NC	30
6428906	22'33'45'-HexaCB-(130)	2019/11/28					<0.0030	ng/g	NC	30
6428906	22'33'466'-HeptaCB-(176)	2019/11/28					<0.0017	ng/g	NC (4)	30
6428906	22'33'46-HexaCB-(131)	2019/11/28					<0.0031	ng/g	NC	30
6428906	22'33'46'-HexaCB-(132)	2019/11/28					0.0036, RDL=0.010	ng/g	5.4	30
6428906	22'33'4-PentaCB-(82)	2019/11/28					<0.0016	ng/g	NC	30
6428906	22'33'55'66'-OctaCB-(202)	2019/11/28	100	50 - 150	113	50 - 150	<0.0028	ng/g	NC	30
6428906	22'33'55'6-HeptaCB-(178)	2019/11/28					<0.0025	ng/g	NC	30
6428906	22'33'55'-HexaCB-(133)	2019/11/28					<0.0026	ng/g	NC (4)	30
6428906	22'33'566'-HeptaCB-(179)	2019/11/28					<0.0017	ng/g	NC	30
6428906	22'33'66'-HexaCB-(136)	2019/11/28					<0.0017	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	22'33'6-PentaCB-(84)	2019/11/28					0.0016, RDL=0.010	ng/g	NC (4)	30
6428906	22'344'55'6-OctaCB-(203)	2019/11/28					<0.0033	ng/g	NC	30
6428906	22'344'566'-OctaCB-(204)	2019/11/28					<0.0024	ng/g	NC	30
6428906	22'344'56-HeptaCB-(181)	2019/11/28					<0.0029	ng/g	NC	30
6428906	22'344'56'-HeptaCB-(182)	2019/11/28	90	50 - 150	96	50 - 150	<0.0024	ng/g	NC	30
6428906	22'344'5'6-HeptaCB-(183)	2019/11/28					0.0027, RDL=0.010	ng/g	NC	30
6428906	22'344'5-HexaCB-(137)	2019/11/28					<0.0029	ng/g	NC	30
6428906	22'344'66'-HeptaCB-(184)	2019/11/28					<0.0016	ng/g	NC	30
6428906	22'3455'6-HeptaCB-(185)	2019/11/28					<0.0029	ng/g	NC	30
6428906	22'34'55'6-HeptaCB-(187)	2019/11/28	89	50 - 150	109	50 - 150	0.0121, RDL=0.010	ng/g	0.53	30
6428906	22'3455'-HexaCB-(141)	2019/11/28					<0.0023	ng/g	NC	30
6428906	22'34'55'-HexaCB-(146)	2019/11/28					0.0072, RDL=0.010	ng/g	0.44	30
6428906	22'34566'-HeptaCB-(186)	2019/11/28					<0.0018	ng/g	NC	30
6428906	22'34'566'-HeptaCB-(188)	2019/11/28	104	50 - 150	116	50 - 150	<0.0023	ng/g	NC	30
6428906	22'3456-HexaCB-(142)	2019/11/28					<0.0027	ng/g	NC	30
6428906	22'345'6-HexaCB-(144)	2019/11/28					<0.0023	ng/g	NC	30
6428906	22'34'56'-HexaCB-(148)	2019/11/28					<0.0023	ng/g	NC	30
6428906	22'3466'-HexaCB-(145)	2019/11/28					<0.0017	ng/g	NC	30
6428906	22'34'66'-HexaCB-(150)	2019/11/28					<0.0016	ng/g	NC	30
6428906	22'346'-PentaCB-(89)	2019/11/28					<0.0015	ng/g	NC	30
6428906	22'34'-TetraCB-(42)	2019/11/28					<0.0026	ng/g	NC	30
6428906	22'355'-PentaCB-(92)	2019/11/28					0.0058, RDL=0.010	ng/g	6.5	30
6428906	22'3566'-HexaCB-(152)	2019/11/28					<0.0016	ng/g	NC	30
6428906	22'356'-PentaCB-(94)	2019/11/28					<0.0014	ng/g	NC	30
6428906	22'35'6-PentaCB-(95)	2019/11/28					0.0101, RDL=0.010	ng/g	0.55	30
6428906	22'35-TetraCB-(43)	2019/11/28					<0.0026	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	22'366'-PentaCB-(96)	2019/11/28					<0.00095	ng/g	NC	30
6428906	22'36'-TetraCB-(46)	2019/11/28					<0.0024	ng/g	NC	30
6428906	22'3-TriCB-(16)	2019/11/28					<0.0028	ng/g	NC	30
6428906	22'44'56'-HexaCB-(154)	2019/11/28					<0.0020	ng/g	NC	30
6428906	22'44'66'-HexaCB-(155)	2019/11/28	105	50 - 150	114	50 - 150	<0.0017	ng/g	NC	30
6428906	22'45'6-PentaCB-(103)	2019/11/28					<0.0013	ng/g	NC	30
6428906	22'45-TetraCB-(48)	2019/11/28					<0.0020	ng/g	NC (4)	30
6428906	22'466'-PentaCB-(104)	2019/11/28	111	50 - 150	108	50 - 150	<0.00084	ng/g	NC	30
6428906	22'4-TriCB-(17)	2019/11/28					<0.0020	ng/g	NC	30
6428906	22'55'-TetraCB-(52)	2019/11/28					0.0217, RDL=0.010	ng/g	0.065	30
6428906	22'66'-TetraCB-(54)	2019/11/28	102	50 - 150	101	50 - 150	<0.0013	ng/g	NC	30
6428906	22'6-TriCB-(19)	2019/11/28	103	50 - 150	105	50 - 150	<0.0020	ng/g	NC	30
6428906	22'-DiCB-(4)	2019/11/28	110	50 - 150	117	50 - 150	<0.0085	ng/g	NC	30
6428906	233'44'55'6-OctaCB-(205)	2019/11/28	90	50 - 150	103	50 - 150	<0.0020	ng/g	NC	30
6428906	233'44'55'-HeptaCB-(189)	2019/11/28	102	50 - 150	102	50 - 150	<0.0025	ng/g	NC	30
6428906	233'44'56-HeptaCB-(190)	2019/11/28					<0.0024	ng/g	NC	30
6428906	233'44'5'6-HeptaCB-(191)	2019/11/28					<0.0024	ng/g	NC	30
6428906	233'44'6-HexaCB-(158)	2019/11/28					<0.0017	ng/g	NC	30
6428906	233'44'-PentaCB-(105)	2019/11/28	99	50 - 150	119	50 - 150	0.0098, RDL=0.010	ng/g	2.4	30
6428906	233'455'6-HeptaCB-(192)	2019/11/28					<0.0025	ng/g	NC	30
6428906	233'455'-HexaCB-(159)	2019/11/28					<0.0012	ng/g	NC	30
6428906	233'4'55'-HexaCB-(162)	2019/11/28					<0.0011	ng/g	NC	30
6428906	233'456-HexaCB-(160)	2019/11/28					<0.0021	ng/g	NC	30
6428906	233'45'6-HexaCB-(161)	2019/11/28					<0.0018	ng/g	NC	30
6428906	233'4'5'6-HexaCB-(164)	2019/11/28					<0.0017	ng/g	NC (4)	30
6428906	233'45-PentaCB-(106)	2019/11/28					<0.0013	ng/g	NC	30
6428906	233'4'5-PentaCB-(107)	2019/11/28					0.0024, RDL=0.010	ng/g	NC	30
6428906	233'4'5'-PentaCB-(122)	2019/11/28					<0.0014	ng/g	NC	30
6428906	233'4'-Tetra CB(56)	2019/11/28					<0.0018	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	233'4-TetraCB-(55)	2019/11/28					<0.0016	ng/g	NC	30
6428906	233'55'6-HexaCB-(165)	2019/11/28					<0.0020	ng/g	NC	30
6428906	233'55'-PentaCB-(111)	2019/11/28					<0.0010	ng/g	NC	30
6428906	233'56-PentaCB-(112)	2019/11/28					<0.00093	ng/g	NC	30
6428906	233'5-TetraCB-(57)	2019/11/28					<0.0017	ng/g	NC	30
6428906	233'5'-TetraCB-(58)	2019/11/28					<0.0017	ng/g	NC	30
6428906	23'44'55'-HexaCB-(167)	2019/11/28	101	50 - 150	110	50 - 150	<0.0015	ng/g	NC	30
6428906	2344'5-PentaCB-(114)	2019/11/28	116	50 - 150	111	50 - 150	<0.0017	ng/g	NC	30
6428906	23'44'5-PentaCB-(118)	2019/11/28	107	50 - 150	130	50 - 150	0.0251, RDL=0.010	ng/g	2.8	30
6428906	23'44'5'-PentaCB-(123)	2019/11/28	120	50 - 150	105	50 - 150	<0.0018	ng/g	NC	30
6428906	2344'-TetraCB -(60)	2019/11/28					0.0036, RDL=0.010	ng/g	NC	30
6428906	23'44'-TetraCB-(66)	2019/11/28					0.0127, RDL=0.010	ng/g	4.8	30
6428906	23'455'-PentaCB-(120)	2019/11/28					<0.0010	ng/g	NC	30
6428906	23'45'6-PentaCB-(121)	2019/11/28					<0.0010	ng/g	NC	30
6428906	234'5-TetraCB-(63)	2019/11/28					<0.0016	ng/g	NC	30
6428906	23'45-TetraCB-(67)	2019/11/28					<0.0015	ng/g	NC	30
6428906	23'45'-TetraCB-(68)	2019/11/28					<0.0015	ng/g	NC	30
6428906	234'6-TetraCB-(64)	2019/11/28					<0.0043 (4)	ng/g	NC	30
6428906	234'-TriCB-(22)	2019/11/28					<0.0011	ng/g	NC	30
6428906	23'4-TriCB-(25)	2019/11/28					<0.00099	ng/g	NC	30
6428906	23'55'-TetraCB-(72)	2019/11/28					<0.0016	ng/g	NC	30
6428906	23'5'6-TetraCB-(73)	2019/11/28					<0.0014	ng/g	NC	30
6428906	235-TriCB-(23)	2019/11/28	91	50 - 150	107	50 - 150	<0.0011	ng/g	NC	30
6428906	23'5'-TriCB-(34)	2019/11/28	93	50 - 150	90	50 - 150	<0.0012	ng/g	NC	30
6428906	236-TriCB-(24)	2019/11/28					<0.0013	ng/g	NC	30
6428906	23'6-TriCB-(27)	2019/11/28					<0.0015	ng/g	NC	30
6428906	24'5-TriCB-(31)	2019/11/28					0.0040, RDL=0.010	ng/g	NC	30
6428906	24'6-TriCB-(32)	2019/11/28					<0.0013	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	2-MonoCB-(1)	2019/11/28	111	50 - 150	110	50 - 150	<0.00082	ng/g	NC	30
6428906	3,3'-DiCB-(11)	2019/11/28					<0.0044	ng/g	NC	30
6428906	3,5-DiCB-(14)	2019/11/28					<0.0043	ng/g	NC	30
6428906	33'44'55'-HexaCB-(169)	2019/11/28	92	50 - 150	99	50 - 150	<0.0015	ng/g	NC	30
6428906	33'44'5-PentaCB-(126)	2019/11/28	94	50 - 150	101	50 - 150	<0.0016	ng/g	NC	30
6428906	33'44'-TetraCB-(77)	2019/11/28	103	50 - 150	98	50 - 150	<0.0024	ng/g	NC	30
6428906	33'455'-PentaCB-(127)	2019/11/28					<0.0013	ng/g	NC	30
6428906	33'45-TetraCB-(78)	2019/11/28					<0.0017	ng/g	NC	30
6428906	33'45'-TetraCB(79)	2019/11/28					<0.0015	ng/g	NC	30
6428906	33'4-TriCB-(35)	2019/11/28					<0.0012	ng/g	NC	30
6428906	33'55'-TetraCB-(80)	2019/11/28					<0.0015	ng/g	NC	30
6428906	33'5-TriCB-(36)	2019/11/28					<0.00099	ng/g	NC	30
6428906	344'5-TetraCB-(81)	2019/11/28	100	50 - 150	98	50 - 150	<0.0023	ng/g	NC	30
6428906	344'-TriCB-(37)	2019/11/28	104	50 - 150	110	50 - 150	<0.0019	ng/g	NC	30
6428906	345-TriCB-(38)	2019/11/28					<0.0010	ng/g	NC	30
6428906	34'5-TriCB-(39)	2019/11/28					<0.0010	ng/g	NC	30
6428906	3-MonoCB-(2)	2019/11/28					<0.00067	ng/g	NC	30
6428906	4,4'-DiCB-(15)	2019/11/28	110	50 - 150	110	50 - 150	<0.0075	ng/g	NC	30
6428906	4-MonoCB-(3)	2019/11/28	99	50 - 150	92	50 - 150	<0.00078	ng/g	NC	30
6428906	DecaCB-(209)	2019/11/28	103	50 - 150	89	50 - 150	<0.0055	ng/g	NC	30
6428906	DiCB-(12)+(13)	2019/11/28					<0.0044	ng/g	NC	30
6428906	HeptaCB-(171)+(173)	2019/11/28					<0.0029	ng/g	NC	30
6428906	HeptaCB-(180)+(193)	2019/11/28	82	50 - 150	93	50 - 150	0.0079, RDL=0.020	ng/g	NC	30
6428906	HexaCB-(128)+(166)	2019/11/28	70	N/A	87	N/A	0.0049, RDL=0.020	ng/g	NC	30
6428906	HexaCB-(129)+(138)+(163)	2019/11/28					0.0362, RDL=0.030	ng/g	1.0	30
6428906	HexaCB-(134)+(143)	2019/11/28					<0.0027	ng/g	NC	30
6428906	HexaCB-(135)+(151)	2019/11/28					0.0062, RDL=0.020	ng/g	NC	30
6428906	HexaCB-(139)+(140)	2019/11/28					<0.0024	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	HexaCB-(147)+(149)	2019/11/28					0.0148, RDL=0.020	ng/g	5.8 (16)	30
6428906	HexaCB-(153)+(168)	2019/11/28					0.0361, RDL=0.010	ng/g	4.1	30
6428906	HexaCB-(156)+(157)	2019/11/28	104	50 - 150	114	50 - 150	<0.0021 (4)	ng/g	NC	30
6428906	OctaCB-(198)+(199)	2019/11/28					<0.0035	ng/g	NC	30
6428906	PentaCB-(108)+(124)	2019/11/28					<0.0013	ng/g	NC	30
6428906	PentaCB-(110)+(115)	2019/11/28					0.0177, RDL=0.020	ng/g	1.7	30
6428906	PentaCB-(83)+(99)	2019/11/28					0.0265, RDL=0.020	ng/g	0.40	30
6428906	PentaCB-(85)+(116)+(117)	2019/11/28					0.0052, RDL=0.030	ng/g	NC	30
6428906	PentaCB-(86)(87)(97)(109)(119)(125)	2019/11/28					0.0113, RDL=0.060	ng/g	NC	30
6428906	PentaCB-(88)+(91)	2019/11/28					0.0018, RDL=0.020	ng/g	NC	30
6428906	PentaCB-(90)+(101)+(113)	2019/11/28	98	N/A	113	N/A	0.0268, RDL=0.030	ng/g	2.8	30
6428906	PentaCB-(93)+(98)+(100)+(102)	2019/11/28					<0.0014	ng/g	NC	30
6428906	TetraCB-(40)+(41)+(71)	2019/11/28					0.0023, RDL=0.030	ng/g	NC (4)	30
6428906	TetraCB-(44)+(47)+(65)	2019/11/28					0.0104, RDL=0.030	ng/g	NC	30
6428906	TetraCB-(45)+(51)	2019/11/28					<0.0021	ng/g	NC	30
6428906	TetraCB-(49)+TetraCB-(69)	2019/11/28					0.0059, RDL=0.020	ng/g	NC	30
6428906	TetraCB-(50)+(53)	2019/11/28					<0.0020	ng/g	NC	30
6428906	TetraCB-(59)+(62)+(75)	2019/11/28					<0.0015	ng/g	NC	30
6428906	TetraCB-(61)+(70)+(74)+(76)	2019/11/28					0.0213, RDL=0.040	ng/g	3.6	30
6428906	TriCB-(18)+(30)	2019/11/28					0.0020, RDL=0.020	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6428906	TriCB-(20) + (28)	2019/11/28					0.0056, RDL=0.020	ng/g	NC	30
6428906	TriCB-(21)+(33)	2019/11/28					<0.0011	ng/g	NC (4)	30
6428906	TriCB-(26)+(29)	2019/11/28					<0.0011	ng/g	NC	30
6435333	Acenaphthene	2020/01/16	110	50 - 150	138	60 - 140	0.49, RDL=0.50	ng/g	NC	50
6435333	Acenaphthylene	2020/01/16	113	50 - 150	124	60 - 140	0.16, RDL=0.50	ng/g	NC	50
6435333	Anthracene	2020/01/16	91	50 - 150	87	60 - 140	<0.14	ng/g	NC	50
6435333	Benzo(a)anthracene	2020/01/16	83	50 - 150	88	60 - 140	0.040, RDL=0.50	ng/g	NC	50
6435333	Benzo(a)pyrene	2020/01/16	74	50 - 150	74	60 - 140	0.096, RDL=0.50	ng/g	NC	50
6435333	Benzo(b/j)fluoranthene	2020/01/16	106	50 - 150	120	60 - 140	<0.067	ng/g	NC	50
6435333	Benzo(g,h,i)perylene	2020/01/16	75	50 - 150	87	60 - 140	<0.092	ng/g	NC	50
6435333	Benzo(k)fluoranthene	2020/01/16	89	50 - 150	82	60 - 140	<0.066	ng/g	NC	50
6435333	Chrysene	2020/01/16	78	50 - 150	88	60 - 140	0.043, RDL=0.50	ng/g	NC	50
6435333	Dibenzo(a,h)anthracene	2020/01/16	82	50 - 150	96	60 - 140	<0.073	ng/g	NC	50
6435333	Fluoranthene	2020/01/16	79	50 - 150	79	60 - 140	0.092, RDL=0.50	ng/g	NC	50
6435333	Fluorene	2020/01/16	78	50 - 150	80	60 - 140	0.313, RDL=0.50	ng/g	NC	50
6435333	Indeno(1,2,3-cd)pyrene	2020/01/16	88	50 - 150	100	60 - 140	<0.11	ng/g	NC	50
6435333	Naphthalene	2020/01/16	101	50 - 150	214 (17)	60 - 140	6.54, RDL=0.50 (18)	ng/g	23	50
6435333	Phenanthrene	2020/01/16	98	50 - 150	98	60 - 140	0.60, RDL=0.50	ng/g	21	50
6435333	Pyrene	2020/01/16	81	50 - 150	95	60 - 140	0.094, RDL=0.50	ng/g	NC	50
6437316	2,3-DiCB-(5)	2019/11/29	0	N/A			<0.010	ng/g	NC	30
6437316	2,3'-DiCB-(6)	2019/11/29	0	N/A			<0.0080	ng/g	NC	30
6437316	2,4-DiCB-(7)	2019/11/29	0	N/A			<0.0080	ng/g	NC	30
6437316	2,4'-DiCB-(8)	2019/11/29	0	N/A			<0.0068	ng/g	NC	30
6437316	2,5-DiCB-(9)	2019/11/29	0	N/A			<0.0080	ng/g	NC	30
6437316	2,6-DiCB-(10)	2019/11/29	0	N/A			<0.010	ng/g	NC	30
6437316	22'33'44'55'6-NonaCB-(206)	2019/11/29	95	50 - 150	87	50 - 150	<0.0017	ng/g	NC	30
6437316	22'33'44'55'-OctaCB-(194)	2019/11/29	0	N/A			<0.00096	ng/g	NC (4)	30
6437316	22'33'44'566'-NonaCB-(207)	2019/11/29	0	N/A			<0.0014	ng/g	NC	30
6437316	22'33'44'56-OctaCB-(195)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	22'33'44'56'-OctaCB-(196)	2019/11/29	0	N/A			<0.00095	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	22'33'44'5-HeptaCB-(170)	2019/11/29	101	50 - 150	90	50 - 150	<0.00069	ng/g	4.2	30
6437316	22'33'44'66'OctaCB-(197)	2019/11/29	0	N/A			<0.00055	ng/g	NC	30
6437316	22'33'455'66'-NonaCB-(208)	2019/11/29	93	50 - 150	92	50 - 150	<0.0017	ng/g	NC	30
6437316	22'33'455'-HeptaCB-(172)	2019/11/29	0	N/A			<0.00093	ng/g	NC	30
6437316	22'33'4566'-OctaCB-(200)	2019/11/29	0	N/A			<0.00090	ng/g	NC	30
6437316	22'33'45'66'-OctaCB-(201)	2019/11/29	0	N/A			<0.00068	ng/g	NC	30
6437316	22'33'456'-HeptaCB-(174)	2019/11/29	0	N/A			<0.00083	ng/g	NC (4)	30
6437316	22'33'45'6-HeptaCB-(175)	2019/11/29	0	N/A			<0.00054	ng/g	NC	30
6437316	22'33'45'6'-HeptaCB-(177)	2019/11/29	0	N/A			<0.00090	ng/g	NC	30
6437316	22'33'45'-HexaCB-(130)	2019/11/29	0	N/A			<0.0016	ng/g	NC	30
6437316	22'33'466'-HeptaCB-(176)	2019/11/29	0	N/A			<0.00041	ng/g	NC	30
6437316	22'33'46-HexaCB-(131)	2019/11/29	0	N/A			<0.0017	ng/g	NC	30
6437316	22'33'46'-HexaCB-(132)	2019/11/29	0	N/A			<0.0015	ng/g	NC	30
6437316	22'33'4-PentaCB-(82)	2019/11/29	0	N/A			<0.0016	ng/g	NC	30
6437316	22'33'55'66'-OctaCB-(202)	2019/11/29	95	50 - 150	93	50 - 150	<0.00079	ng/g	NC (4)	30
6437316	22'33'55'6-HeptaCB-(178)	2019/11/29	0	N/A			<0.00057	ng/g	NC	30
6437316	22'33'55'-HexaCB-(133)	2019/11/29	0	N/A			<0.0014	ng/g	NC	30
6437316	22'33'566'-HeptaCB-(179)	2019/11/29	0	N/A			<0.00041	ng/g	NC	30
6437316	22'33'66'-HexaCB-(136)	2019/11/29	0	N/A			<0.00053	ng/g	NC	30
6437316	22'33'6-PentaCB-(84)	2019/11/29	0	N/A			<0.0016	ng/g	NC (4)	30
6437316	22'344'55'6-OctaCB-(203)	2019/11/29	0	N/A			<0.00088	ng/g	NC (4)	30
6437316	22'344'566'-OctaCB-(204)	2019/11/29	0	N/A			<0.00069	ng/g	NC	30
6437316	22'344'56-HeptaCB-(181)	2019/11/29	0	N/A			<0.00085	ng/g	NC	30
6437316	22'344'56'-HeptaCB-(182)	2019/11/29	95	50 - 150	91	50 - 150	<0.00054	ng/g	NC	30
6437316	22'344'5'6-HeptaCB-(183)	2019/11/29	0	N/A			<0.00082	ng/g	6.7	30
6437316	22'344'5-HexaCB-(137)	2019/11/29	0	N/A			<0.0018	ng/g	NC	30
6437316	22'344'66'-HeptaCB-(184)	2019/11/29	0	N/A			<0.00039	ng/g	NC	30
6437316	22'3455'6-HeptaCB-(185)	2019/11/29	0	N/A			<0.0034	ng/g	NC	30
6437316	22'34'55'6-HeptaCB-(187)	2019/11/29	80	50 - 150	88	50 - 150	<0.00051	ng/g	5.4	30
6437316	22'3455'-HexaCB-(141)	2019/11/29	0	N/A			<0.0014	ng/g	NC	30
6437316	22'34'55'-HexaCB-(146)	2019/11/29	0	N/A			<0.0013	ng/g	13	30

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	22'34566'-HeptaCB-(186)	2019/11/29	0	N/A			<0.00042	ng/g	NC	30
6437316	22'34'566'-HeptaCB-(188)	2019/11/29	92	50 - 150	92	50 - 150	<0.00051	ng/g	NC	30
6437316	22'3456-HexaCB-(142)	2019/11/29	0	N/A			<0.0016	ng/g	NC	30
6437316	22'345'6-HexaCB-(144)	2019/11/29	0	N/A			<0.00068	ng/g	NC	30
6437316	22'34'56'-HexaCB-(148)	2019/11/29	0	N/A			<0.00068	ng/g	NC	30
6437316	22'3466'-HexaCB-(145)	2019/11/29	0	N/A			<0.00053	ng/g	NC	30
6437316	22'34'66'-HexaCB-(150)	2019/11/29	0	N/A			<0.00050	ng/g	NC	30
6437316	22'346'-PentaCB-(89)	2019/11/29	0	N/A			<0.0015	ng/g	NC	30
6437316	22'34'-TetraCB-(42)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	22'355'-PentaCB-(92)	2019/11/29	0	N/A			<0.0014	ng/g	11	30
6437316	22'3566'-HexaCB-(152)	2019/11/29	0	N/A			<0.00053	ng/g	NC	30
6437316	22'356'-PentaCB-(94)	2019/11/29	0	N/A			<0.0015	ng/g	NC	30
6437316	22'35'6-PentaCB-(95)	2019/11/29	0	N/A			<0.0014	ng/g	9.0	30
6437316	22'35-TetraCB-(43)	2019/11/29	0	N/A			<0.0012	ng/g	NC	30
6437316	22'366'-PentaCB-(96)	2019/11/29	0	N/A			<0.00034	ng/g	NC	30
6437316	22'36'-TetraCB-(46)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	22'3-TriCB-(16)	2019/11/29	0	N/A			<0.0016	ng/g	NC	30
6437316	22'44'56'-HexaCB-(154)	2019/11/29	0	N/A			<0.00060	ng/g	NC (4)	30
6437316	22'44'66'-HexaCB-(155)	2019/11/29	90	50 - 150	88	50 - 150	<0.00055	ng/g	NC	30
6437316	22'45'6-PentaCB-(103)	2019/11/29	0	N/A			<0.0013	ng/g	NC	30
6437316	22'45-TetraCB-(48)	2019/11/29	0	N/A			<0.00088	ng/g	NC	30
6437316	22'466'-PentaCB-(104)	2019/11/29	91	50 - 150	87	50 - 150	<0.00031	ng/g	NC	30
6437316	22'4-TriCB-(17)	2019/11/29	0	N/A			<0.0013	ng/g	NC	30
6437316	22'55'-TetraCB-(52)	2019/11/29	0	N/A			<0.00088	ng/g	18	30
6437316	22'66'-TetraCB-(54)	2019/11/29	92	50 - 150	89	50 - 150	<0.00047	ng/g	NC	30
6437316	22'6-TriCB-(19)	2019/11/29	90	50 - 150	83	50 - 150	<0.0012	ng/g	NC	30
6437316	22'-DiCB-(4)	2019/11/29	97	50 - 150	94	50 - 150	<0.013	ng/g	NC	30
6437316	233'44'55'6-OctaCB-(205)	2019/11/29	95	50 - 150	97	50 - 150	<0.00081	ng/g	NC	30
6437316	233'44'55'-HeptaCB-(189)	2019/11/29	89	50 - 150	87	50 - 150	<0.0011	ng/g	NC	30
6437316	233'44'56-HeptaCB-(190)	2019/11/29	0	N/A			<0.00072	ng/g	NC	30
6437316	233'44'5'6-HeptaCB-(191)	2019/11/29	0	N/A			<0.00068	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	233'44'6-HexaCB-(158)	2019/11/29	0	N/A			<0.00097	ng/g	NC	30
6437316	233'44'-PentaCB-(105)	2019/11/29	93	50 - 150	90	50 - 150	<0.00060	ng/g	11	30
6437316	233'455'6-HeptaCB-(192)	2019/11/29	0	N/A			<0.00072	ng/g	NC	30
6437316	233'455'-HexaCB-(159)	2019/11/29	0	N/A			<0.00072	ng/g	NC	30
6437316	233'4'55'-HexaCB-(162)	2019/11/29	0	N/A			<0.00068	ng/g	NC	30
6437316	233'456-HexaCB-(160)	2019/11/29	0	N/A			<0.0012	ng/g	NC	30
6437316	233'45'6-HexaCB-(161)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	233'4'5'6-HexaCB-(164)	2019/11/29	0	N/A			<0.00093	ng/g	NC (4)	30
6437316	233'45-PentaCB-(106)	2019/11/29	0	N/A			<0.00051	ng/g	NC	30
6437316	233'4'5-PentaCB-(107)	2019/11/29	0	N/A			<0.00048	ng/g	NC	30
6437316	233'4'5'-PentaCB-(122)	2019/11/29	0	N/A			<0.00059	ng/g	NC	30
6437316	233'4'-Tetra CB(56)	2019/11/29	0	N/A			<0.00058	ng/g	NC (4)	30
6437316	233'4-TetraCB-(55)	2019/11/29	0	N/A			<0.00058	ng/g	NC	30
6437316	233'55'6-HexaCB-(165)	2019/11/29	0	N/A			<0.0011	ng/g	NC	30
6437316	233'55'-PentaCB-(111)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	233'56-PentaCB-(112)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	233'5-TetraCB-(57)	2019/11/29	0	N/A			<0.00056	ng/g	NC	30
6437316	233'5'-TetraCB-(58)	2019/11/29	0	N/A			<0.00056	ng/g	NC	30
6437316	23'44'55'-HexaCB-(167)	2019/11/29	94	50 - 150	88	50 - 150	<0.00071	ng/g	NC (4)	30
6437316	2344'5-PentaCB-(114)	2019/11/29	95	50 - 150	93	50 - 150	<0.00061	ng/g	NC	30
6437316	23'44'5-PentaCB-(118)	2019/11/29	75	50 - 150	93	50 - 150	<0.00062	ng/g	11	30
6437316	23'44'5'-PentaCB-(123)	2019/11/29	96	50 - 150	93	50 - 150	<0.00066	ng/g	NC	30
6437316	2344'-TetraCB -(60)	2019/11/29	0	N/A			<0.00057	ng/g	NC (4)	30
6437316	23'44'-TetraCB-(66)	2019/11/29	0	N/A			<0.00053	ng/g	22	30
6437316	23'455'-PentaCB-(120)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	23'45'6-PentaCB-(121)	2019/11/29	0	N/A			<0.0010	ng/g	NC	30
6437316	234'5-TetraCB-(63)	2019/11/29	0	N/A			<0.00053	ng/g	NC	30
6437316	23'45-TetraCB-(67)	2019/11/29	0	N/A			<0.00050	ng/g	NC	30
6437316	23'45'-TetraCB-(68)	2019/11/29	0	N/A			<0.00081 (4)	ng/g	NC	30
6437316	234'6-TetraCB-(64)	2019/11/29	0	N/A			<0.00071	ng/g	NC	30
6437316	234'-TriCB-(22)	2019/11/29	0	N/A			<0.00052	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	23'4-TriCB-(25)	2019/11/29	0	N/A			<0.00050	ng/g	NC	30
6437316	23'55'-TetraCB-(72)	2019/11/29	0	N/A			<0.00057	ng/g	NC	30
6437316	23'5'6-TetraCB-(73)	2019/11/29	0	N/A			<0.00060	ng/g	NC	30
6437316	235-TriCB-(23)	2019/11/29	85	50 - 150	81	50 - 150	<0.00051	ng/g	NC	30
6437316	23'5'-TriCB-(34)	2019/11/29	83	50 - 150	71	50 - 150	<0.00051	ng/g	NC	30
6437316	236-TriCB-(24)	2019/11/29	0	N/A			<0.00096	ng/g	NC	30
6437316	23'6-TriCB-(27)	2019/11/29	0	N/A			<0.00096	ng/g	NC	30
6437316	24'5-TriCB-(31)	2019/11/29	0	N/A			0.00060, RDL=0.010	ng/g	NC	30
6437316	24'6-TriCB-(32)	2019/11/29	0	N/A			<0.00087	ng/g	NC	30
6437316	2-MonoCB-(1)	2019/11/29	97	50 - 150	97	50 - 150	<0.00096	ng/g	NC	30
6437316	3,3'-DiCB-(11)	2019/11/29	0	N/A			<0.0083	ng/g	NC	30
6437316	3,5-DiCB-(14)	2019/11/29	0	N/A			<0.0082	ng/g	NC	30
6437316	33'44'55'-HexaCB-(169)	2019/11/29	92	50 - 150	90	50 - 150	<0.00075	ng/g	NC	30
6437316	33'44'5-PentaCB-(126)	2019/11/29	93	50 - 150	94	50 - 150	<0.00059	ng/g	NC	30
6437316	33'44'-TetraCB-(77)	2019/11/29	91	50 - 150	90	50 - 150	<0.00063	ng/g	NC	30
6437316	33'455'-PentaCB-(127)	2019/11/29	0	N/A			<0.00051	ng/g	NC	30
6437316	33'45-TetraCB-(78)	2019/11/29	0	N/A			<0.00055	ng/g	NC	30
6437316	33'45'-TetraCB(79)	2019/11/29	0	N/A			<0.00047	ng/g	NC	30
6437316	33'4-TriCB-(35)	2019/11/29	0	N/A			<0.00050	ng/g	NC	30
6437316	33'55'-TetraCB-(80)	2019/11/29	0	N/A			<0.00048	ng/g	NC	30
6437316	33'5-TriCB-(36)	2019/11/29	0	N/A			<0.00042	ng/g	NC	30
6437316	344'5-TetraCB-(81)	2019/11/29	93	50 - 150	89	50 - 150	<0.00063	ng/g	NC	30
6437316	344'-TriCB-(37)	2019/11/29	87	50 - 150	85	50 - 150	<0.00067	ng/g	NC	30
6437316	345-TriCB-(38)	2019/11/29	0	N/A			<0.00048	ng/g	NC	30
6437316	34'5-TriCB-(39)	2019/11/29	0	N/A			<0.00047	ng/g	NC	30
6437316	3-MonoCB-(2)	2019/11/29	0	N/A			<0.00090	ng/g	NC	30
6437316	4,4'-DiCB-(15)	2019/11/29	97	50 - 150	94	50 - 150	<0.011	ng/g	NC	30
6437316	4-MonoCB-(3)	2019/11/29	89	50 - 150	88	50 - 150	<0.00094	ng/g	NC	30
6437316	DecaCB-(209)	2019/11/29	90	50 - 150	87	50 - 150	<0.0013	ng/g	NC	30
6437316	DiCB-(12)+(13)	2019/11/29	0	N/A			<0.0081	ng/g	NC	30
6437316	HeptaCB-(171)+(173)	2019/11/29	0	N/A			<0.00090	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437316	HeptaCB-(180)+(193)	2019/11/29	70	50 - 150	80	50 - 150	<0.00071	ng/g	7.9	30
6437316	HexaCB-(128)+(166)	2019/11/29	71	N/A	78	N/A	<0.0012	ng/g	NC	30
6437316	HexaCB-(129)+(138)+(163)	2019/11/29	0	N/A			<0.0014	ng/g	7.5	30
6437316	HexaCB-(134)+(143)	2019/11/29	0	N/A			<0.0016	ng/g	NC	30
6437316	HexaCB-(135)+(151)	2019/11/29	0	N/A			<0.00069	ng/g	4.3	30
6437316	HexaCB-(139)+(140)	2019/11/29	0	N/A			<0.0013	ng/g	NC (4)	30
6437316	HexaCB-(147)+(149)	2019/11/29	0	N/A			<0.0032	ng/g	NC	30
6437316	HexaCB-(153)+(168)	2019/11/29	0	N/A			<0.0011	ng/g	5.7	30
6437316	HexaCB-(156)+(157)	2019/11/29	90	50 - 150	93	50 - 150	<0.00075	ng/g	NC	30
6437316	OctaCB-(198)+(199)	2019/11/29	0	N/A			<0.00094	ng/g	NC	30
6437316	PentaCB-(108)+(124)	2019/11/29	0	N/A			<0.00055	ng/g	NC (4)	30
6437316	PentaCB-(110)+(115)	2019/11/29	0	N/A			<0.0012	ng/g	5.2	30
6437316	PentaCB-(83)+(99)	2019/11/29	0	N/A			<0.0014	ng/g	7.3	30
6437316	PentaCB-(85)+(116)+(117)	2019/11/29	0	N/A			<0.0012	ng/g	NC	30
6437316	PentaCB-(86)(87)(97)(109)(119)(125)	2019/11/29	0	N/A			<0.0012	ng/g	NC	30
6437316	PentaCB-(88)+(91)	2019/11/29	0	N/A			<0.0014	ng/g	NC	30
6437316	PentaCB-(90)+(101)+(113)	2019/11/29	79	N/A	90	N/A	<0.0012	ng/g	13	30
6437316	PentaCB-(93)+(98)+(100)+(102)	2019/11/29	0	N/A			<0.0014	ng/g	NC	30
6437316	TetraCB-(40)+(41)+(71)	2019/11/29	0	N/A			<0.00087	ng/g	NC	30
6437316	TetraCB-(44)+(47)+(65)	2019/11/29	0	N/A			0.00465, RDL=0.030	ng/g	NC	30
6437316	TetraCB-(45)+(51)	2019/11/29	0	N/A			<0.0013 (4)	ng/g	NC	30
6437316	TetraCB-(49)+TetraCB-(69)	2019/11/29	0	N/A			<0.00080	ng/g	NC	30
6437316	TetraCB-(50)+(53)	2019/11/29	0	N/A			<0.00086	ng/g	NC	30
6437316	TetraCB-(59)+(62)+(75)	2019/11/29	0	N/A			<0.00067	ng/g	NC	30
6437316	TetraCB-(61)+(70)+(74)+(76)	2019/11/29	0	N/A			<0.00057	ng/g	NC	30
6437316	TriCB-(18)+(30)	2019/11/29	0	N/A			<0.0011	ng/g	NC	30
6437316	TriCB-(20) + (28)	2019/11/29	0	N/A			0.00079, RDL=0.020	ng/g	NC	30
6437316	TriCB-(21)+(33)	2019/11/29	0	N/A			<0.00053	ng/g	NC	30
6437316	TriCB-(26)+(29)	2019/11/29	0	N/A			<0.00050	ng/g	NC	30
6437774	2,3-DiCB-(5)	2019/12/13					<0.00098	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	2,3'-DiCB-(6)	2019/12/13					<0.00096	ng/g		
6437774	2,4-DiCB-(7)	2019/12/13					<0.00097	ng/g		
6437774	2,4'-DiCB-(8)	2019/12/13					<0.00096	ng/g		
6437774	2,5-DiCB-(9)	2019/12/13					<0.00098	ng/g		
6437774	2,6-DiCB-(10)	2019/12/13					<0.0034	ng/g		
6437774	22'33'44'55'6-NonaCB-(206)	2019/12/13	97	50 - 150	93	50 - 150	<0.0042	ng/g		
6437774	22'33'44'55'-OctaCB-(194)	2019/12/13					<0.0031	ng/g		
6437774	22'33'44'566'-NonaCB-(207)	2019/12/13					<0.0035	ng/g		
6437774	22'33'44'56-OctaCB-(195)	2019/12/13					<0.0034	ng/g		
6437774	22'33'44'56'-OctaCB-(196)	2019/12/13					<0.0061	ng/g		
6437774	22'33'44'5-HeptaCB-(170)	2019/12/13	101	50 - 150	98	50 - 150	<0.0040	ng/g		
6437774	22'33'44'66'OctaCB-(197)	2019/12/13					<0.0041	ng/g		
6437774	22'33'455'66'-NonaCB-(208)	2019/12/13	108	50 - 150	105	50 - 150	<0.0042	ng/g		
6437774	22'33'455'-HeptaCB-(172)	2019/12/13					<0.0059	ng/g		
6437774	22'33'4566'-OctaCB-(200)	2019/12/13					<0.0043	ng/g		
6437774	22'33'45'66'-OctaCB-(201)	2019/12/13					<0.0044	ng/g		
6437774	22'33'456'-HeptaCB-(174)	2019/12/13					<0.0049	ng/g		
6437774	22'33'45'6-HeptaCB-(175)	2019/12/13					<0.0065	ng/g		
6437774	22'33'45'6'-HeptaCB-(177)	2019/12/13					<0.0055	ng/g		
6437774	22'33'45'-HexaCB-(130)	2019/12/13					<0.0060	ng/g		
6437774	22'33'466'-HeptaCB-(176)	2019/12/13					<0.0048	ng/g		
6437774	22'33'46-HexaCB-(131)	2019/12/13					<0.0065	ng/g		
6437774	22'33'46'-HexaCB-(132)	2019/12/13					<0.0057	ng/g		
6437774	22'33'4-PentaCB-(82)	2019/12/13					<0.0085	ng/g		
6437774	22'33'55'66'-OctaCB-(202)	2019/12/13	101	50 - 150	92	50 - 150	<0.0039	ng/g		
6437774	22'33'55'6-HeptaCB-(178)	2019/12/13					<0.0068	ng/g		
6437774	22'33'55'-HexaCB-(133)	2019/12/13					<0.0053	ng/g		
6437774	22'33'566'-HeptaCB-(179)	2019/12/13					<0.0047	ng/g		
6437774	22'33'66'-HexaCB-(136)	2019/12/13					<0.0071	ng/g		
6437774	22'33'6-PentaCB-(84)	2019/12/13					<0.0084	ng/g		
6437774	22'344'55'6-OctaCB-(203)	2019/12/13					<0.0056	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	22'344'566'-OctaCB-(204)	2019/12/13					<0.0044	ng/g		
6437774	22'344'56-HeptaCB-(181)	2019/12/13					<0.0052	ng/g		
6437774	22'344'56'-HeptaCB-(182)	2019/12/13					<0.0063	ng/g		
6437774	22'344'5'6-HeptaCB-(183)	2019/12/13					<0.0049	ng/g		
6437774	22'344'5-HexaCB-(137)	2019/12/13					<0.0058	ng/g		
6437774	22'344'66'-HeptaCB-(184)	2019/12/13					<0.0044	ng/g		
6437774	22'3455'6-HeptaCB-(185)	2019/12/13					<0.0054	ng/g		
6437774	22'34'55'6-HeptaCB-(187)	2019/12/13					0.0142, RDL=0.010 (21)	ng/g		
6437774	22'3455'-HexaCB-(141)	2019/12/13					<0.0054	ng/g		
6437774	22'34'55'-HexaCB-(146)	2019/12/13					0.0087, RDL=0.010	ng/g		
6437774	22'34566'-HeptaCB-(186)	2019/12/13					<0.0048	ng/g		
6437774	22'34'566'-HeptaCB-(188)	2019/12/13	97	50 - 150	93	50 - 150	<0.0042	ng/g		
6437774	22'3456-HexaCB-(142)	2019/12/13					<0.0056	ng/g		
6437774	22'345'6-HexaCB-(144)	2019/12/13					<0.0098	ng/g		
6437774	22'34'56'-HexaCB-(148)	2019/12/13					<0.0095	ng/g		
6437774	22'3466'-HexaCB-(145)	2019/12/13					<0.0071	ng/g		
6437774	22'34'66'-HexaCB-(150)	2019/12/13					<0.0073	ng/g		
6437774	22'346'-PentaCB-(89)	2019/12/13					<0.0079	ng/g		
6437774	22'34'-TetraCB-(42)	2019/12/13					<0.0066	ng/g		
6437774	22'355'-PentaCB-(92)	2019/12/13					<0.0075	ng/g		
6437774	22'3566'-HexaCB-(152)	2019/12/13					<0.0066	ng/g		
6437774	22'356'-PentaCB-(94)	2019/12/13					<0.0079	ng/g		
6437774	22'35'6-PentaCB-(95)	2019/12/13					<0.0084 (4)	ng/g		
6437774	22'35-TetraCB-(43)	2019/12/13					<0.0072	ng/g		
6437774	22'366'-PentaCB-(96)	2019/12/13					<0.0033	ng/g		
6437774	22'36'-TetraCB-(46)	2019/12/13					<0.0065	ng/g		
6437774	22'3-TriCB-(16)	2019/12/13					<0.0067	ng/g		
6437774	22'44'56'-HexaCB-(154)	2019/12/13					<0.0083	ng/g		
6437774	22'44'66'-HexaCB-(155)	2019/12/13	87	50 - 150	88	50 - 150	<0.0044	ng/g		
6437774	22'45'6-PentaCB-(103)	2019/12/13					<0.0067	ng/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	22'45-TetraCB-(48)	2019/12/13					<0.0054	ng/g		
6437774	22'466'-PentaCB-(104)	2019/12/13	91	50 - 150	95	50 - 150	<0.0018	ng/g		
6437774	22'4-TriCB-(17)	2019/12/13					<0.0056	ng/g		
6437774	22'55'-TetraCB-(52)	2019/12/13					0.0168, RDL=0.010	ng/g		
6437774	22'66'-TetraCB-(54)	2019/12/13	87	50 - 150	87	50 - 150	<0.0021	ng/g		
6437774	22'6-TriCB-(19)	2019/12/13	102	50 - 150	94	50 - 150	<0.0036	ng/g		
6437774	22'-DiCB-(4)	2019/12/13	113	50 - 150	93	50 - 150	<0.0027	ng/g		
6437774	233'44'55'6-OctaCB-(205)	2019/12/13	111	50 - 150	98	50 - 150	<0.0031	ng/g		
6437774	233'44'55'-HeptaCB-(189)	2019/12/13	105	50 - 150	100	50 - 150	<0.0017	ng/g		
6437774	233'44'56-HeptaCB-(190)	2019/12/13					<0.0044	ng/g		
6437774	233'44'5'6-HeptaCB-(191)	2019/12/13					<0.0044	ng/g		
6437774	233'44'6-HexaCB-(158)	2019/12/13					<0.0036	ng/g		
6437774	233'44'-PentaCB-(105)	2019/12/13	112	50 - 150	121	50 - 150	0.0119, RDL=0.010	ng/g		
6437774	233'455'6-HeptaCB-(192)	2019/12/13					<0.0047	ng/g		
6437774	233'455'-HexaCB-(159)	2019/12/13					<0.0023	ng/g		
6437774	233'4'55'-HexaCB-(162)	2019/12/13					<0.0023	ng/g		
6437774	233'456-HexaCB-(160)	2019/12/13					<0.0047	ng/g		
6437774	233'45'6-HexaCB-(161)	2019/12/13					<0.0039	ng/g		
6437774	233'4'5'6-HexaCB-(164)	2019/12/13					<0.0039	ng/g		
6437774	233'45-PentaCB-(106)	2019/12/13					<0.0029	ng/g		
6437774	233'4'5-PentaCB-(107)	2019/12/13					<0.0027	ng/g		
6437774	233'4'5'-PentaCB-(122)	2019/12/13					<0.0032	ng/g		
6437774	233'4'-Tetra CB(56)	2019/12/13					<0.0030	ng/g		
6437774	233'4-TetraCB-(55)	2019/12/13					<0.0028	ng/g		
6437774	233'55'6-HexaCB-(165)	2019/12/13					<0.0041	ng/g		
6437774	233'55'-PentaCB-(111)	2019/12/13					<0.0054	ng/g		
6437774	233'56-PentaCB-(112)	2019/12/13					<0.0049	ng/g		
6437774	233'5-TetraCB-(57)	2019/12/13					<0.0028	ng/g		
6437774	233'5'-TetraCB-(58)	2019/12/13					<0.0028	ng/g		
6437774	23'44'55'-HexaCB-(167)	2019/12/13	113	50 - 150	105	50 - 150	<0.0031	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	2344'5-PentaCB-(114)	2019/12/13	111	50 - 150	106	50 - 150	<0.0038	ng/g		
6437774	23'44'5-PentaCB-(118)	2019/12/13	NC (20)	50 - 150	132	50 - 150	0.0267, RDL=0.010	ng/g		
6437774	23'44'5'-PentaCB-(123)	2019/12/13	93	50 - 150	111	50 - 150	<0.0042	ng/g		
6437774	2344'-TetraCB -(60)	2019/12/13					<0.0029	ng/g		
6437774	23'44'-TetraCB-(66)	2019/12/13					0.0127, RDL=0.010	ng/g		
6437774	23'455'-PentaCB-(120)	2019/12/13					<0.0052	ng/g		
6437774	23'45'6-PentaCB-(121)	2019/12/13					<0.0054	ng/g		
6437774	234'5-TetraCB-(63)	2019/12/13					<0.0027	ng/g		
6437774	23'45-TetraCB-(67)	2019/12/13					<0.0024	ng/g		
6437774	23'45'-TetraCB-(68)	2019/12/13					<0.0028	ng/g		
6437774	234'6-TetraCB-(64)	2019/12/13					<0.0044	ng/g		
6437774	234'-TriCB-(22)	2019/12/13					<0.0015	ng/g		
6437774	23'4-TriCB-(25)	2019/12/13					<0.0015	ng/g		
6437774	23'55'-TetraCB-(72)	2019/12/13					<0.0029	ng/g		
6437774	23'5'6-TetraCB-(73)	2019/12/13					<0.0044	ng/g		
6437774	235-TriCB-(23)	2019/12/13					<0.0016	ng/g		
6437774	23'5'-TriCB-(34)	2019/12/13					<0.0015	ng/g		
6437774	236-TriCB-(24)	2019/12/13					<0.0042	ng/g		
6437774	23'6-TriCB-(27)	2019/12/13					<0.0038	ng/g		
6437774	24'5-TriCB-(31)	2019/12/13					0.0044, RDL=0.010	ng/g		
6437774	24'6-TriCB-(32)	2019/12/13					<0.0036	ng/g		
6437774	2-MonoCB-(1)	2019/12/13	119	50 - 150	117	50 - 150	<0.0010	ng/g		
6437774	3,3'-DiCB-(11)	2019/12/13					<0.0010	ng/g		
6437774	3,5-DiCB-(14)	2019/12/13					<0.00098	ng/g		
6437774	33'44'55'-HexaCB-(169)	2019/12/13	111	50 - 150	102	50 - 150	<0.0032	ng/g		
6437774	33'44'5-PentaCB-(126)	2019/12/13	108	50 - 150	104	50 - 150	<0.0036	ng/g		
6437774	33'44'-TetraCB-(77)	2019/12/13	99	50 - 150	97	50 - 150	<0.0041	ng/g		
6437774	33'455'-PentaCB-(127)	2019/12/13					<0.0029	ng/g		
6437774	33'45-TetraCB-(78)	2019/12/13					<0.0028	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	33'45'-TetraCB(79)	2019/12/13					<0.0024	ng/g		
6437774	33'4-TriCB-(35)	2019/12/13					<0.0015	ng/g		
6437774	33'55'-TetraCB-(80)	2019/12/13					<0.0024	ng/g		
6437774	33'5-TriCB-(36)	2019/12/13					<0.0013	ng/g		
6437774	344'5-TetraCB-(81)	2019/12/13	117	50 - 150	104	50 - 150	<0.0039	ng/g		
6437774	344'-TriCB-(37)	2019/12/13	105	50 - 150	106	50 - 150	<0.0028	ng/g		
6437774	345-TriCB-(38)	2019/12/13					<0.0014	ng/g		
6437774	34'5-TriCB-(39)	2019/12/13					<0.0014	ng/g		
6437774	3-MonoCB-(2)	2019/12/13					<0.00081	ng/g		
6437774	4,4'-DiCB-(15)	2019/12/13	120	50 - 150	116	50 - 150	<0.0018	ng/g		
6437774	4-MonoCB-(3)	2019/12/13	112	50 - 150	109	50 - 150	<0.00099	ng/g		
6437774	DecaCB-(209)	2019/12/13	92	50 - 150	91	50 - 150	<0.0036	ng/g		
6437774	DiCB-(12)+(13)	2019/12/13					<0.00098	ng/g		
6437774	HeptaCB-(171)+(173)	2019/12/13					<0.0056	ng/g		
6437774	HeptaCB-(180)+(193)	2019/12/13	112	50 - 150	92	50 - 150	0.0085, RDL=0.020	ng/g		
6437774	HexaCB-(128)+(166)	2019/12/13					<0.0045	ng/g		
6437774	HexaCB-(129)+(138)+(163)	2019/12/13					<0.034 (4)	ng/g		
6437774	HexaCB-(134)+(143)	2019/12/13					<0.0059	ng/g		
6437774	HexaCB-(135)+(151)	2019/12/13					<0.0095	ng/g		
6437774	HexaCB-(139)+(140)	2019/12/13					<0.0048	ng/g		
6437774	HexaCB-(147)+(149)	2019/12/13					0.0159, RDL=0.020	ng/g		
6437774	HexaCB-(153)+(168)	2019/12/13					0.0416, RDL=0.010 (21)	ng/g		
6437774	HexaCB-(156)+(157)	2019/12/13	106	50 - 150	110	50 - 150	<0.0032	ng/g		
6437774	OctaCB-(198)+(199)	2019/12/13					<0.0059	ng/g		
6437774	PentaCB-(108)+(124)	2019/12/13					<0.0029	ng/g		
6437774	PentaCB-(110)+(115)	2019/12/13					<0.017 (4)	ng/g		
6437774	PentaCB-(83)+(99)	2019/12/13					0.0248, RDL=0.020	ng/g		
6437774	PentaCB-(85)+(116)+(117)	2019/12/13					<0.0056	ng/g		

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6437774	PentaCB-(86)(87)(97)(109)(119)(125)	2019/12/13					0.0122, RDL=0.060	ng/g		
6437774	PentaCB-(88)+(91)	2019/12/13					<0.0073	ng/g		
6437774	PentaCB-(90)+(101)+(113)	2019/12/13					0.0258, RDL=0.030	ng/g		
6437774	PentaCB-(93)+(98)+(100)+(102)	2019/12/13					<0.0074	ng/g		
6437774	TetraCB-(40)+(41)+(71)	2019/12/13					<0.0054	ng/g		
6437774	TetraCB-(44)+(47)+(65)	2019/12/13					0.0110, RDL=0.030	ng/g		
6437774	TetraCB-(45)+(51)	2019/12/13					<0.0056	ng/g		
6437774	TetraCB-(49)+TetraCB-(69)	2019/12/13					<0.0049	ng/g		
6437774	TetraCB-(50)+(53)	2019/12/13					<0.0055	ng/g		
6437774	TetraCB-(59)+(62)+(75)	2019/12/13					<0.0040	ng/g		
6437774	TetraCB-(61)+(70)+(74)+(76)	2019/12/13					0.0207, RDL=0.040	ng/g		
6437774	TriCB-(18)+(30)	2019/12/13					<0.0046	ng/g		
6437774	TriCB-(20) + (28)	2019/12/13					0.0060, RDL=0.020	ng/g		
6437774	TriCB-(21)+(33)	2019/12/13					<0.0015	ng/g		
6437774	TriCB-(26)+(29)	2019/12/13					<0.0015	ng/g		
6439793	2,3-DiCB-(5)	2019/12/10					<0.00019	ng/g	NC	30
6439793	2,3'-DiCB-(6)	2019/12/10					<0.00019	ng/g	NC	30
6439793	2,4-DiCB-(7)	2019/12/10					<0.00019	ng/g	NC	30
6439793	2,4'-DiCB-(8)	2019/12/10					<0.00020	ng/g	NC	30
6439793	2,5-DiCB-(9)	2019/12/10					<0.00019	ng/g	NC	30
6439793	2,6-DiCB-(10)	2019/12/10					<0.00034	ng/g	NC	30
6439793	22'33'44'55'6-NonaCB-(206)	2019/12/10	92	50 - 150	84	50 - 150	<0.00045	ng/g	NC	30
6439793	22'33'44'55'-OctaCB-(194)	2019/12/10					<0.00082	ng/g	NC	30
6439793	22'33'44'566'-NonaCB-(207)	2019/12/10					<0.00039	ng/g	NC	30
6439793	22'33'44'56-OctaCB-(195)	2019/12/10					<0.00091	ng/g	NC	30
6439793	22'33'44'56'-OctaCB-(196)	2019/12/10					<0.0019	ng/g	NC	30
6439793	22'33'44'5-HeptaCB-(170)	2019/12/10	127	50 - 150	91	50 - 150	<0.00093	ng/g	69 (11)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	22'33'44'66'OctaCB-(197)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'33'455'66'-NonaCB-(208)	2019/12/10	95	50 - 150	85	50 - 150	<0.00046	ng/g	NC	30
6439793	22'33'455'-HeptaCB-(172)	2019/12/10					<0.0015	ng/g	NC	30
6439793	22'33'4566'-OctaCB-(200)	2019/12/10					<0.0013	ng/g	NC	30
6439793	22'33'45'66'-OctaCB-(201)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'33'456'-HeptaCB-(174)	2019/12/10					<0.0014	ng/g	133 (9)	30
6439793	22'33'45'6-HeptaCB-(175)	2019/12/10					<0.0013	ng/g	NC	30
6439793	22'33'45'6'-HeptaCB-(177)	2019/12/10					<0.0014	ng/g	108 (4)	30
6439793	22'33'45'-HexaCB-(130)	2019/12/10					<0.0014	ng/g	61 (11)	30
6439793	22'33'466'-HeptaCB-(176)	2019/12/10					<0.0010	ng/g	5.1	30
6439793	22'33'46-HexaCB-(131)	2019/12/10					<0.0015	ng/g	NC	30
6439793	22'33'46'-HexaCB-(132)	2019/12/10					<0.0013	ng/g	62 (11)	30
6439793	22'33'4-PentaCB-(82)	2019/12/10					<0.00098	ng/g	NC	30
6439793	22'33'55'66'-OctaCB-(202)	2019/12/10	110	50 - 150	90	50 - 150	<0.0012	ng/g	0.74	30
6439793	22'33'55'6-HeptaCB-(178)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'33'55'-HexaCB-(133)	2019/12/10					<0.0012	ng/g	NC	30
6439793	22'33'566'-HeptaCB-(179)	2019/12/10					<0.0010	ng/g	NC	30
6439793	22'33'66'-HexaCB-(136)	2019/12/10					<0.0011	ng/g	78 (11)	30
6439793	22'33'6-PentaCB-(84)	2019/12/10					<0.00098	ng/g	53 (11)	30
6439793	22'344'55'6-OctaCB-(203)	2019/12/10					<0.0017	ng/g	NC	30
6439793	22'344'566'-OctaCB-(204)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'344'56-HeptaCB-(181)	2019/12/10					<0.0013	ng/g	NC	30
6439793	22'344'56'-HeptaCB-(182)	2019/12/10	92	50 - 150			<0.0013	ng/g	NC	30
6439793	22'344'5'6-HeptaCB-(183)	2019/12/10					<0.0011	ng/g	46 (11)	30
6439793	22'344'5-HexaCB-(137)	2019/12/10					<0.0014	ng/g	61 (11)	30
6439793	22'344'66'-HeptaCB-(184)	2019/12/10					<0.00095	ng/g	NC	30
6439793	22'3455'6-HeptaCB-(185)	2019/12/10					<0.0015	ng/g	NC	30
6439793	22'34'55'6-HeptaCB-(187)	2019/12/10	130	50 - 150			<0.0013	ng/g	55 (11)	30
6439793	22'3455'-HexaCB-(141)	2019/12/10					<0.0012	ng/g	54 (11)	30
6439793	22'34'55'-HexaCB-(146)	2019/12/10					<0.0011	ng/g	58 (11)	30
6439793	22'34566'-HeptaCB-(186)	2019/12/10					<0.0010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	22'34'566'-HeptaCB-(188)	2019/12/10	96	50 - 150	91	50 - 150	<0.00081	ng/g	NC	30
6439793	22'3456-HexaCB-(142)	2019/12/10					<0.0013	ng/g	NC	30
6439793	22'345'6-HexaCB-(144)	2019/12/10					<0.0016	ng/g	NC	30
6439793	22'34'56'-HexaCB-(148)	2019/12/10					<0.0016	ng/g	NC	30
6439793	22'3466'-HexaCB-(145)	2019/12/10					<0.0012	ng/g	NC	30
6439793	22'34'66'-HexaCB-(150)	2019/12/10					<0.0011	ng/g	NC	30
6439793	22'346'-PentaCB-(89)	2019/12/10					<0.00093	ng/g	NC	30
6439793	22'34'-TetraCB-(42)	2019/12/10					<0.0011	ng/g	15	30
6439793	22'355'-PentaCB-(92)	2019/12/10					<0.00091	ng/g	58 (11)	30
6439793	22'3566'-HexaCB-(152)	2019/12/10					<0.0011	ng/g	NC	30
6439793	22'356'-PentaCB-(94)	2019/12/10					<0.00093	ng/g	NC	30
6439793	22'35'6-PentaCB-(95)	2019/12/10					<0.00082	ng/g	62 (11)	30
6439793	22'35-TetraCB-(43)	2019/12/10					<0.0011	ng/g	NC	30
6439793	22'366'-PentaCB-(96)	2019/12/10					<0.0012	ng/g	NC	30
6439793	22'36'-TetraCB-(46)	2019/12/10					<0.0011	ng/g	NC	30
6439793	22'3-TriCB-(16)	2019/12/10					<0.0018	ng/g	NC	30
6439793	22'44'56'-HexaCB-(154)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'44'66'-HexaCB-(155)	2019/12/10	96	50 - 150	89	50 - 150	<0.00062	ng/g	NC	30
6439793	22'45'6-PentaCB-(103)	2019/12/10					<0.00078	ng/g	NC	30
6439793	22'45-TetraCB-(48)	2019/12/10					<0.00094	ng/g	NC	30
6439793	22'466'-PentaCB-(104)	2019/12/10	94	50 - 150	93	50 - 150	<0.00060	ng/g	NC	30
6439793	22'4-TriCB-(17)	2019/12/10					<0.0014	ng/g	NC	30
6439793	22'55'-TetraCB-(52)	2019/12/10					<0.00087	ng/g	63 (11)	30
6439793	22'66'-TetraCB-(54)	2019/12/10	111	50 - 150	100	50 - 150	<0.00048	ng/g	NC	30
6439793	22'6-TriCB-(19)	2019/12/10	81	50 - 150	94	50 - 150	<0.00091	ng/g	NC	30
6439793	22'-DiCB-(4)	2019/12/10	117	50 - 150	108	50 - 150	<0.00029	ng/g	NC	30
6439793	233'44'55'6-OctaCB-(205)	2019/12/10	99	50 - 150	95	50 - 150	<0.00087	ng/g	NC	30
6439793	233'44'55'-HeptaCB-(189)	2019/12/10	97	50 - 150	87	50 - 150	<0.00052	ng/g	NC	30
6439793	233'44'56-HeptaCB-(190)	2019/12/10					<0.0011	ng/g	28	30
6439793	233'44'5'6-HeptaCB-(191)	2019/12/10					<0.0011	ng/g	NC	30
6439793	233'44'6-HexaCB-(158)	2019/12/10					<0.00081	ng/g	62 (11)	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	233'44'-PentaCB-(105)	2019/12/10	215 (22)	50 - 150	96	50 - 150	<0.00032	ng/g	69 (11)	30
6439793	233'455'6-HeptaCB-(192)	2019/12/10					<0.0011	ng/g	NC	30
6439793	233'455'-HexaCB-(159)	2019/12/10					<0.00039	ng/g	NC	30
6439793	233'4'55'-HexaCB-(162)	2019/12/10					<0.00038	ng/g	NC	30
6439793	233'456-HexaCB-(160)	2019/12/10					<0.00096	ng/g	NC	30
6439793	233'45'6-HexaCB-(161)	2019/12/10					<0.00090	ng/g	NC	30
6439793	233'4'5'6-HexaCB-(164)	2019/12/10					<0.00081	ng/g	54 (11)	30
6439793	233'45-PentaCB-(106)	2019/12/10					<0.00026	ng/g	NC	30
6439793	233'4'5-PentaCB-(107)	2019/12/10					<0.00022	ng/g	61 (11)	30
6439793	233'4'5'-PentaCB-(122)	2019/12/10					<0.00027	ng/g	NC	30
6439793	233'4'-Tetra CB(56)	2019/12/10					<0.00038	ng/g	66 (11)	30
6439793	233'4-TetraCB-(55)	2019/12/10					<0.00037	ng/g	NC	30
6439793	233'55'6-HexaCB-(165)	2019/12/10					<0.00094	ng/g	NC	30
6439793	233'55'-PentaCB-(111)	2019/12/10					<0.00061	ng/g	NC	30
6439793	233'56-PentaCB-(112)	2019/12/10					<0.00065	ng/g	NC	30
6439793	233'5-TetraCB-(57)	2019/12/10					<0.00037	ng/g	NC	30
6439793	233'5'-TetraCB-(58)	2019/12/10					<0.00036	ng/g	NC	30
6439793	23'44'55'-HexaCB-(167)	2019/12/10	119	50 - 150	94	50 - 150	<0.00049	ng/g	45 (11)	30
6439793	2344'5-PentaCB-(114)	2019/12/10	104	50 - 150	95	50 - 150	<0.00032	ng/g	NC	30
6439793	23'44'5-PentaCB-(118)	2019/12/10	NC (22)	50 - 150	97	50 - 150	<0.00031	ng/g	59 (11)	30
6439793	23'44'5'-PentaCB-(123)	2019/12/10	128	50 - 150	96	50 - 150	<0.00035	ng/g	NC	30
6439793	2344'-TetraCB -(60)	2019/12/10					<0.00037	ng/g	82 (11)	30
6439793	23'44'-TetraCB-(66)	2019/12/10					<0.00035	ng/g	56 (11)	30
6439793	23'455'-PentaCB-(120)	2019/12/10					<0.00061	ng/g	NC	30
6439793	23'45'6-PentaCB-(121)	2019/12/10					<0.00064	ng/g	NC	30
6439793	234'5-TetraCB-(63)	2019/12/10					<0.00034	ng/g	2.5	30
6439793	23'45-TetraCB-(67)	2019/12/10					<0.00030	ng/g	NC	30
6439793	23'45'-TetraCB-(68)	2019/12/10					<0.00035	ng/g	NC	30
6439793	234'6-TetraCB-(64)	2019/12/10					<0.00075	ng/g	60 (11)	30
6439793	234'-TriCB-(22)	2019/12/10					<0.00031	ng/g	NC	30
6439793	23'4-TriCB-(25)	2019/12/10					<0.00028	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	23'55'-TetraCB-(72)	2019/12/10					<0.00037	ng/g	NC	30
6439793	23'5'6-TetraCB-(73)	2019/12/10					<0.00075	ng/g	NC	30
6439793	235-TriCB-(23)	2019/12/10					<0.00031	ng/g	NC	30
6439793	23'5'-TriCB-(34)	2019/12/10					<0.00030	ng/g	NC	30
6439793	236-TriCB-(24)	2019/12/10					<0.00093	ng/g	NC	30
6439793	23'6-TriCB-(27)	2019/12/10					<0.00098	ng/g	NC	30
6439793	24'5-TriCB-(31)	2019/12/10					0.00072, RDL=0.0099	ng/g	NC	30
6439793	24'6-TriCB-(32)	2019/12/10					<0.00089	ng/g	NC	30
6439793	2-MonoCB-(1)	2019/12/10	115	50 - 150	109	50 - 150	<0.00027	ng/g	NC	30
6439793	3,3'-DiCB-(11)	2019/12/10					<0.0029 (4)	ng/g	NC	30
6439793	3,5-DiCB-(14)	2019/12/10					<0.00020	ng/g	NC	30
6439793	33'44'55'-HexaCB-(169)	2019/12/10	102	50 - 150	95	50 - 150	<0.00051	ng/g	NC	30
6439793	33'44'5-PentaCB-(126)	2019/12/10	113	50 - 150	98	50 - 150	<0.00030	ng/g	NC	30
6439793	33'44'-TetraCB-(77)	2019/12/10	110	50 - 150	100	50 - 150	<0.00054	ng/g	NC	30
6439793	33'455'-PentaCB-(127)	2019/12/10					<0.00024	ng/g	NC	30
6439793	33'45-TetraCB-(78)	2019/12/10					<0.00034	ng/g	NC	30
6439793	33'45'-TetraCB(79)	2019/12/10					<0.00029	ng/g	NC	30
6439793	33'4-TriCB-(35)	2019/12/10					<0.00032	ng/g	NC	30
6439793	33'55'-TetraCB-(80)	2019/12/10					<0.00031	ng/g	NC	30
6439793	33'5-TriCB-(36)	2019/12/10					<0.00024	ng/g	NC	30
6439793	344'5-TetraCB-(81)	2019/12/10	126	50 - 150	100	50 - 150	<0.00052	ng/g	NC	30
6439793	344'-TriCB-(37)	2019/12/10	104	50 - 150	92	50 - 150	<0.00053	ng/g	NC	30
6439793	345-TriCB-(38)	2019/12/10					<0.00026	ng/g	NC	30
6439793	34'5-TriCB-(39)	2019/12/10					<0.00028	ng/g	NC	30
6439793	3-MonoCB-(2)	2019/12/10					<0.00023	ng/g	NC	30
6439793	4,4'-DiCB-(15)	2019/12/10	109	50 - 150	100	50 - 150	<0.00037	ng/g	NC	30
6439793	4-MonoCB-(3)	2019/12/10	108	50 - 150	104	50 - 150	<0.00026	ng/g	NC	30
6439793	DecaCB-(209)	2019/12/10	95	50 - 150	83	50 - 150	<0.0012	ng/g	NC	30
6439793	DiCB-(12)+(13)	2019/12/10					<0.00020	ng/g	NC	30
6439793	HeptaCB-(171)+(173)	2019/12/10					<0.0014	ng/g	NC	30
6439793	HeptaCB-(180)+(193)	2019/12/10	157 (22)	50 - 150	81	50 - 150	<0.00096	ng/g	52 (11)	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439793	HexaCB-(128)+(166)	2019/12/10					<0.0010	ng/g	62 (11)	30
6439793	HexaCB-(129)+(138)+(163)	2019/12/10					<0.0011	ng/g	61 (11)	30
6439793	HexaCB-(134)+(143)	2019/12/10					<0.0013	ng/g	NC (4)	30
6439793	HexaCB-(135)+(151)	2019/12/10					<0.0016	ng/g	66 (11)	30
6439793	HexaCB-(139)+(140)	2019/12/10					<0.0011	ng/g	NC	30
6439793	HexaCB-(147)+(149)	2019/12/10					<0.0011	ng/g	65 (11)	30
6439793	HexaCB-(153)+(168)	2019/12/10					<0.00091	ng/g	56 (11)	30
6439793	HexaCB-(156)+(157)	2019/12/10	120	50 - 150	93	50 - 150	<0.00051	ng/g	61 (11)	30
6439793	OctaCB-(198)+(199)	2019/12/10					<0.0018	ng/g	NC	30
6439793	PentaCB-(108)+(124)	2019/12/10					<0.00025	ng/g	NC	30
6439793	PentaCB-(110)+(115)	2019/12/10					<0.00071	ng/g	60 (11)	30
6439793	PentaCB-(83)+(99)	2019/12/10					<0.00086	ng/g	63 (11)	30
6439793	PentaCB-(85)+(116)+(117)	2019/12/10					<0.00071	ng/g	46 (11)	30
6439793	PentaCB-(86)(87)(97)(109)(119)(125)	2019/12/10					<0.00075	ng/g	63 (11)	30
6439793	PentaCB-(88)+(91)	2019/12/10					<0.00085	ng/g	NC	30
6439793	PentaCB-(90)+(101)+(113)	2019/12/10					<0.00073	ng/g	66 (11)	30
6439793	PentaCB-(93)+(98)+(100)+(102)	2019/12/10					<0.00087	ng/g	NC	30
6439793	TetraCB-(40)+(41)+(71)	2019/12/10					<0.00095	ng/g	NC	30
6439793	TetraCB-(44)+(47)+(65)	2019/12/10					<0.00089	ng/g	67 (11)	30
6439793	TetraCB-(45)+(51)	2019/12/10					<0.00095	ng/g	NC	30
6439793	TetraCB-(49)+TetraCB-(69)	2019/12/10					<0.00086	ng/g	73 (11)	30
6439793	TetraCB-(50)+(53)	2019/12/10					<0.00091	ng/g	NC	30
6439793	TetraCB-(59)+(62)+(75)	2019/12/10					<0.00070	ng/g	NC (4)	30
6439793	TetraCB-(61)+(70)+(74)+(76)	2019/12/10					<0.00036	ng/g	66 (11)	30
6439793	TriCB-(18)+(30)	2019/12/10					<0.0011	ng/g	NC	30
6439793	TriCB-(20) + (28)	2019/12/10					0.00075, RDL=0.020	ng/g	NC	30
6439793	TriCB-(21)+(33)	2019/12/10					<0.00030	ng/g	NC	30
6439793	TriCB-(26)+(29)	2019/12/10					<0.00029	ng/g	NC (4)	30
6439928	2,3-DiCB-(5)	2019/12/08					<0.00081	ng/g	NC	30
6439928	2,3'-DiCB-(6)	2019/12/08					<0.00072	ng/g	NC	30
6439928	2,4-DiCB-(7)	2019/12/08					<0.00071	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	2,4'-DiCB-(8)	2019/12/08					<0.00068	ng/g	NC	30
6439928	2,5-DiCB-(9)	2019/12/08					<0.00073	ng/g	NC	30
6439928	2,6-DiCB-(10)	2019/12/08					<0.0023	ng/g	NC	30
6439928	22'33'44'55'6-NonaCB-(206)	2019/12/08	88	50 - 150	93	50 - 150	<0.0018	ng/g	NC	30
6439928	22'33'44'55'-OctaCB-(194)	2019/12/08					<0.0014	ng/g	NC (4)	30
6439928	22'33'44'566'-NonaCB-(207)	2019/12/08					<0.0015	ng/g	NC	30
6439928	22'33'44'56-OctaCB-(195)	2019/12/08					<0.0016	ng/g	NC	30
6439928	22'33'44'56'-OctaCB-(196)	2019/12/08					<0.0038	ng/g	NC	30
6439928	22'33'44'5-HeptaCB-(170)	2019/12/08	98	50 - 150	106	50 - 150	<0.0015	ng/g	29	30
6439928	22'33'44'66'OctaCB-(197)	2019/12/08					<0.0024	ng/g	NC	30
6439928	22'33'455'66'-NonaCB-(208)	2019/12/08	94	50 - 150	100	50 - 150	<0.0019	ng/g	NC	30
6439928	22'33'455'-HeptaCB-(172)	2019/12/08					<0.0022	ng/g	NC	30
6439928	22'33'4566'-OctaCB-(200)	2019/12/08					<0.0031	ng/g	NC	30
6439928	22'33'45'66'-OctaCB-(201)	2019/12/08					<0.0028	ng/g	NC	30
6439928	22'33'456'-HeptaCB-(174)	2019/12/08					<0.0020	ng/g	NC	30
6439928	22'33'45'6-HeptaCB-(175)	2019/12/08					<0.0037	ng/g	NC	30
6439928	22'33'45'6'-HeptaCB-(177)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'33'45'-HexaCB-(130)	2019/12/08					<0.0022	ng/g	NC	30
6439928	22'33'466'-HeptaCB-(176)	2019/12/08					<0.0028	ng/g	NC	30
6439928	22'33'46-HexaCB-(131)	2019/12/08					<0.0023	ng/g	NC	30
6439928	22'33'46'-HexaCB-(132)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'33'4-PentaCB-(82)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'33'55'66'-OctaCB-(202)	2019/12/08	103	50 - 150	100	50 - 150	<0.0023	ng/g	NC	30
6439928	22'33'55'6-HeptaCB-(178)	2019/12/08					<0.0039	ng/g	NC	30
6439928	22'33'55'-HexaCB-(133)	2019/12/08					<0.0020	ng/g	5.4	30
6439928	22'33'566'-HeptaCB-(179)	2019/12/08					<0.0027	ng/g	NC	30
6439928	22'33'66'-HexaCB-(136)	2019/12/08					<0.0030	ng/g	28	30
6439928	22'33'6-PentaCB-(84)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'344'55'6-OctaCB-(203)	2019/12/08					<0.0034	ng/g	NC	30
6439928	22'344'566'-OctaCB-(204)	2019/12/08					<0.0028	ng/g	NC	30
6439928	22'344'56-HeptaCB-(181)	2019/12/08					<0.0019	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	22'344'56'-HeptaCB-(182)	2019/12/08					<0.0036	ng/g	NC	30
6439928	22'344'5'6-HeptaCB-(183)	2019/12/08					<0.0019	ng/g	NC	30
6439928	22'344'5-HexaCB-(137)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'344'66'-HeptaCB-(184)	2019/12/08					<0.0026	ng/g	NC	30
6439928	22'3455'6-HeptaCB-(185)	2019/12/08					<0.0018	ng/g	NC	30
6439928	22'34'55'6-HeptaCB-(187)	2019/12/08					<0.0035	ng/g	48 (11)	30
6439928	22'3455'-HexaCB-(141)	2019/12/08					<0.0019	ng/g	NC	30
6439928	22'34'55'-HexaCB-(146)	2019/12/08					<0.0017	ng/g	42 (11)	30
6439928	22'34566'-HeptaCB-(186)	2019/12/08					<0.0029	ng/g	NC	30
6439928	22'34'566'-HeptaCB-(188)	2019/12/08	103	50 - 150	97	50 - 150	<0.0021	ng/g	NC	30
6439928	22'3456-HexaCB-(142)	2019/12/08					<0.0022	ng/g	NC	30
6439928	22'345'6-HexaCB-(144)	2019/12/08					<0.0045	ng/g	NC	30
6439928	22'34'56'-HexaCB-(148)	2019/12/08					<0.0042	ng/g	NC	30
6439928	22'3466'-HexaCB-(145)	2019/12/08					<0.0031	ng/g	NC	30
6439928	22'34'66'-HexaCB-(150)	2019/12/08					<0.0032	ng/g	NC	30
6439928	22'346'-PentaCB-(89)	2019/12/08					<0.0020	ng/g	NC	30
6439928	22'34'-TetraCB-(42)	2019/12/08					<0.0025	ng/g	NC	30
6439928	22'355'-PentaCB-(92)	2019/12/08					<0.0019	ng/g	NC	30
6439928	22'3566'-HexaCB-(152)	2019/12/08					<0.0027	ng/g	NC	30
6439928	22'356'-PentaCB-(94)	2019/12/08					<0.0020	ng/g	NC	30
6439928	22'35'6-PentaCB-(95)	2019/12/08					<0.0018	ng/g	41 (11)	30
6439928	22'35-TetraCB-(43)	2019/12/08					<0.0028	ng/g	NC	30
6439928	22'366'-PentaCB-(96)	2019/12/08					<0.0028	ng/g	NC	30
6439928	22'36'-TetraCB-(46)	2019/12/08					<0.0023	ng/g	NC	30
6439928	22'3-TriCB-(16)	2019/12/08					<0.0023	ng/g	NC	30
6439928	22'44'56'-HexaCB-(154)	2019/12/08					<0.0036	ng/g	NC	30
6439928	22'44'66'-HexaCB-(155)	2019/12/08	105	50 - 150	102	50 - 150	<0.0016	ng/g	NC	30
6439928	22'45'6-PentaCB-(103)	2019/12/08					<0.0017	ng/g	NC	30
6439928	22'45-TetraCB-(48)	2019/12/08					<0.0021	ng/g	NC	30
6439928	22'466'-PentaCB-(104)	2019/12/08	105	50 - 150	101	50 - 150	<0.0013	ng/g	NC	30
6439928	22'4-TriCB-(17)	2019/12/08					<0.0021	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	22'55'-TetraCB-(52)	2019/12/08					<0.0022	ng/g	37 (23)	30
6439928	22'66'-TetraCB-(54)	2019/12/08	93	50 - 150	95	50 - 150	<0.0032	ng/g	NC	30
6439928	22'6-TriCB-(19)	2019/12/08	106	50 - 150	103	50 - 150	<0.0014	ng/g	NC	30
6439928	22'-DiCB-(4)	2019/12/08	110	50 - 150	105	50 - 150	<0.0018	ng/g	NC	30
6439928	233'44'55'6-OctaCB-(205)	2019/12/08	101	50 - 150	103	50 - 150	<0.0016	ng/g	NC	30
6439928	233'44'55'-HeptaCB-(189)	2019/12/08	97	50 - 150	101	50 - 150	<0.00076	ng/g	NC	30
6439928	233'44'56-HeptaCB-(190)	2019/12/08					<0.0016	ng/g	NC	30
6439928	233'44'5'6-HeptaCB-(191)	2019/12/08					<0.0015	ng/g	NC	30
6439928	233'44'6-HexaCB-(158)	2019/12/08					<0.0013	ng/g	NC	30
6439928	233'44'-PentaCB-(105)	2019/12/08	103	50 - 150	103	50 - 150	<0.00092	ng/g	25	30
6439928	233'455'6-HeptaCB-(192)	2019/12/08					<0.0017	ng/g	NC	30
6439928	233'455'-HexaCB-(159)	2019/12/08					<0.00090	ng/g	NC	30
6439928	233'4'55'-HexaCB-(162)	2019/12/08					<0.00084	ng/g	NC	30
6439928	233'456-HexaCB-(160)	2019/12/08					<0.0017	ng/g	NC	30
6439928	233'45'6-HexaCB-(161)	2019/12/08					<0.0015	ng/g	NC	30
6439928	233'4'5'6-HexaCB-(164)	2019/12/08					<0.0014	ng/g	21	30
6439928	233'45-PentaCB-(106)	2019/12/08					<0.00071	ng/g	NC	30
6439928	233'4'5-PentaCB-(107)	2019/12/08					<0.00065	ng/g	29	30
6439928	233'4'5'-PentaCB-(122)	2019/12/08					<0.00079	ng/g	NC	30
6439928	233'4'-Tetra CB(56)	2019/12/08					<0.00094	ng/g	NC	30
6439928	233'4-TetraCB-(55)	2019/12/08					<0.00095	ng/g	NC	30
6439928	233'55'6-HexaCB-(165)	2019/12/08					<0.0016	ng/g	NC	30
6439928	233'55'-PentaCB-(111)	2019/12/08					<0.0013	ng/g	NC	30
6439928	233'56-PentaCB-(112)	2019/12/08					<0.0013	ng/g	NC	30
6439928	233'5-TetraCB-(57)	2019/12/08					<0.00090	ng/g	NC	30
6439928	233'5'-TetraCB-(58)	2019/12/08					<0.00088	ng/g	NC	30
6439928	23'44'55'-HexaCB-(167)	2019/12/08	104	50 - 150	101	50 - 150	<0.0011	ng/g	26	30
6439928	2344'5-PentaCB-(114)	2019/12/08	107	50 - 150	104	50 - 150	<0.00092	ng/g	NC	30
6439928	23'44'5-PentaCB-(118)	2019/12/08	86	50 - 150	96	50 - 150	<0.00090	ng/g	24	30
6439928	23'44'5'-PentaCB-(123)	2019/12/08	108	50 - 150	99	50 - 150	<0.0010	ng/g	NC	30
6439928	2344'-TetraCB -(60)	2019/12/08					<0.00092	ng/g	18	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	23'44'-TetraCB-(66)	2019/12/08					<0.00084	ng/g	25	30
6439928	23'455'-PentaCB-(120)	2019/12/08					<0.0013	ng/g	NC	30
6439928	23'45'6-PentaCB-(121)	2019/12/08					<0.0014	ng/g	NC	30
6439928	234'5-TetraCB-(63)	2019/12/08					<0.00086	ng/g	NC (4)	30
6439928	23'45-TetraCB-(67)	2019/12/08					<0.00077	ng/g	NC	30
6439928	23'45'-TetraCB-(68)	2019/12/08					<0.00087	ng/g	NC	30
6439928	234'6-TetraCB-(64)	2019/12/08					<0.0016	ng/g	NC	30
6439928	234'-TriCB-(22)	2019/12/08					<0.00089	ng/g	NC (4)	30
6439928	23'4-TriCB-(25)	2019/12/08					<0.00086	ng/g	NC	30
6439928	23'55'-TetraCB-(72)	2019/12/08					<0.00090	ng/g	NC	30
6439928	23'5'6-TetraCB-(73)	2019/12/08					<0.0014	ng/g	NC	30
6439928	235-TriCB-(23)	2019/12/08					<0.00085	ng/g	NC	30
6439928	23'5'-TriCB-(34)	2019/12/08					<0.00091	ng/g	NC	30
6439928	236-TriCB-(24)	2019/12/08					<0.0017	ng/g	NC	30
6439928	23'6-TriCB-(27)	2019/12/08					<0.0015	ng/g	NC	30
6439928	24'5-TriCB-(31)	2019/12/08					<0.00081	ng/g	27	30
6439928	24'6-TriCB-(32)	2019/12/08					<0.0014	ng/g	NC	30
6439928	2-MonoCB-(1)	2019/12/08	110	50 - 150	108	50 - 150	<0.00048	ng/g	NC	30
6439928	3,3'-DiCB-(11)	2019/12/08					<0.0031 (4)	ng/g	NC	30
6439928	3,5-DiCB-(14)	2019/12/08					<0.00073	ng/g	NC	30
6439928	33'44'55'-HexaCB-(169)	2019/12/08	100	50 - 150	96	50 - 150	<0.0011	ng/g	NC	30
6439928	33'44'5-PentaCB-(126)	2019/12/08	114	50 - 150	99	50 - 150	<0.00087	ng/g	NC	30
6439928	33'44'-TetraCB-(77)	2019/12/08	107	50 - 150	98	50 - 150	<0.0013	ng/g	NC	30
6439928	33'455'-PentaCB-(127)	2019/12/08					<0.00070	ng/g	NC	30
6439928	33'45-TetraCB-(78)	2019/12/08					<0.00088	ng/g	NC	30
6439928	33'45'-TetraCB(79)	2019/12/08					<0.00074	ng/g	NC	30
6439928	33'4-TriCB-(35)	2019/12/08					<0.00089	ng/g	NC	30
6439928	33'55'-TetraCB-(80)	2019/12/08					<0.00078	ng/g	NC	30
6439928	33'5-TriCB-(36)	2019/12/08					<0.00073	ng/g	NC	30
6439928	344'5-TetraCB-(81)	2019/12/08	100	50 - 150	100	50 - 150	<0.0013	ng/g	NC	30
6439928	344'-TriCB-(37)	2019/12/08	103	50 - 150	104	50 - 150	<0.0016	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	345-TriCB-(38)	2019/12/08					<0.00081	ng/g	NC	30
6439928	34'5-TriCB-(39)	2019/12/08					<0.00082	ng/g	NC	30
6439928	3-MonoCB-(2)	2019/12/08					<0.00042	ng/g	NC	30
6439928	4,4'-DiCB-(15)	2019/12/08	95	50 - 150	102	50 - 150	<0.0013	ng/g	NC	30
6439928	4-MonoCB-(3)	2019/12/08	102	50 - 150	100	50 - 150	<0.00047	ng/g	NC	30
6439928	DecaCB-(209)	2019/12/08	95	50 - 150	94	50 - 150	<0.0028	ng/g	NC	30
6439928	DiCB-(12)+(13)	2019/12/08					<0.00072	ng/g	NC	30
6439928	HeptaCB-(171)+(173)	2019/12/08					<0.0020	ng/g	NC	30
6439928	HeptaCB-(180)+(193)	2019/12/08	79	50 - 150	82	50 - 150	<0.0014	ng/g	NC	30
6439928	HexaCB-(128)+(166)	2019/12/08					<0.0017	ng/g	NC	30
6439928	HexaCB-(129)+(138)+(163)	2019/12/08					<0.0018	ng/g	43 (11)	30
6439928	HexaCB-(134)+(143)	2019/12/08					<0.0022	ng/g	NC	30
6439928	HexaCB-(135)+(151)	2019/12/08					<0.0041	ng/g	54 (11)	30
6439928	HexaCB-(139)+(140)	2019/12/08					<0.0018	ng/g	NC	30
6439928	HexaCB-(147)+(149)	2019/12/08					<0.0017	ng/g	52 (11)	30
6439928	HexaCB-(153)+(168)	2019/12/08					<0.0015	ng/g	42 (11)	30
6439928	HexaCB-(156)+(157)	2019/12/08	101	50 - 150	100	50 - 150	<0.0011	ng/g	30	30
6439928	OctaCB-(198)+(199)	2019/12/08					<0.0038	ng/g	NC	30
6439928	PentaCB-(108)+(124)	2019/12/08					<0.00071	ng/g	NC	30
6439928	PentaCB-(110)+(115)	2019/12/08					<0.0016	ng/g	35 (11)	30
6439928	PentaCB-(83)+(99)	2019/12/08					<0.0020	ng/g	36 (11)	30
6439928	PentaCB-(85)+(116)+(117)	2019/12/08					<0.0014	ng/g	27	30
6439928	PentaCB-(86)(87)(97)(109)(119)(125)	2019/12/08					<0.0016	ng/g	NC	30
6439928	PentaCB-(88)+(91)	2019/12/08					<0.0018	ng/g	NC	30
6439928	PentaCB-(90)+(101)+(113)	2019/12/08					<0.0016	ng/g	38 (11)	30
6439928	PentaCB-(93)+(98)+(100)+(102)	2019/12/08					<0.0019	ng/g	NC	30
6439928	TetraCB-(40)+(41)+(71)	2019/12/08					<0.0020	ng/g	NC	30
6439928	TetraCB-(44)+(47)+(65)	2019/12/08					<0.0019	ng/g	NC	30
6439928	TetraCB-(45)+(51)	2019/12/08					<0.0020	ng/g	NC	30
6439928	TetraCB-(49)+TetraCB-(69)	2019/12/08					<0.0018	ng/g	21	30
6439928	TetraCB-(50)+(53)	2019/12/08					<0.0020	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6439928	TetraCB-(59)+(62)+(75)	2019/12/08					<0.0015	ng/g	NC	30
6439928	TetraCB-(61)+(70)+(74)+(76)	2019/12/08					<0.00088	ng/g	26	30
6439928	TriCB-(18)+(30)	2019/12/08					<0.0017	ng/g	NC	30
6439928	TriCB-(20) + (28)	2019/12/08					<0.00080	ng/g	NC	30
6439928	TriCB-(21)+(33)	2019/12/08					<0.00088	ng/g	NC	30
6439928	TriCB-(26)+(29)	2019/12/08					<0.00084	ng/g	NC	30
6442049	2,3-DiCB-(5)	2019/12/07	0	N/A			<0.041	ng/g	NC	30
6442049	2,3'-DiCB-(6)	2019/12/07	0	N/A			<0.035	ng/g	NC	30
6442049	2,4-DiCB-(7)	2019/12/07	0	N/A			<0.035	ng/g	NC	30
6442049	2,4'-DiCB-(8)	2019/12/07	0	N/A			<0.032	ng/g	NC	30
6442049	2,5-DiCB-(9)	2019/12/07	0	N/A			<0.035	ng/g	NC	30
6442049	2,6-DiCB-(10)	2019/12/07	0	N/A			<0.056	ng/g	NC	30
6442049	22'33'44'55'6-NonaCB-(206)	2019/12/07	93	50 - 150	96	50 - 150	<0.015	ng/g	NC	30
6442049	22'33'44'55'-OctaCB-(194)	2019/12/07	0	N/A			<0.0096	ng/g	NC	30
6442049	22'33'44'566'-NonaCB-(207)	2019/12/07	0	N/A			<0.013	ng/g	NC	30
6442049	22'33'44'56-OctaCB-(195)	2019/12/07	0	N/A			<0.011	ng/g	NC	30
6442049	22'33'44'56'-OctaCB-(196)	2019/12/07	0	N/A			<0.020	ng/g	NC	30
6442049	22'33'44'5-HeptaCB-(170)	2019/12/07	94	50 - 150	102	50 - 150	<0.0061	ng/g	NC	30
6442049	22'33'44'66'OctaCB-(197)	2019/12/07	0	N/A			<0.014	ng/g	NC	30
6442049	22'33'455'66'-NonaCB-(208)	2019/12/07	101	50 - 150	105	50 - 150	<0.015	ng/g	NC	30
6442049	22'33'455'-HeptaCB-(172)	2019/12/07	0	N/A			<0.0092	ng/g	NC	30
6442049	22'33'4566'-OctaCB-(200)	2019/12/07	0	N/A			<0.015	ng/g	NC	30
6442049	22'33'45'66'-OctaCB-(201)	2019/12/07	0	N/A			<0.014	ng/g	NC	30
6442049	22'33'456'-HeptaCB-(174)	2019/12/07	0	N/A			<0.0087	ng/g	NC	30
6442049	22'33'45'6-HeptaCB-(175)	2019/12/07	0	N/A			<0.0090	ng/g	NC	30
6442049	22'33'45'6'-HeptaCB-(177)	2019/12/07	0	N/A			<0.0088	ng/g	NC	30
6442049	22'33'45'-HexaCB-(130)	2019/12/07	0	N/A			<0.013	ng/g	NC	30
6442049	22'33'466'-HeptaCB-(176)	2019/12/07	0	N/A			<0.0069	ng/g	NC	30
6442049	22'33'46-HexaCB-(131)	2019/12/07	0	N/A			<0.014	ng/g	NC	30
6442049	22'33'46'-HexaCB-(132)	2019/12/07	0	N/A			<0.013 (9)	ng/g	NC	30
6442049	22'33'4-PentaCB-(82)	2019/12/07	0	N/A			<0.0090	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	22'33'55'66'-OctaCB-(202)	2019/12/07	105	50 - 150	97	50 - 150	<0.012	ng/g	NC	30
6442049	22'33'55'6-HeptaCB-(178)	2019/12/07	0	N/A			<0.0094	ng/g	NC	30
6442049	22'33'55'-HexaCB-(133)	2019/12/07	0	N/A			<0.012	ng/g	NC	30
6442049	22'33'566'-HeptaCB-(179)	2019/12/07	0	N/A			<0.0067	ng/g	NC	30
6442049	22'33'66'-HexaCB-(136)	2019/12/07	0	N/A			<0.0086	ng/g	NC	30
6442049	22'33'6-PentaCB-(84)	2019/12/07	0	N/A			<0.0089 (4)	ng/g	NC	30
6442049	22'344'55'6-OctaCB-(203)	2019/12/07	0	N/A			<0.018	ng/g	NC	30
6442049	22'344'566'-OctaCB-(204)	2019/12/07	0	N/A			<0.015	ng/g	NC	30
6442049	22'344'56-HeptaCB-(181)	2019/12/07	0	N/A			<0.0085	ng/g	NC	30
6442049	22'344'56'-HeptaCB-(182)	2019/12/07	92	50 - 150	95	50 - 150	<0.0089	ng/g	NC	30
6442049	22'344'5'6-HeptaCB-(183)	2019/12/07	0	N/A			<0.0072	ng/g	NC	30
6442049	22'344'5-HexaCB-(137)	2019/12/07	0	N/A			<0.012	ng/g	NC	30
6442049	22'344'66'-HeptaCB-(184)	2019/12/07	0	N/A			<0.0064	ng/g	NC	30
6442049	22'3455'6-HeptaCB-(185)	2019/12/07	0	N/A			<0.0094	ng/g	NC	30
6442049	22'34'55'6-HeptaCB-(187)	2019/12/07	85	50 - 150	104	50 - 150	0.0140, RDL=0.010	ng/g	6.0	30
6442049	22'3455'-HexaCB-(141)	2019/12/07	0	N/A			<0.012	ng/g	NC	30
6442049	22'34'55'-HexaCB-(146)	2019/12/07	0	N/A			<0.011 (4)	ng/g	NC	30
6442049	22'34566'-HeptaCB-(186)	2019/12/07	0	N/A			<0.0070	ng/g	NC	30
6442049	22'34'566'-HeptaCB-(188)	2019/12/07	98	50 - 150	102	50 - 150	<0.0052	ng/g	NC	30
6442049	22'3456-HexaCB-(142)	2019/12/07	0	N/A			<0.013	ng/g	NC	30
6442049	22'345'6-HexaCB-(144)	2019/12/07	0	N/A			<0.013	ng/g	NC	30
6442049	22'34'56'-HexaCB-(148)	2019/12/07	0	N/A			<0.012	ng/g	NC	30
6442049	22'3466'-HexaCB-(145)	2019/12/07	0	N/A			<0.0091	ng/g	NC	30
6442049	22'34'66'-HexaCB-(150)	2019/12/07	0	N/A			<0.0087	ng/g	NC	30
6442049	22'346'-PentaCB-(89)	2019/12/07	0	N/A			<0.0085	ng/g	NC	30
6442049	22'34'-TetraCB-(42)	2019/12/07	0	N/A			<0.0095	ng/g	NC	30
6442049	22'355'-PentaCB-(92)	2019/12/07	0	N/A			<0.0082	ng/g	NC	30
6442049	22'3566'-HexaCB-(152)	2019/12/07	0	N/A			<0.0086	ng/g	NC	30
6442049	22'356'-PentaCB-(94)	2019/12/07	0	N/A			<0.0086	ng/g	NC	30
6442049	22'35'6-PentaCB-(95)	2019/12/07	0	N/A			0.0081, RDL=0.010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	22'35-TetraCB-(43)	2019/12/07	0	N/A			<0.0094	ng/g	NC	30
6442049	22'366'-PentaCB-(96)	2019/12/07	0	N/A			<0.0084	ng/g	NC	30
6442049	22'36'-TetraCB-(46)	2019/12/07	0	N/A			<0.0092	ng/g	NC	30
6442049	22'3-TriCB-(16)	2019/12/07	0	N/A			<0.018	ng/g	NC	30
6442049	22'44'56'-HexaCB-(154)	2019/12/07	0	N/A			<0.010	ng/g	NC	30
6442049	22'44'66'-HexaCB-(155)	2019/12/07	95	50 - 150	95	50 - 150	<0.0047	ng/g	NC	30
6442049	22'45'6-PentaCB-(103)	2019/12/07	0	N/A			<0.0070	ng/g	NC	30
6442049	22'45-TetraCB-(48)	2019/12/07	0	N/A			<0.0081	ng/g	NC	30
6442049	22'466'-PentaCB-(104)	2019/12/07	93	50 - 150	99	50 - 150	<0.0042	ng/g	NC	30
6442049	22'4-TriCB-(17)	2019/12/07	0	N/A			<0.012	ng/g	NC	30
6442049	22'55'-TetraCB-(52)	2019/12/07	0	N/A			<0.016 (4)	ng/g	3.2	30
6442049	22'66'-TetraCB-(54)	2019/12/07	95	50 - 150	94	50 - 150	<0.011	ng/g	NC	30
6442049	22'6-TriCB-(19)	2019/12/07	91	50 - 150	89	50 - 150	<0.0082	ng/g	NC	30
6442049	22'-DiCB-(4)	2019/12/07	95	50 - 150	97	50 - 150	<0.046	ng/g	NC	30
6442049	233'44'55'6-OctaCB-(205)	2019/12/07	95	50 - 150	102	50 - 150	<0.010	ng/g	NC	30
6442049	233'44'55'-HeptaCB-(189)	2019/12/07	98	50 - 150	91	50 - 150	<0.0055	ng/g	NC	30
6442049	233'44'56-HeptaCB-(190)	2019/12/07	0	N/A			<0.0068	ng/g	NC	30
6442049	233'44'5'6-HeptaCB-(191)	2019/12/07	0	N/A			<0.0068	ng/g	NC	30
6442049	233'44'6-HexaCB-(158)	2019/12/07	0	N/A			<0.0078	ng/g	NC	30
6442049	233'44'-PentaCB-(105)	2019/12/07	89	50 - 150	103	50 - 150	0.0113, RDL=0.010	ng/g	12	30
6442049	233'455'6-HeptaCB-(192)	2019/12/07	0	N/A			<0.0070	ng/g	NC	30
6442049	233'455'-HexaCB-(159)	2019/12/07	0	N/A			<0.0041	ng/g	NC	30
6442049	233'4'55'-HexaCB-(162)	2019/12/07	0	N/A			<0.0039	ng/g	NC	30
6442049	233'456-HexaCB-(160)	2019/12/07	0	N/A			<0.0093	ng/g	NC	30
6442049	233'45'6-HexaCB-(161)	2019/12/07	0	N/A			<0.0084	ng/g	NC	30
6442049	233'4'5'6-HexaCB-(164)	2019/12/07	0	N/A			<0.0083	ng/g	NC	30
6442049	233'45-PentaCB-(106)	2019/12/07	0	N/A			<0.0033	ng/g	NC	30
6442049	233'4'5-PentaCB-(107)	2019/12/07	0	N/A			<0.0029 (4)	ng/g	NC	30
6442049	233'4'5'-PentaCB-(122)	2019/12/07	0	N/A			<0.0035	ng/g	NC	30
6442049	233'4'-Tetra CB(56)	2019/12/07	0	N/A			<0.0049 (4)	ng/g	NC	30
6442049	233'4-TetraCB-(55)	2019/12/07	0	N/A			<0.0047	ng/g	NC	30

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	233'55'6-HexaCB-(165)	2019/12/07	0	N/A			<0.0094	ng/g	NC	30
6442049	233'55'-PentaCB-(111)	2019/12/07	0	N/A			<0.0056	ng/g	NC	30
6442049	233'56-PentaCB-(112)	2019/12/07	0	N/A			<0.0057	ng/g	NC	30
6442049	233'5-TetraCB-(57)	2019/12/07	0	N/A			<0.0047	ng/g	NC	30
6442049	233'5'-TetraCB-(58)	2019/12/07	0	N/A			<0.0047	ng/g	NC	30
6442049	23'44'55'-HexaCB-(167)	2019/12/07	93	50 - 150	101	50 - 150	<0.0048	ng/g	NC	30
6442049	2344'5-PentaCB-(114)	2019/12/07	93	50 - 150	100	50 - 150	<0.0041	ng/g	NC	30
6442049	23'44'5-PentaCB-(118)	2019/12/07	93	50 - 150	122	50 - 150	0.0223, RDL=0.010	ng/g	2.7	30
6442049	23'44'5'-PentaCB-(123)	2019/12/07	109	50 - 150	97	50 - 150	<0.0045	ng/g	NC	30
6442049	2344'-TetraCB -(60)	2019/12/07	0	N/A			<0.0047 (4)	ng/g	NC	30
6442049	23'44'-TetraCB-(66)	2019/12/07	0	N/A			0.0126, RDL=0.010	ng/g	1.3	30
6442049	23'455'-PentaCB-(120)	2019/12/07	0	N/A			<0.0055	ng/g	NC	30
6442049	23'45'6-PentaCB-(121)	2019/12/07	0	N/A			<0.0059	ng/g	NC	30
6442049	234'5-TetraCB-(63)	2019/12/07	0	N/A			<0.0043	ng/g	NC	30
6442049	23'45-TetraCB-(67)	2019/12/07	0	N/A			<0.0039	ng/g	NC	30
6442049	23'45'-TetraCB-(68)	2019/12/07	0	N/A			<0.0044	ng/g	NC	30
6442049	234'6-TetraCB-(64)	2019/12/07	0	N/A			<0.0066	ng/g	NC	30
6442049	234'-TriCB-(22)	2019/12/07	0	N/A			<0.0029	ng/g	NC	30
6442049	23'4-TriCB-(25)	2019/12/07	0	N/A			<0.0027	ng/g	NC	30
6442049	23'55'-TetraCB-(72)	2019/12/07	0	N/A			<0.0047	ng/g	NC	30
6442049	23'5'6-TetraCB-(73)	2019/12/07	0	N/A			<0.0066	ng/g	NC	30
6442049	235-TriCB-(23)	2019/12/07	89	50 - 150	78	50 - 150	<0.0030	ng/g	NC	30
6442049	23'5'-TriCB-(34)	2019/12/07	79	50 - 150	79	50 - 150	<0.0028	ng/g	NC	30
6442049	236-TriCB-(24)	2019/12/07	0	N/A			<0.0081	ng/g	NC	30
6442049	23'6-TriCB-(27)	2019/12/07	0	N/A			<0.0086	ng/g	NC	30
6442049	24'5-TriCB-(31)	2019/12/07	0	N/A			0.0048, RDL=0.010	ng/g	NC	30
6442049	24'6-TriCB-(32)	2019/12/07	0	N/A			<0.0080	ng/g	NC	30
6442049	2-MonoCB-(1)	2019/12/07	87	50 - 150	102	50 - 150	<0.0019	ng/g	NC	30
6442049	3,3'-DiCB-(11)	2019/12/07	0	N/A			<0.037	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	3,5-DiCB-(14)	2019/12/07	0	N/A			<0.036	ng/g	NC	30
6442049	33'44'55'-HexaCB-(169)	2019/12/07	98	50 - 150	91	50 - 150	<0.0050	ng/g	NC	30
6442049	33'44'5-PentaCB-(126)	2019/12/07	102	50 - 150	105	50 - 150	<0.0039	ng/g	NC	30
6442049	33'44'-TetraCB-(77)	2019/12/07	97	50 - 150	97	50 - 150	<0.0066	ng/g	NC	30
6442049	33'455'-PentaCB-(127)	2019/12/07	0	N/A			<0.0032	ng/g	NC	30
6442049	33'45-TetraCB-(78)	2019/12/07	0	N/A			<0.0047	ng/g	NC	30
6442049	33'45'-TetraCB(79)	2019/12/07	0	N/A			<0.0039	ng/g	NC	30
6442049	33'4-TriCB-(35)	2019/12/07	0	N/A			<0.0030	ng/g	NC	30
6442049	33'55'-TetraCB-(80)	2019/12/07	0	N/A			<0.0040	ng/g	NC	30
6442049	33'5-TriCB-(36)	2019/12/07	0	N/A			<0.0024	ng/g	NC	30
6442049	344'5-TetraCB-(81)	2019/12/07	97	50 - 150	98	50 - 150	<0.0063	ng/g	NC	30
6442049	344'-TriCB-(37)	2019/12/07	97	50 - 150	92	50 - 150	<0.0049	ng/g	NC	30
6442049	345-TriCB-(38)	2019/12/07	0	N/A			<0.0027	ng/g	NC	30
6442049	34'5-TriCB-(39)	2019/12/07	0	N/A			<0.0027	ng/g	NC	30
6442049	3-MonoCB-(2)	2019/12/07	0	N/A			<0.0016	ng/g	NC	30
6442049	4,4'-DiCB-(15)	2019/12/07	96	50 - 150	98	50 - 150	<0.063	ng/g	NC	30
6442049	4-MonoCB-(3)	2019/12/07	96	50 - 150	100	50 - 150	<0.0018	ng/g	NC	30
6442049	DecaCB-(209)	2019/12/07	97	50 - 150	96	50 - 150	<0.020	ng/g	NC	30
6442049	DiCB-(12)+(13)	2019/12/07	0	N/A			<0.036	ng/g	NC	30
6442049	HeptaCB-(171)+(173)	2019/12/07	0	N/A			<0.0089	ng/g	NC	30
6442049	HeptaCB-(180)+(193)	2019/12/07	78	50 - 150	88	50 - 150	0.0082, RDL=0.020	ng/g	NC	30
6442049	HexaCB-(128)+(166)	2019/12/07	81	N/A	89	N/A	<0.010	ng/g	NC	30
6442049	HexaCB-(129)+(138)+(163)	2019/12/07	0	N/A			0.036, RDL=0.030	ng/g	9.6	30
6442049	HexaCB-(134)+(143)	2019/12/07	0	N/A			<0.013	ng/g	NC	30
6442049	HexaCB-(135)+(151)	2019/12/07	0	N/A			<0.012 (4)	ng/g	NC	30
6442049	HexaCB-(139)+(140)	2019/12/07	0	N/A			<0.011	ng/g	NC	30
6442049	HexaCB-(147)+(149)	2019/12/07	0	N/A			<0.014 (4)	ng/g	5.9 (4)	30
6442049	HexaCB-(153)+(168)	2019/12/07	0	N/A			0.0390, RDL=0.010	ng/g	8.1	30
6442049	HexaCB-(156)+(157)	2019/12/07	96	50 - 150	98	50 - 150	<0.0051	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6442049	OctaCB-(198)+(199)	2019/12/07	0	N/A			<0.019	ng/g	NC	30
6442049	PentaCB-(108)+(124)	2019/12/07	0	N/A			<0.0032	ng/g	NC	30
6442049	PentaCB-(110)+(115)	2019/12/07	0	N/A			0.0163, RDL=0.020	ng/g	NC	30
6442049	PentaCB-(83)+(99)	2019/12/07	0	N/A			0.0261, RDL=0.020	ng/g	9.1	30
6442049	PentaCB-(85)+(116)+(117)	2019/12/07	0	N/A			<0.0063	ng/g	NC	30
6442049	PentaCB-(86)(87)(97)(109)(119)(125)	2019/12/07	0	N/A			0.0111, RDL=0.060	ng/g	NC	30
6442049	PentaCB-(88)+(91)	2019/12/07	0	N/A			<0.0078 (4)	ng/g	NC	30
6442049	PentaCB-(90)+(101)+(113)	2019/12/07	92	N/A	123	N/A	0.0255, RDL=0.030	ng/g	NC	30
6442049	PentaCB-(93)+(98)+(100)+(102)	2019/12/07	0	N/A			<0.0080	ng/g	NC	30
6442049	TetraCB-(40)+(41)+(71)	2019/12/07	0	N/A			<0.0080 (4)	ng/g	NC	30
6442049	TetraCB-(44)+(47)+(65)	2019/12/07	0	N/A			0.0107, RDL=0.030	ng/g	NC	30
6442049	TetraCB-(45)+(51)	2019/12/07	0	N/A			<0.0080	ng/g	NC	30
6442049	TetraCB-(49)+TetraCB-(69)	2019/12/07	0	N/A			<0.0074	ng/g	NC	30
6442049	TetraCB-(50)+(53)	2019/12/07	0	N/A			<0.0078	ng/g	NC	30
6442049	TetraCB-(59)+(62)+(75)	2019/12/07	0	N/A			<0.0059	ng/g	NC	30
6442049	TetraCB-(61)+(70)+(74)+(76)	2019/12/07	0	N/A			0.0203, RDL=0.040	ng/g	NC	30
6442049	TriCB-(18)+(30)	2019/12/07	0	N/A			<0.0098	ng/g	NC	30
6442049	TriCB-(20) + (28)	2019/12/07	0	N/A			0.0069, RDL=0.020	ng/g	NC	30
6442049	TriCB-(21)+(33)	2019/12/07	0	N/A			<0.0028	ng/g	NC	30
6442049	TriCB-(26)+(29)	2019/12/07	0	N/A			<0.0028	ng/g	NC	30
6444496	Acenaphthene	2019/12/01	103	50 - 150	109	60 - 140	0.41, RDL=0.50	ng/g	6.4	50
6444496	Acenaphthylene	2019/12/01	112	50 - 150	105	60 - 140	0.125, RDL=0.50	ng/g	NC	50
6444496	Anthracene	2019/12/01	96	50 - 150	87	60 - 140	<0.086	ng/g	9.9	50
6444496	Benzo(a)anthracene	2019/12/01	97	50 - 150	93	60 - 140	<0.073	ng/g	NC	50
6444496	Benzo(a)pyrene	2019/12/01	91	50 - 150	96	60 - 140	<0.066	ng/g	NC	50
6444496	Benzo(b/j)fluoranthene	2019/12/01	124	50 - 150	111	60 - 140	0.058, RDL=1.0	ng/g	NC	50

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6444496	Benzo(g,h,i)perylene	2019/12/01	86	50 - 150	83	60 - 140	<0.038	ng/g	NC	50
6444496	Benzo(k)fluoranthene	2019/12/01	85	50 - 150	89	60 - 140	<0.040	ng/g	NC	50
6444496	Chrysene	2019/12/01	89	50 - 150	93	60 - 140	<0.072	ng/g	NC	50
6444496	Dibenzo(a,h)anthracene	2019/12/01	116	50 - 150	104	60 - 140	<0.10	ng/g	NC	50
6444496	Fluoranthene	2019/12/01	103	50 - 150	105	60 - 140	0.112, RDL=0.50	ng/g	NC	50
6444496	Fluorene	2019/12/01	111	50 - 150	100	60 - 140	0.203, RDL=0.50	ng/g	4.5	50
6444496	Indeno(1,2,3-cd)pyrene	2019/12/01	119	50 - 150	105	60 - 140	<0.047	ng/g	NC	50
6444496	Naphthalene	2019/12/01	87	50 - 150	129	60 - 140	1.99, RDL=0.50	ng/g	37	50
6444496	Phenanthrene	2019/12/01	102	50 - 150	111	60 - 140	0.451, RDL=0.50	ng/g	9.6	50
6444496	Pyrene	2019/12/01	117	50 - 150	118	60 - 140	0.119, RDL=0.50	ng/g	NC	50
6447761	1,2,3,4,6,7,8-Hepta CDD	2019/11/18	111	70 - 140	116	70 - 140	0.308, EDL=0.107	pg/g	NC	25
6447761	1,2,3,4,6,7,8-Hepta CDF	2019/11/18	131 (24)	82 - 122	120	82 - 122	0.253, EDL=0.121	pg/g	NC	25
6447761	1,2,3,4,7,8,9-Hepta CDF	2019/11/18	126	78 - 138	109	78 - 138	<0.112, EDL=0.112	pg/g	NC	25
6447761	1,2,3,4,7,8-Hexa CDD	2019/11/18	118	70 - 164	110	70 - 164	<0.114, EDL=0.114	pg/g	NC	25
6447761	1,2,3,4,7,8-Hexa CDF	2019/11/18	112	72 - 134	103	72 - 134	<0.107, EDL=0.107	pg/g	NC	25
6447761	1,2,3,6,7,8-Hexa CDD	2019/11/18	131	76 - 134	135 (25)	76 - 134	<0.109, EDL=0.109	pg/g	NC	25
6447761	1,2,3,6,7,8-Hexa CDF	2019/11/18	126	84 - 130	123	84 - 130	<0.107, EDL=0.107	pg/g	NC	25
6447761	1,2,3,7,8,9-Hexa CDD	2019/11/18	135	64 - 162	132	64 - 162	<0.112, EDL=0.112	pg/g	NC	25
6447761	1,2,3,7,8,9-Hexa CDF	2019/11/18	116	78 - 130	107	78 - 130	<0.109, EDL=0.109	pg/g	NC	25
6447761	1,2,3,7,8-Penta CDD	2019/11/18	125	25 - 181	123	25 - 181	<0.112, EDL=0.112	pg/g	NC	25
6447761	1,2,3,7,8-Penta CDF	2019/11/18	129	80 - 134	122	80 - 134	<0.108, EDL=0.108	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6447761	2,3,4,6,7,8-Hexa CDF	2019/11/18	120	70 - 156	112	70 - 156	<0.101, EDL=0.101	pg/g	NC	25
6447761	2,3,4,7,8-Penta CDF	2019/11/18	111	68 - 160	108	68 - 160	<0.100, EDL=0.100	pg/g	NC	25
6447761	2,3,7,8-Tetra CDD	2019/11/18	107	67 - 158	101	67 - 158	<0.119, EDL=0.119	pg/g	NC	25
6447761	2,3,7,8-Tetra CDF	2019/11/18	108	75 - 158	102	75 - 158	<0.105, EDL=0.105	pg/g	NC	25
6447761	Octa CDD	2019/11/18	117	78 - 144	117	78 - 144	<0.556, EDL=0.556 (4)	pg/g	NC	25
6447761	Octa CDF	2019/11/18	110	63 - 170	109	63 - 170	<0.235, EDL=0.235 (4)	pg/g	NC (4)	25
6447761	Total Hepta CDD	2019/11/18					0.567, EDL=0.107	pg/g	NC	25
6447761	Total Hepta CDF	2019/11/18					0.253, EDL=0.117	pg/g	NC	25
6447761	Total Hexa CDD	2019/11/18					<0.336, EDL=0.336 (4)	pg/g	NC (4)	25
6447761	Total Hexa CDF	2019/11/18					<0.106, EDL=0.106	pg/g	NC	25
6447761	Total Penta CDD	2019/11/18					<0.112, EDL=0.112	pg/g	NC	25
6447761	Total Penta CDF	2019/11/18					<0.104, EDL=0.104	pg/g	NC (4)	25
6447761	Total Tetra CDD	2019/11/18					<0.119, EDL=0.119	pg/g	NC	25
6447761	Total Tetra CDF	2019/11/18					<0.105, EDL=0.105	pg/g	NC	25
6449921	1,2,3,4,6,7,8-Hepta CDD	2019/11/22	119	70 - 140	106	70 - 140	0.349, EDL=0.103	pg/g	NC (4)	25
6449921	1,2,3,4,6,7,8-Hepta CDF	2019/11/22	111	82 - 122	102	82 - 122	0.171, EDL=0.117	pg/g	NC (4)	25
6449921	1,2,3,4,7,8,9-Hepta CDF	2019/11/22	116	78 - 138	102	78 - 138	<0.108, EDL=0.108	pg/g	NC (4)	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6449921	1,2,3,4,7,8-Hexa CDD	2019/11/22	122	70 - 164	108	70 - 164	<0.104, EDL=0.104	pg/g	NC	25
6449921	1,2,3,4,7,8-Hexa CDF	2019/11/22	109	72 - 134	101	72 - 134	<0.115, EDL=0.115	pg/g	NC (4)	25
6449921	1,2,3,6,7,8-Hexa CDD	2019/11/22	153 (26)	76 - 134	130	76 - 134	<0.100, EDL=0.100	pg/g	NC	25
6449921	1,2,3,6,7,8-Hexa CDF	2019/11/22	146 (26)	84 - 130	116	84 - 130	<0.115, EDL=0.115	pg/g	NC (4)	25
6449921	1,2,3,7,8,9-Hexa CDD	2019/11/22	149	64 - 162	131	64 - 162	<0.103, EDL=0.103	pg/g	NC	25
6449921	1,2,3,7,8,9-Hexa CDF	2019/11/22	114	78 - 130	103	78 - 130	<0.116, EDL=0.116	pg/g	NC	25
6449921	1,2,3,7,8-Penta CDD	2019/11/22	136	25 - 181	120	25 - 181	<0.136, EDL=0.136	pg/g	NC	25
6449921	1,2,3,7,8-Penta CDF	2019/11/22	131	80 - 134	110	80 - 134	<0.134, EDL=0.134	pg/g	NC (27)	25
6449921	2,3,4,6,7,8-Hexa CDF	2019/11/22	124	70 - 156	105	70 - 156	<0.108, EDL=0.108	pg/g	NC	25
6449921	2,3,4,7,8-Penta CDF	2019/11/22	112	68 - 160	102	68 - 160	<0.124, EDL=0.124	pg/g	NC (4)	25
6449921	2,3,7,8-Tetra CDD	2019/11/22	109	67 - 158	101	67 - 158	<0.111, EDL=0.111	pg/g	NC (4)	25
6449921	2,3,7,8-Tetra CDF	2019/11/22	117	75 - 158	102	75 - 158	<0.115, EDL=0.115	pg/g	NC (4)	25
6449921	Octa CDD	2019/11/22	114	78 - 144	96	78 - 144	3.51, EDL=0.116	pg/g	NC	25
6449921	Octa CDF	2019/11/22	102	63 - 170	95	63 - 170	<0.562, EDL=0.562 (4)	pg/g	NC (4)	25
6449921	Total Hepta CDD	2019/11/22					0.650, EDL=0.103	pg/g	NC (4)	25
6449921	Total Hepta CDF	2019/11/22					0.403, EDL=0.112	pg/g	NC (4)	25
6449921	Total Hexa CDD	2019/11/22					<0.223, EDL=0.223 (4)	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6449921	Total Hexa CDF	2019/11/22					<0.113, EDL=0.113	pg/g	NC	25
6449921	Total Penta CDD	2019/11/22					<0.136, EDL=0.136	pg/g	NC	25
6449921	Total Penta CDF	2019/11/22					<0.316, EDL=0.316 (4)	pg/g	NC (4)	25
6449921	Total Tetra CDD	2019/11/22					<0.111, EDL=0.111	pg/g	NC (4)	25
6449921	Total Tetra CDF	2019/11/22					0.159, EDL=0.115	pg/g	NC (4)	25
6457356	1,2,3,4,6,7,8-Hepta CDD	2019/11/22	115	70 - 140	114	70 - 140	<0.104, EDL=0.104	pg/g	NC	25
6457356	1,2,3,4,6,7,8-Hepta CDF	2019/11/22	129 (28)	82 - 122	116	82 - 122	<0.116, EDL=0.116	pg/g	NC	25
6457356	1,2,3,4,7,8,9-Hepta CDF	2019/11/22	117	78 - 138	123	78 - 138	<0.107, EDL=0.107	pg/g	NC	25
6457356	1,2,3,4,7,8-Hexa CDD	2019/11/22	122	70 - 164	112	70 - 164	<0.111, EDL=0.111	pg/g	NC	25
6457356	1,2,3,4,7,8-Hexa CDF	2019/11/22	109	72 - 134	106	72 - 134	<0.110, EDL=0.110	pg/g	NC	25
6457356	1,2,3,6,7,8-Hexa CDD	2019/11/22	155 (28)	76 - 134	131	76 - 134	<0.106, EDL=0.106	pg/g	NC	25
6457356	1,2,3,6,7,8-Hexa CDF	2019/11/22	126	84 - 130	123	84 - 130	<0.110, EDL=0.110	pg/g	NC	25
6457356	1,2,3,7,8,9-Hexa CDD	2019/11/22	141	64 - 162	126	64 - 162	<0.109, EDL=0.109	pg/g	NC	25
6457356	1,2,3,7,8,9-Hexa CDF	2019/11/22	115	78 - 130	105	78 - 130	<0.111, EDL=0.111	pg/g	NC	25
6457356	1,2,3,7,8-Penta CDD	2019/11/22	124	25 - 181	119	25 - 181	<0.120, EDL=0.120	pg/g	NC	25
6457356	1,2,3,7,8-Penta CDF	2019/11/22	126	80 - 134	123	80 - 134	<0.113, EDL=0.113	pg/g	NC	25
6457356	2,3,4,6,7,8-Hexa CDF	2019/11/22	121	70 - 156	112	70 - 156	<0.103, EDL=0.103	pg/g	NC	25

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6457356	2,3,4,7,8-Penta CDF	2019/11/22	112	68 - 160	103	68 - 160	<0.105, EDL=0.105	pg/g	NC	25
6457356	2,3,7,8-Tetra CDD	2019/11/22	101	67 - 158	105	67 - 158	<0.118, EDL=0.118	pg/g	NC	25
6457356	2,3,7,8-Tetra CDF	2019/11/22	108	75 - 158	111	75 - 158	<0.119, EDL=0.119	pg/g	NC	25
6457356	Octa CDD	2019/11/22	119	78 - 144	109	78 - 144	<0.198, EDL=0.198 (4)	pg/g	NC	25
6457356	Octa CDF	2019/11/22	102	63 - 170	104	63 - 170	<0.111, EDL=0.111	pg/g	NC	25
6457356	Total Hepta CDD	2019/11/22					<0.104, EDL=0.104	pg/g	NC	25
6457356	Total Hepta CDF	2019/11/22					<0.112, EDL=0.112	pg/g	NC	25
6457356	Total Hexa CDD	2019/11/22					<0.146, EDL=0.146 (4)	pg/g	NC (4)	25
6457356	Total Hexa CDF	2019/11/22					<0.108, EDL=0.108	pg/g	NC	25
6457356	Total Penta CDD	2019/11/22					<0.120, EDL=0.120	pg/g	NC	25
6457356	Total Penta CDF	2019/11/22					<0.109, EDL=0.109	pg/g	NC (4)	25
6457356	Total Tetra CDD	2019/11/22					<0.118, EDL=0.118	pg/g	NC	25
6457356	Total Tetra CDF	2019/11/22					<0.119, EDL=0.119	pg/g	NC	25
6460728	1,2,3,4,6,7,8-Hepta CDD	2019/11/26	123	70 - 140	126	70 - 140	<0.110, EDL=0.110	pg/g	NC	25
6460728	1,2,3,4,6,7,8-Hepta CDF	2019/11/26	117	82 - 122	108	82 - 122	<0.122, EDL=0.122	pg/g	NC	25
6460728	1,2,3,4,7,8,9-Hepta CDF	2019/11/26	105	78 - 138	103	78 - 138	<0.112, EDL=0.112	pg/g	NC	25
6460728	1,2,3,4,7,8-Hexa CDD	2019/11/26	116	70 - 164	109	70 - 164	<0.112, EDL=0.112	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6460728	1,2,3,4,7,8-Hexa CDF	2019/11/26	114	72 - 134	112	72 - 134	<0.113, EDL=0.113	pg/g	NC	25
6460728	1,2,3,6,7,8-Hexa CDD	2019/11/26	125	76 - 134	134	76 - 134	<0.107, EDL=0.107	pg/g	NC	25
6460728	1,2,3,6,7,8-Hexa CDF	2019/11/26	150 (29)	84 - 130	123	84 - 130	<0.113, EDL=0.113	pg/g	NC	25
6460728	1,2,3,7,8,9-Hexa CDD	2019/11/26	136	64 - 162	137	64 - 162	<0.110, EDL=0.110	pg/g	NC	25
6460728	1,2,3,7,8,9-Hexa CDF	2019/11/26	120	78 - 130	111	78 - 130	<0.115, EDL=0.115	pg/g	NC	25
6460728	1,2,3,7,8-Penta CDD	2019/11/26	122	25 - 181	132	25 - 181	<0.119, EDL=0.119	pg/g	NC	25
6460728	1,2,3,7,8-Penta CDF	2019/11/26	124	80 - 134	118	80 - 134	<0.108, EDL=0.108	pg/g	NC	25
6460728	2,3,4,6,7,8-Hexa CDF	2019/11/26	126	70 - 156	108	70 - 156	<0.107, EDL=0.107	pg/g	NC	25
6460728	2,3,4,7,8-Penta CDF	2019/11/26	110	68 - 160	109	68 - 160	<0.100, EDL=0.100	pg/g	NC	25
6460728	2,3,7,8-Tetra CDD	2019/11/26	97	67 - 158	91	67 - 158	<0.108, EDL=0.108	pg/g	NC	25
6460728	2,3,7,8-Tetra CDF	2019/11/26	106	75 - 158	105	75 - 158	<0.105, EDL=0.105	pg/g	NC	25
6460728	Octa CDD	2019/11/26	114	78 - 144	108	78 - 144	0.245, EDL=0.146	pg/g	NC	25
6460728	Octa CDF	2019/11/26	113	63 - 170	115	63 - 170	<0.108, EDL=0.108	pg/g	NC	25
6460728	Total Hepta CDD	2019/11/26					<0.110, EDL=0.110	pg/g	NC	25
6460728	Total Hepta CDF	2019/11/26					<0.117, EDL=0.117	pg/g	NC	25
6460728	Total Hexa CDD	2019/11/26					<0.142, EDL=0.142 (4)	pg/g	NC	25
6460728	Total Hexa CDF	2019/11/26					<0.112, EDL=0.112	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6460728	Total Penta CDD	2019/11/26					<0.119, EDL=0.119	pg/g	NC	25
6460728	Total Penta CDF	2019/11/26					<0.104, EDL=0.104	pg/g	NC	25
6460728	Total Tetra CDD	2019/11/26					<0.108, EDL=0.108	pg/g	NC	25
6460728	Total Tetra CDF	2019/11/26					<0.105, EDL=0.105	pg/g	NC	25
6465491	1,2,3,4,6,7,8-Hepta CDD	2019/11/27	98	70 - 140	118	70 - 140	0.274, EDL=0.146	pg/g	NC	25
6465491	1,2,3,4,6,7,8-Hepta CDF	2019/11/27	104	82 - 122	113	82 - 122	0.452, EDL=0.114	pg/g	NC	25
6465491	1,2,3,4,7,8,9-Hepta CDF	2019/11/27	92	78 - 138	99	78 - 138	<0.105, EDL=0.105	pg/g	NC	25
6465491	1,2,3,4,7,8-Hexa CDD	2019/11/27	108	70 - 164	107	70 - 164	<0.111, EDL=0.111	pg/g	NC	25
6465491	1,2,3,4,7,8-Hexa CDF	2019/11/27	99	72 - 134	101	72 - 134	<0.150, EDL=0.150	pg/g	NC	25
6465491	1,2,3,6,7,8-Hexa CDD	2019/11/27	136 (30)	76 - 134	116	76 - 134	<0.107, EDL=0.107	pg/g	NC	25
6465491	1,2,3,6,7,8-Hexa CDF	2019/11/27	117	84 - 130	124	84 - 130	<0.150, EDL=0.150	pg/g	NC	25
6465491	1,2,3,7,8,9-Hexa CDD	2019/11/27	130	64 - 162	136	64 - 162	<0.110, EDL=0.110	pg/g	NC	25
6465491	1,2,3,7,8,9-Hexa CDF	2019/11/27	105	78 - 130	103	78 - 130	<0.152, EDL=0.152	pg/g	NC	25
6465491	1,2,3,7,8-Penta CDD	2019/11/27	117	25 - 181	114	25 - 181	<0.148, EDL=0.148	pg/g	NC	25
6465491	1,2,3,7,8-Penta CDF	2019/11/27	117	80 - 134	114	80 - 134	<0.119, EDL=0.119	pg/g	NC	25
6465491	2,3,4,6,7,8-Hexa CDF	2019/11/27	104	70 - 156	114	70 - 156	<0.141, EDL=0.141	pg/g	NC	25
6465491	2,3,4,7,8-Penta CDF	2019/11/27	100	68 - 160	100	68 - 160	<0.110, EDL=0.110	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6465491	2,3,7,8-Tetra CDD	2019/11/27	95	67 - 158	90	67 - 158	<0.118, EDL=0.118	pg/g	NC	25
6465491	2,3,7,8-Tetra CDF	2019/11/27	94	75 - 158	94	75 - 158	<0.113, EDL=0.113	pg/g	NC	25
6465491	Octa CDD	2019/11/27	104	78 - 144	98	78 - 144	1.48, EDL=0.125	pg/g	NC	25
6465491	Octa CDF	2019/11/27	101	63 - 170	121	63 - 170	0.767, EDL=0.157	pg/g	NC	25
6465491	Total Hepta CDD	2019/11/27					0.274, EDL=0.146	pg/g	NC	25
6465491	Total Hepta CDF	2019/11/27					0.955, EDL=0.109	pg/g	NC	25
6465491	Total Hexa CDD	2019/11/27					<0.334, EDL=0.334 (4)	pg/g	NC (4)	25
6465491	Total Hexa CDF	2019/11/27					<0.148, EDL=0.148	pg/g	NC	25
6465491	Total Penta CDD	2019/11/27					<0.148, EDL=0.148	pg/g	NC	25
6465491	Total Penta CDF	2019/11/27					<0.114, EDL=0.114	pg/g	NC	25
6465491	Total Tetra CDD	2019/11/27					<0.118, EDL=0.118	pg/g	NC (4)	25
6465491	Total Tetra CDF	2019/11/27					<0.196, EDL=0.196 (4)	pg/g	NC (4)	25
6472426	1,2,3,4,6,7,8-Hepta CDD	2019/12/12	105	70 - 140	103	70 - 140	<0.111, EDL=0.111	pg/g	NC	25
6472426	1,2,3,4,6,7,8-Hepta CDF	2019/12/12	120	82 - 122	118	82 - 122	<0.102, EDL=0.102	pg/g	NC	25
6472426	1,2,3,4,7,8,9-Hepta CDF	2019/12/12	100	78 - 138	104	78 - 138	<0.101, EDL=0.101	pg/g	NC	25
6472426	1,2,3,4,7,8-Hexa CDD	2019/12/12	111	70 - 164	108	70 - 164	<0.118, EDL=0.118	pg/g	NC	25
6472426	1,2,3,4,7,8-Hexa CDF	2019/12/12	110	72 - 134	103	72 - 134	<0.116, EDL=0.116	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6472426	1,2,3,6,7,8-Hexa CDD	2019/12/12	116	76 - 134	122	76 - 134	<0.114, EDL=0.114	pg/g	NC	25
6472426	1,2,3,6,7,8-Hexa CDF	2019/12/12	123	84 - 130	114	84 - 130	<0.113, EDL=0.113	pg/g	NC	25
6472426	1,2,3,7,8,9-Hexa CDD	2019/12/12	116	64 - 162	131	64 - 162	<0.116, EDL=0.116	pg/g	NC	25
6472426	1,2,3,7,8,9-Hexa CDF	2019/12/12	102	78 - 130	112	78 - 130	<0.110, EDL=0.110	pg/g	NC	25
6472426	1,2,3,7,8-Penta CDD	2019/12/12	124	25 - 181	113	25 - 181	<0.108, EDL=0.108	pg/g	NC	25
6472426	1,2,3,7,8-Penta CDF	2019/12/12	117	80 - 134	113	80 - 134	<0.120, EDL=0.120	pg/g	NC	25
6472426	2,3,4,6,7,8-Hexa CDF	2019/12/12	125	70 - 156	120	70 - 156	<0.109, EDL=0.109	pg/g	NC	25
6472426	2,3,4,7,8-Penta CDF	2019/12/12	112	68 - 160	105	68 - 160	<0.112, EDL=0.112	pg/g	NC	25
6472426	2,3,7,8-Tetra CDD	2019/12/12	102	67 - 158	95	67 - 158	<0.108, EDL=0.108	pg/g	NC	25
6472426	2,3,7,8-Tetra CDF	2019/12/12	109	75 - 158	105	75 - 158	<0.108, EDL=0.108	pg/g	NC	25
6472426	Octa CDD	2019/12/12	111	78 - 144	108	78 - 144	0.113, EDL=0.107	pg/g	NC (4)	25
6472426	Octa CDF	2019/12/12	115	63 - 170	108	63 - 170	<0.108, EDL=0.108	pg/g	NC	25
6472426	Total Hepta CDD	2019/12/12					<0.111, EDL=0.111	pg/g	NC	25
6472426	Total Hepta CDF	2019/12/12					<0.101, EDL=0.101	pg/g	NC	25
6472426	Total Hexa CDD	2019/12/12					<0.118, EDL=0.118	pg/g	NC	25
6472426	Total Hexa CDF	2019/12/12					<0.112, EDL=0.112	pg/g	NC	25
6472426	Total Penta CDD	2019/12/12					<0.108, EDL=0.108	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6472426	Total Penta CDF	2019/12/12					<0.116, EDL=0.116	pg/g	NC	25
6472426	Total Tetra CDD	2019/12/12					<0.108, EDL=0.108	pg/g	NC	25
6472426	Total Tetra CDF	2019/12/12					<0.108, EDL=0.108	pg/g	NC	25
6491814	2,3-DiCB-(5)	2019/12/22					<0.0010	ng/g	NC	30
6491814	2,3'-DiCB-(6)	2019/12/22					<0.0011	ng/g	NC	30
6491814	2,4-DiCB-(7)	2019/12/22					<0.0011	ng/g	NC	30
6491814	2,4'-DiCB-(8)	2019/12/22					<0.0011	ng/g	NC	30
6491814	2,5-DiCB-(9)	2019/12/22					<0.0011	ng/g	NC	30
6491814	2,6-DiCB-(10)	2019/12/22					<0.0013	ng/g	NC	30
6491814	22'33'44'55'6-NonaCB-(206)	2019/12/22	95	50 - 150	86	50 - 150	<0.0015	ng/g	NC	30
6491814	22'33'44'55'-OctaCB-(194)	2019/12/22					<0.0014	ng/g	NC	30
6491814	22'33'44'566'-NonaCB-(207)	2019/12/22					<0.0014	ng/g	NC	30
6491814	22'33'44'56-OctaCB-(195)	2019/12/22					<0.0014	ng/g	NC	30
6491814	22'33'44'56'-OctaCB-(196)	2019/12/22					<0.0036	ng/g	NC	30
6491814	22'33'44'5-HeptaCB-(170)	2019/12/22	90	50 - 150	93	50 - 150	<0.0015	ng/g	NC	30
6491814	22'33'44'66'OctaCB-(197)	2019/12/22					<0.0023	ng/g	NC	30
6491814	22'33'455'66'-NonaCB-(208)	2019/12/22	92	50 - 150	85	50 - 150	<0.0016	ng/g	NC	30
6491814	22'33'455'-HeptaCB-(172)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'33'4566'-OctaCB-(200)	2019/12/22					<0.0025	ng/g	NC	30
6491814	22'33'45'66'-OctaCB-(201)	2019/12/22					<0.0024	ng/g	NC	30
6491814	22'33'456'-HeptaCB-(174)	2019/12/22					<0.0019	ng/g	NC	30
6491814	22'33'45'6-HeptaCB-(175)	2019/12/22					<0.0034	ng/g	NC	30
6491814	22'33'45'6'-HeptaCB-(177)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'33'45'-HexaCB-(130)	2019/12/22					<0.0025	ng/g	NC	30
6491814	22'33'466'-HeptaCB-(176)	2019/12/22					<0.0026	ng/g	NC	30
6491814	22'33'46-HexaCB-(131)	2019/12/22					<0.0026	ng/g	NC	30
6491814	22'33'46'-HexaCB-(132)	2019/12/22					<0.0023	ng/g	NC	30
6491814	22'33'4-PentaCB-(82)	2019/12/22					<0.0022	ng/g	NC	30
6491814	22'33'55'66'-OctaCB-(202)	2019/12/22	89	50 - 150	85	50 - 150	<0.0024	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	22'33'55'6-HeptaCB-(178)	2019/12/22					<0.0036	ng/g	NC	30
6491814	22'33'55'-HexaCB-(133)	2019/12/22					<0.0022	ng/g	NC	30
6491814	22'33'566'-HeptaCB-(179)	2019/12/22					<0.0026	ng/g	NC	30
6491814	22'33'66'-HexaCB-(136)	2019/12/22					<0.0022	ng/g	NC	30
6491814	22'33'6-PentaCB-(84)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'344'55'6-OctaCB-(203)	2019/12/22					<0.0033	ng/g	NC	30
6491814	22'344'566'-OctaCB-(204)	2019/12/22					<0.0025	ng/g	NC	30
6491814	22'344'56-HeptaCB-(181)	2019/12/22					<0.0018	ng/g	NC	30
6491814	22'344'56'-HeptaCB-(182)	2019/12/22					<0.0031	ng/g	NC	30
6491814	22'344'5'6-HeptaCB-(183)	2019/12/22					<0.0020	ng/g	NC	30
6491814	22'344'5-HexaCB-(137)	2019/12/22					<0.0025	ng/g	NC	30
6491814	22'344'66'-HeptaCB-(184)	2019/12/22					<0.0024	ng/g	NC	30
6491814	22'3455'6-HeptaCB-(185)	2019/12/22					<0.0017	ng/g	NC	30
6491814	22'34'55'6-HeptaCB-(187)	2019/12/22					<0.0032	ng/g	23	30
6491814	22'3455'-HexaCB-(141)	2019/12/22					<0.0022	ng/g	NC	30
6491814	22'34'55'-HexaCB-(146)	2019/12/22					<0.0019	ng/g	NC	30
6491814	22'34566'-HeptaCB-(186)	2019/12/22					<0.0027	ng/g	NC	30
6491814	22'34'566'-HeptaCB-(188)	2019/12/22	85	50 - 150	90	50 - 150	<0.0023	ng/g	NC	30
6491814	22'3456-HexaCB-(142)	2019/12/22					<0.0024	ng/g	NC	30
6491814	22'345'6-HexaCB-(144)	2019/12/22					<0.0033	ng/g	NC	30
6491814	22'34'56'-HexaCB-(148)	2019/12/22					<0.0029	ng/g	NC	30
6491814	22'3466'-HexaCB-(145)	2019/12/22					<0.0023	ng/g	NC	30
6491814	22'34'66'-HexaCB-(150)	2019/12/22					<0.0020	ng/g	NC	30
6491814	22'346'-PentaCB-(89)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'34'-TetraCB-(42)	2019/12/22					<0.0030	ng/g	NC	30
6491814	22'355'-PentaCB-(92)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'3566'-HexaCB-(152)	2019/12/22					<0.0023	ng/g	NC	30
6491814	22'356'-PentaCB-(94)	2019/12/22					<0.0021	ng/g	NC	30
6491814	22'35'6-PentaCB-(95)	2019/12/22					<0.0018	ng/g	NC	30
6491814	22'35-TetraCB-(43)	2019/12/22					<0.0035	ng/g	NC	30
6491814	22'366'-PentaCB-(96)	2019/12/22					<0.0025	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	22'36'-TetraCB-(46)	2019/12/22					<0.0031	ng/g	NC	30
6491814	22'3-TriCB-(16)	2019/12/22					<0.0065	ng/g	NC	30
6491814	22'44'56'-HexaCB-(154)	2019/12/22					<0.0025	ng/g	NC	30
6491814	22'44'66'-HexaCB-(155)	2019/12/22	84	50 - 150	91	50 - 150	<0.0015	ng/g	NC	30
6491814	22'45'6-PentaCB-(103)	2019/12/22					<0.0017	ng/g	NC	30
6491814	22'45-TetraCB-(48)	2019/12/22					<0.0026	ng/g	NC	30
6491814	22'466'-PentaCB-(104)	2019/12/22	92	50 - 150	88	50 - 150	<0.0015	ng/g	NC	30
6491814	22'4-TriCB-(17)	2019/12/22					<0.0050	ng/g	NC	30
6491814	22'55'-TetraCB-(52)	2019/12/22					<0.0026	ng/g	7.1	30
6491814	22'66'-TetraCB-(54)	2019/12/22	81	50 - 150	75	50 - 150	<0.0020	ng/g	NC	30
6491814	22'6-TriCB-(19)	2019/12/22	92	50 - 150	89	50 - 150	<0.0037	ng/g	NC	30
6491814	22'-DiCB-(4)	2019/12/22	92	50 - 150	95	50 - 150	<0.0012	ng/g	NC	30
6491814	233'44'55'6-OctaCB-(205)	2019/12/22	88	50 - 150	98	50 - 150	<0.0013	ng/g	NC	30
6491814	233'44'55'-HeptaCB-(189)	2019/12/22	93	50 - 150	88	50 - 150	<0.0014	ng/g	NC	30
6491814	233'44'56-HeptaCB-(190)	2019/12/22					<0.0016	ng/g	NC	30
6491814	233'44'5'6-HeptaCB-(191)	2019/12/22					<0.0015	ng/g	NC	30
6491814	233'44'6-HexaCB-(158)	2019/12/22					<0.0015	ng/g	NC	30
6491814	233'44'-PentaCB-(105)	2019/12/22	102	50 - 150	102	50 - 150	<0.0012	ng/g	NC	30
6491814	233'455'6-HeptaCB-(192)	2019/12/22					<0.0017	ng/g	NC	30
6491814	233'455'-HexaCB-(159)	2019/12/22					<0.0016	ng/g	NC	30
6491814	233'4'55'-HexaCB-(162)	2019/12/22					<0.0016	ng/g	NC	30
6491814	233'456-HexaCB-(160)	2019/12/22					<0.0018	ng/g	NC	30
6491814	233'45'6-HexaCB-(161)	2019/12/22					<0.0017	ng/g	NC	30
6491814	233'4'5'6-HexaCB-(164)	2019/12/22					<0.0014	ng/g	NC	30
6491814	233'45-PentaCB-(106)	2019/12/22					<0.0010	ng/g	NC	30
6491814	233'4'5-PentaCB-(107)	2019/12/22					<0.00096	ng/g	NC	30
6491814	233'4'5'-PentaCB-(122)	2019/12/22					<0.0011	ng/g	NC	30
6491814	233'4'-Tetra CB(56)	2019/12/22					<0.0014	ng/g	NC	30
6491814	233'4-TetraCB-(55)	2019/12/22					<0.0015	ng/g	NC	30
6491814	233'55'6-HexaCB-(165)	2019/12/22					<0.0018	ng/g	NC	30
6491814	233'55'-PentaCB-(111)	2019/12/22					<0.0015	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	233'56-PentaCB-(112)	2019/12/22					<0.0014	ng/g	NC	30
6491814	233'5-TetraCB-(57)	2019/12/22					<0.0014	ng/g	NC	30
6491814	233'5'-TetraCB-(58)	2019/12/22					<0.0013	ng/g	NC	30
6491814	23'44'55'-HexaCB-(167)	2019/12/22	101	50 - 150	92	50 - 150	<0.0019	ng/g	NC	30
6491814	2344'5-PentaCB-(114)	2019/12/22	95	50 - 150	96	50 - 150	<0.0012	ng/g	NC	30
6491814	23'44'5-PentaCB-(118)	2019/12/22	98	50 - 150	95	50 - 150	<0.0012	ng/g	5.7	30
6491814	23'44'5'-PentaCB-(123)	2019/12/22	104	50 - 150	99	50 - 150	<0.0013	ng/g	NC	30
6491814	2344'-TetraCB -(60)	2019/12/22					<0.0014	ng/g	NC	30
6491814	23'44'-TetraCB-(66)	2019/12/22					<0.0013	ng/g	NC	30
6491814	23'455'-PentaCB-(120)	2019/12/22					<0.0014	ng/g	NC	30
6491814	23'45'6-PentaCB-(121)	2019/12/22					<0.0014	ng/g	NC	30
6491814	234'5-TetraCB-(63)	2019/12/22					<0.0013	ng/g	NC	30
6491814	23'45-TetraCB-(67)	2019/12/22					<0.0013	ng/g	NC	30
6491814	23'45'-TetraCB-(68)	2019/12/22					<0.0014	ng/g	NC	30
6491814	234'6-TetraCB-(64)	2019/12/22					<0.0021	ng/g	NC	30
6491814	234'-TriCB-(22)	2019/12/22					<0.0011	ng/g	NC	30
6491814	23'4-TriCB-(25)	2019/12/22					<0.0011	ng/g	NC	30
6491814	23'55'-TetraCB-(72)	2019/12/22					<0.0014	ng/g	NC	30
6491814	23'5'6-TetraCB-(73)	2019/12/22					<0.0022	ng/g	NC	30
6491814	235-TriCB-(23)	2019/12/22					<0.0011	ng/g	NC	30
6491814	23'5'-TriCB-(34)	2019/12/22					<0.0010	ng/g	NC	30
6491814	236-TriCB-(24)	2019/12/22					<0.0035	ng/g	NC	30
6491814	23'6-TriCB-(27)	2019/12/22					<0.0040	ng/g	NC	30
6491814	24'5-TriCB-(31)	2019/12/22					<0.0011	ng/g	NC	30
6491814	24'6-TriCB-(32)	2019/12/22					<0.0035	ng/g	NC	30
6491814	2-MonoCB-(1)	2019/12/22	105	50 - 150	107	50 - 150	<0.00078	ng/g	NC	30
6491814	3,3'-DiCB-(11)	2019/12/22					<0.0011	ng/g	NC (4)	30
6491814	3,5-DiCB-(14)	2019/12/22					<0.0011	ng/g	NC	30
6491814	33'44'55'-HexaCB-(169)	2019/12/22	85	50 - 150	89	50 - 150	<0.0020	ng/g	NC	30
6491814	33'44'5-PentaCB-(126)	2019/12/22	101	50 - 150	96	50 - 150	<0.0012	ng/g	NC	30
6491814	33'44'-TetraCB-(77)	2019/12/22	106	50 - 150	93	50 - 150	<0.0018	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	33'455'-PentaCB-(127)	2019/12/22					<0.0011	ng/g	NC	30
6491814	33'45-TetraCB-(78)	2019/12/22					<0.0014	ng/g	NC	30
6491814	33'45'-TetraCB(79)	2019/12/22					<0.0012	ng/g	NC	30
6491814	33'4-TriCB-(35)	2019/12/22					<0.0010	ng/g	NC	30
6491814	33'55'-TetraCB-(80)	2019/12/22					<0.0012	ng/g	NC	30
6491814	33'5-TriCB-(36)	2019/12/22					<0.00099	ng/g	NC	30
6491814	344'5-TetraCB-(81)	2019/12/22	99	50 - 150	99	50 - 150	<0.0017	ng/g	NC	30
6491814	344'-TriCB-(37)	2019/12/22	93	50 - 150	89	50 - 150	<0.0017	ng/g	NC	30
6491814	345-TriCB-(38)	2019/12/22					<0.0011	ng/g	NC	30
6491814	34'5-TriCB-(39)	2019/12/22					<0.0010	ng/g	NC	30
6491814	3-MonoCB-(2)	2019/12/22					<0.00069	ng/g	NC	30
6491814	4,4'-DiCB-(15)	2019/12/22	95	50 - 150	98	50 - 150	<0.0017	ng/g	NC	30
6491814	4-MonoCB-(3)	2019/12/22	106	50 - 150	100	50 - 150	<0.00075	ng/g	NC	30
6491814	DecaCB-(209)	2019/12/22	78	50 - 150	80	50 - 150	<0.0014	ng/g	NC	30
6491814	DiCB-(12)+(13)	2019/12/22					<0.0011	ng/g	NC	30
6491814	HeptaCB-(171)+(173)	2019/12/22					<0.0018	ng/g	NC	30
6491814	HeptaCB-(180)+(193)	2019/12/22	89	50 - 150	87	50 - 150	<0.0015	ng/g	NC	30
6491814	HexaCB-(128)+(166)	2019/12/22					<0.0019	ng/g	NC	30
6491814	HexaCB-(129)+(138)+(163)	2019/12/22					<0.0020	ng/g	17	30
6491814	HexaCB-(134)+(143)	2019/12/22					<0.0023	ng/g	NC	30
6491814	HexaCB-(135)+(151)	2019/12/22					<0.0030	ng/g	NC	30
6491814	HexaCB-(139)+(140)	2019/12/22					<0.0020	ng/g	NC	30
6491814	HexaCB-(147)+(149)	2019/12/22					<0.0019	ng/g	NC	30
6491814	HexaCB-(153)+(168)	2019/12/22					<0.0017	ng/g	20	30
6491814	HexaCB-(156)+(157)	2019/12/22	100	50 - 150	100	50 - 150	<0.0020	ng/g	NC	30
6491814	OctaCB-(198)+(199)	2019/12/22					<0.0035	ng/g	NC	30
6491814	PentaCB-(108)+(124)	2019/12/22					<0.0010	ng/g	NC	30
6491814	PentaCB-(110)+(115)	2019/12/22					<0.0015	ng/g	NC	30
6491814	PentaCB-(83)+(99)	2019/12/22					<0.0020	ng/g	NC	30
6491814	PentaCB-(85)+(116)+(117)	2019/12/22					<0.0016	ng/g	NC	30
6491814	PentaCB-(86)(87)(97)(109)(119)(125)	2019/12/22					<0.0017	ng/g	NC	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6491814	PentaCB-(88)+(91)	2019/12/22					<0.0020	ng/g	NC	30
6491814	PentaCB-(90)+(101)+(113)	2019/12/22					<0.0017	ng/g	NC	30
6491814	PentaCB-(93)+(98)+(100)+(102)	2019/12/22					<0.0019	ng/g	NC	30
6491814	TetraCB-(40)+(41)+(71)	2019/12/22					<0.0027	ng/g	NC	30
6491814	TetraCB-(44)+(47)+(65)	2019/12/22					<0.0025	ng/g	NC	30
6491814	TetraCB-(45)+(51)	2019/12/22					<0.0028	ng/g	NC	30
6491814	TetraCB-(49)+TetraCB-(69)	2019/12/22					<0.0024	ng/g	NC	30
6491814	TetraCB-(50)+(53)	2019/12/22					<0.0027	ng/g	NC	30
6491814	TetraCB-(59)+(62)+(75)	2019/12/22					<0.0020	ng/g	NC	30
6491814	TetraCB-(61)+(70)+(74)+(76)	2019/12/22					<0.0013	ng/g	NC	30
6491814	TriCB-(18)+(30)	2019/12/22					<0.0043	ng/g	NC	30
6491814	TriCB-(20) + (28)	2019/12/22					<0.0011	ng/g	NC	30
6491814	TriCB-(21)+(33)	2019/12/22					<0.0011	ng/g	NC	30
6491814	TriCB-(26)+(29)	2019/12/22					<0.0011	ng/g	NC	30
6507189	Acenaphthene	2020/01/01	99	50 - 150	101	60 - 140	<0.53	ng/g	49	50
6507189	Acenaphthylene	2020/01/01	107	50 - 150	124	60 - 140	<0.42	ng/g	NC	50
6507189	Anthracene	2020/01/01	90	50 - 150	91	60 - 140	<0.18	ng/g	NC	50
6507189	Benzo(a)anthracene	2020/01/01	79	50 - 150	81	60 - 140	<0.25	ng/g	NC	50
6507189	Benzo(a)pyrene	2020/01/01	80	50 - 150	69	60 - 140	<0.38	ng/g	NC	50
6507189	Benzo(b/j)fluoranthene	2020/01/01	94	50 - 150	97	60 - 140	<0.28	ng/g	NC	50
6507189	Benzo(g,h,i)perylene	2020/01/01	59	50 - 150	97	60 - 140	<0.26	ng/g	26	50
6507189	Benzo(k)fluoranthene	2020/01/01	84	50 - 150	79	60 - 140	<0.27	ng/g	NC	50
6507189	Chrysene	2020/01/01	82	50 - 150	85	60 - 140	<0.26	ng/g	NC	50
6507189	Dibenzo(a,h)anthracene	2020/01/01	94	50 - 150	79	60 - 140	<0.45	ng/g	NC	50
6507189	Fluoranthene	2020/01/01	102	50 - 150	98	60 - 140	<0.69	ng/g	NC	50
6507189	Fluorene	2020/01/01	NC	50 - 150	90	60 - 140	0.57, RDL=0.50	ng/g	28	50
6507189	Indeno(1,2,3-cd)pyrene	2020/01/01	89	50 - 150	86	60 - 140	<0.31	ng/g	NC	50
6507189	Naphthalene	2020/01/01	82	50 - 150	132	60 - 140	1.16, RDL=0.50	ng/g	45	50
6507189	Phenanthrene	2020/01/01	85	50 - 150	116	60 - 140	1.13, RDL=0.50	ng/g	11	50
6507189	Pyrene	2020/01/01	112	50 - 150	103	60 - 140	<0.68	ng/g	NC	50
6511431	Acenaphthene	2020/01/13	106	50 - 150	112	60 - 140	1.83, RDL=0.50	ng/g	NC	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6511431	Acenaphthylene	2020/01/13	107	50 - 150	120	60 - 140	<0.42	ng/g	NC	50
6511431	Anthracene	2020/01/13	92	50 - 150	97	60 - 140	<0.035	ng/g	NC	50
6511431	Benzo(a)anthracene	2020/01/13	88	50 - 150	90	60 - 140	<0.078	ng/g	NC	50
6511431	Benzo(a)pyrene	2020/01/13	77	50 - 150	76	60 - 140	<0.38	ng/g	NC	50
6511431	Benzo(b/j)fluoranthene	2020/01/13	153 (32)	50 - 150	108	60 - 140	<0.10	ng/g	NC	50
6511431	Benzo(g,h,i)perylene	2020/01/13	83	50 - 150	77	60 - 140	<0.10	ng/g	NC	50
6511431	Benzo(k)fluoranthene	2020/01/13	74	50 - 150	85	60 - 140	<0.083	ng/g	NC	50
6511431	Chrysene	2020/01/13	81	50 - 150	92	60 - 140	<0.056	ng/g	NC	50
6511431	Dibenzo(a,h)anthracene	2020/01/13	93	50 - 150	80	60 - 140	<0.067	ng/g	NC	50
6511431	Fluoranthene	2020/01/13	86	50 - 150	82	60 - 140	0.095, RDL=0.50	ng/g	NC	50
6511431	Fluorene	2020/01/13	75	50 - 150	87	60 - 140	0.211, RDL=0.50	ng/g	NC	50
6511431	Indeno(1,2,3-cd)pyrene	2020/01/13	86	50 - 150	86	60 - 140	<0.10	ng/g	NC	50
6511431	Naphthalene	2020/01/13	106	50 - 150	156 (11)	60 - 140	2.53, RDL=0.50	ng/g	2.1	50
6511431	Phenanthrene	2020/01/13	101	50 - 150	111	60 - 140	0.450, RDL=0.50	ng/g	NC	50
6511431	Pyrene	2020/01/13	91	50 - 150	80	60 - 140	0.098, RDL=0.50	ng/g	NC	50
6520612	Acenaphthene	2020/01/03	114	50 - 150	94	60 - 140	0.089, RDL=0.50	ng/g	31	50
6520612	Acenaphthylene	2020/01/03	128	50 - 150	119	60 - 140	0.190, RDL=0.50	ng/g	NC	50
6520612	Anthracene	2020/01/03	100	50 - 150	102	60 - 140	<0.12	ng/g	NC	50
6520612	Benzo(a)anthracene	2020/01/03	100	50 - 150	98	60 - 140	<0.066	ng/g	NC	50
6520612	Benzo(a)pyrene	2020/01/03	95	50 - 150	86	60 - 140	<0.099	ng/g	NC	50
6520612	Benzo(b/j)fluoranthene	2020/01/03	111	50 - 150	106	60 - 140	0.102, RDL=1.0	ng/g	NC	50
6520612	Benzo(g,h,i)perylene	2020/01/03	81	50 - 150	83	60 - 140	<0.089	ng/g	NC	50
6520612	Benzo(k)fluoranthene	2020/01/03	84	50 - 150	92	60 - 140	<0.073	ng/g	NC	50
6520612	Chrysene	2020/01/03	97	50 - 150	107	60 - 140	<0.061	ng/g	NC	50
6520612	Dibenzo(a,h)anthracene	2020/01/03	89	50 - 150	92	60 - 140	<0.092	ng/g	NC	50
6520612	Fluoranthene	2020/01/03	97	50 - 150	103	60 - 140	0.276, RDL=0.50	ng/g	NC	50
6520612	Fluorene	2020/01/03	105	50 - 150	105	60 - 140	0.390, RDL=0.50	ng/g	NC	50
6520612	Indeno(1,2,3-cd)pyrene	2020/01/03	95	50 - 150	101	60 - 140	<0.10	ng/g	NC	50
6520612	Naphthalene	2020/01/03	100	50 - 150	163 (11)	60 - 140	2.90, RDL=0.50	ng/g	22	50
6520612	Phenanthrene	2020/01/03	110	50 - 150	121	60 - 140	1.09, RDL=0.50	ng/g	16	50
6520612	Pyrene	2020/01/03	111	50 - 150	115	60 - 140	0.217, RDL=0.50	ng/g	NC	50

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6523817	Acenaphthene	2020/01/17	111	50 - 150	110	60 - 140	0.103, RDL=0.50	ng/g	NC	50
6523817	Acenaphthylene	2020/01/17	109	50 - 150	116	60 - 140	0.188, RDL=0.50	ng/g	NC	50
6523817	Anthracene	2020/01/17	89	50 - 150	87	60 - 140	0.104, RDL=0.50	ng/g	NC	50
6523817	Benzo(a)anthracene	2020/01/17	89	50 - 150	89	60 - 140	0.0305, RDL=0.50	ng/g	NC	50
6523817	Benzo(a)pyrene	2020/01/17	88	50 - 150	88	60 - 140	<0.38	ng/g	NC	50
6523817	Benzo(b/j)fluoranthene	2020/01/17	104	50 - 150	113	60 - 140	<0.30	ng/g	NC	50
6523817	Benzo(g,h,i)perylene	2020/01/17	92	50 - 150	83	60 - 140	0.028, RDL=0.50	ng/g	NC	50
6523817	Benzo(k)fluoranthene	2020/01/17	76	50 - 150	91	60 - 140	<0.26	ng/g	NC	50
6523817	Chrysene	2020/01/17	94	50 - 150	96	60 - 140	0.0298, RDL=0.50	ng/g	NC	50
6523817	Dibenzo(a,h)anthracene	2020/01/17	106	50 - 150	92	60 - 140	<0.034	ng/g	NC	50
6523817	Fluoranthene	2020/01/17	88	50 - 150	102	60 - 140	0.209, RDL=0.50	ng/g	NC	50
6523817	Fluorene	2020/01/17	102	50 - 150	113	60 - 140	0.363, RDL=0.50	ng/g	NC	50
6523817	Indeno(1,2,3-cd)pyrene	2020/01/17	87	50 - 150	98	60 - 140	<0.024	ng/g	NC	50
6523817	Naphthalene	2020/01/17	116	50 - 150	146 (11)	60 - 140	2.59, RDL=0.50	ng/g	48	50
6523817	Phenanthrene	2020/01/17	109	50 - 150	115	60 - 140	1.07, RDL=0.50	ng/g	NC	50
6523817	Pyrene	2020/01/17	99	50 - 150	108	60 - 140	0.161, RDL=0.50	ng/g	NC	50

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Some of the Internal standard Recoveries are outside method criteria, due to possible matrix interferences caused suppression on recovery standard PCB194L. No affect to native concentration.

(2) Recovery is outside control limits, possibly due to matrix effects

(3) Samples have more than 5x blank amount.

(4) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits

(5) 13c-naphthalene used.

(6) Recovery cannot be calculated due to levels in sample. Possible sample heterogeneity.

(7) Possible sample homogeneity. Both sample and sample-dup anallysed at 10x dilution for possible matrix effects. No change in the results.

(8) Native recovery is above the method criteria, possibly due to matrix effects

(9) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(10) Recovery is outside method limits due to elevated background levels.

(11) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(12) from 10x dilution

(13) ** From 10X Dilution **

(14) ** From 10X Dilution **EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(15) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit. ** From 10X Dilution **

(16) ** Result taken from M1191208A run **

(17) Recovery is outside method limits, possibly due to high ambient levels.

(18) Possibly due to high ambient levels.

(19) Internal Recovery is above method criteria, due to matrix interferences

(20) Native recovery is above method criteria, due to matrix effect

(21) PCB analysis: Blank was found to contain numerous PCB congeners greater than the MDL possibly related to the matrix used.

(22) Native Recovery is above method criteria, due to matrix effects

(23) ** Some variation at trace levels **

(24) Recovery outside method acceptance criteria due to possible sample heterogeneity

(25) Recovery meets M1613 OPR criteria

(26) Recovery outside method acceptance criteria due to possible sample heterogeneity

(27) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(28) Recovery exceeds method criteria possibly due to matrix effects

(29) Recovery exceeds method criteria

(30) Recovery exceeds method criteria due to matrix effects

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
(31) 13C6										
(32) High recovery. Possibly due to sample homogeneity.										

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Team Leader, VOC Air

<Original signed by>

Branko Vrzic, A.SC.T., Senior Analyst, HRMS Services

<Original signed by>

Cathy Xu, Scientific Specialist, Ultra Trace Analysis, HRMS

<Original signed by>

Owen Cosby, BSc.C.Chem, Supervisor, HRMS Services

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-01-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) Incl. on Report? Yes / No

Job Barcode Label

Priority samples highlighted in Pink

Offsite job # B9N9814

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7286-19B-LNG-CRAB-01	TI				1	X	X	X	X						(P: 01)
2	WG7287-19B-LNG-CRAB-02	TI				1	X	X	X	X						(P: 01)
3	WG7288-19B-LNG-CRAB-03	TI				1	X	X	X	X						(P: 01)
4	WG7289-19B-LNG-CRAB-04	TI				1	X	X	X	X						(P: 01)
5	WG7290-19B-LNG-CRAB-05	TI				1	X	X	X	X						(P: 01)
6	WG7291-19B-LNG-CRAB-06	TI				1	X	X	X	X						(P: 01)
7	WG7292-19B-LNG-CRAB-07	TI				1	X	X	X	X						(P: 01)
8	WG7293-19B-LNG-CRAB-08	TI				1	X	X	X	X						(P: 01)
9	WG7294-19B-LNG-CRAB-09	TI				1	X	X	X	X						(P: 01)
10	WG7295-19B-LNG-CRAB-10	TI				1	X	X	X	X						(P: 01)

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID: REFER To ACTR	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHEDAMER	2019/09/04	12:00	<Original signed by>	2019/09/05	09:15		
2.			<Original signed by>				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-02-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7296-19B-LNG-CRAB-11	TI				1	X	X	X	X							(P: 01)
2	WG7297-19B-LNG-CRAB-12	TI				1	X	X	X	X							(P: 01)
3	WG7298-19B-LNG-CRAB-13	TI				1	X	X	X	X							(P: 01)
4	WG7299-19B-LNG-CRAB-14	TI				1	X	X	X	X							(P: 01)
5	WG7300-19B-LNG-CRAB-15	TI				1	X	X	X	X							(P: 01)
6	WG7316-19B-VIL-CRAB21	TI				1	X	X	X	X							(P: 01)
7	WG7317-19B-VIL-CRAB-27	TI				1	X	X	X	X							(P: 01)
8	WG7318-19B-VIL-CRAB-28	TI				1	X	X	X	X							(P: 01)
9	WG7319-19B-VIL-CRAB-51	TI				1	X	X	X	X							(P: 01)
10	WG7320-19B-VIL-CRAB-40	TI				1	X	X	X	X							(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

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6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-03-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7321-19B-VIL-CRAB-41	TI				1	X	X	X	X							(P: 01)
2	WG7322-19B-VIL-CRAB-42	TI				1	X	X	X	X							(P: 01)
3	WG7323-19B-VIL-CRAB-43	TI				1	X	X	X	X							(P: 01)
4	WG7324-19B-VIL-CRAB-44	TI				1	X	X	X	X							(P: 01)
5	WG7325-19B-VIL-CRAB-45	TI				1	X	X	X	X							(P: 01)
6	WG7326-19B-VIL-CRAB-46	TI				1	X	X	X	X							(P: 01)
7	WG7327-19B-VIL-CRAB-47	TI				1	X	X	X	X							(P: 01)
8	WG7328-19B-VIL-CRAB-48	TI				1	X	X	X	X							(P: 01)
9	WG7329-19B-VIL-CRAB-49	TI				1	X	X	X	X							(P: 01)
10	WG7330-19B-VIL-CRAB-50	TI				1	X	X	X	X							(P: 01)

Job Barcode Label

ANALYSIS REQUESTED

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

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Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-04-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)	ADDITIONAL SAMPLE INFORMATION
1	WG7331-19B-ARM-CRAB-01	TI				1	X	X	X	X	(P: 01)
2	WG7332-19B-ARM-CRAB-02	TI				1	X	X	X	X	(P: 01)
3	WG7333-19B-ARM-CRAB-03	TI				1	X	X	X	X	(P: 01)
4	WG7334-19B-ARM-CRAB-04	TI				1	X	X	X	X	(P: 01)
5	WG7335-19B-ARM-CRAB-05	TI				1	X	X	X	X	(P: 01)
6	WG7336-19B-ARM-CRAB-06	TI				1	X	X	X	X	(P: 01)
7	WG7337-19B-ARM-CRAB-07	TI				1	X	X	X	X	(P: 01)
8	WG7338-19B-ARM-CRAB-08	TI				1	X	X	X	X	(P: 01)
9	WG7339-19B-ARM-CRAB-09	TI				1	X	X	X	X	(P: 01)
10	WG7340-19B-ARM-CRAB-10	TI				1	X	X	X	X	(P: 01)

Job Barcode Label

ANALYSIS REQUESTED

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

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6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-05-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

ANALYSIS REQUESTED

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7341-19B-ARM-CRAB-11	TI				1	X	X	X	X							(P: 01)
2	WG7342-19B-ARM-CRAB-12	TI				1	X	X	X	X							(P: 01)
3	WG7343-19B-ARM-CRAB-13	TI				1	X	X	X	X							(P: 01)
4	WG7344-19B-ARM-CRAB-14	TI				1	X	X	X	X							(P: 01)
5	WG7345-19B-ARM-CRAB-15	TI				1	X	X	X	X							(P: 01)
6	WG7346-19B-LNG-HEP-01	TI				1		X	X								(P: 01)
7	WG7347-19B-LNG-HEP-02	TI				1		X	X								(P: 01)
8	WG7348-19B-LNG-HEP-03	TI				1		X	X								(P: 01)
9	WG7349-19B-LNG-HEP-04	TI				1		X	X								(P: 01)
10	WG7350-19B-LNG-HEP-05	TI				1		X	X								(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-06-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

ANALYSIS REQUESTED

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7351-19B-LNG-HEP-06	TI				1		X	X								(P: 01)
2	WG7352-19B-LNG-HEP-07	TI				1		X	X								(P: 01)
3	WG7353-19B-LNG-HEP-08	TI				1		X	X								(P: 01)
4	WG7354-19B-LNG-HEP-09	TI				1		X	X								(P: 01)
5	WG7355-19B-LNG-HEP-10	TI				1		X	X								(P: 01)
6	WG7356-19B-LNG-HEP-11	TI				1		X	X								(P: 01)
7	WG7357-19B-LNG-HEP-12	TI				1		X	X								(P: 01)
8	WG7358-19B-LNG-HEP-13	TI				1		X	X								(P: 01)
9	WG7359-19B-LNG-HEP-14	TI				1		X	X								(P: 01)
10	WG7360-19B-LNG-HEP-15	TI				1		X	X								(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-07-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

ANALYSIS REQUESTED

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)	ADDITIONAL SAMPLE INFORMATION
1	WG7361-19B-LNG-HEP-16	TI				1		X		X	(P: 01)
2	WG7362-19B-LNG-HEP-17	TI				1		X		X	(P: 01)
3	WG7363-19B-LNG-HEP-18	TI				1		X		X	(P: 01)
4	WG7364-19B-LNG-HEP-19	TI				1		X		X	(P: 01)
5	WG7365-19B-LNG-HEP-20	TI				1		X		X	(P: 01)
6	WG7366-19B-LNG-HEP-21	TI				1		X		X	(P: 01)
7	WG7367-19B-LNG-HEP-22	TI				1		X		X	(P: 01)
8	WG7368-19B-LNG-HEP-23	TI				1		X		X	(P: 01)
9	WG7369-19B-LNG-HEP-24	TI				1		X		X	(P: 01)
10	WG7370-19B-LNG-HEP-25	TI				1		X		X	(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-08-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7371-19B-LNG-HEP-26	TI				1		X		X						(P: 01)
2	WG7372-19B-LNG-HEP-27	TI				1		X		X						(P: 01)
3	WG7373-19B-LNG-HEP-28	TI				1		X		X						(P: 01)
4	WG7374-19B-LNG-HEP-29	TI				1		X		X						(P: 01)
5	WG7375-19B-LNG-HEP-30	TI				1		X		X						(P: 01)
6	WG7376-19B-LNG-HEP-31	TI				1	X	X								(P: 01)
7	WG7377-19B-LNG-HEP-32	TI				1	X	X								(P: 01)
8	WG7378-19B-LNG-HEP-33	TI				1	X	X								(P: 01)
9	WG7379-19B-LNG-HEP-34	TI				1	X	X								(P: 01)
10	WG7380-19B-LNG-HEP-35	TI				1	X	X								(P: 01)

ANALYSIS REQUESTED

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-09-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

ANALYSIS REQUESTED

Job Barcode Label

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
	Incl. on Report? Yes / No															
1	WG7381-19B-LNG-HEP-36	TI				1	X	X								(P: 01)
2	WG7382-19B-LNG-HEP-37	TI				1	X	X								(P: 01)
3	WG7383-19B-LNG-HEP-38	TI				1	X	X								(P: 01)
4	WG7384-19B-LNG-HEP-39	TI				1	X	X								(P: 01)
5	WG7385-19B-LNG-HEP-40	TI				1	X	X								(P: 01)
6	WG7386-19B-LNG-HEP-41	TI				1	X	X								(P: 01)
7	WG7387-19B-LNG-HEP-42	TI				1	X	X								(P: 01)
8	WG7388-19B-LNG-HEP-43	TI				1	X	X								(P: 01)
9	WG7389-19B-LNG-HEP-44	TI				1	X	X								(P: 01)
10	WG7390-19B-LNG-HEP-45	TI				1	X	X								(P: 01)

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-10-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (16138)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7436-19B-VIL-HEP-01	TI				1		X	X								(P: 01)
2	WG7437-19B-VIL-HEP-02	TI				1		X	X								(P: 01)
3	WG7438-19B-VIL-HEP-03	TI				1		X	X								(P: 01)
4	WG7439-19B-VIL-HEP-04	TI				1		X	X								(P: 01)
5	WG7440-19B-VIL-HEP-05	TI				1		X	X								(P: 01)
6	WG7441-19B-VIL-HEP-06	TI				1		X	X								(P: 01)
7	WG7442-19B-VIL-HEP-07	TI				1		X	X								(P: 01)
8	WG7443-19B-VIL-HEP-08	TI				1		X	X								(P: 01)
9	WG7444-19B-VIL-HEP-09	TI				1		X	X								(P: 01)
10	WG7445-19B-VIL-HEP-10	TI				1		X	X								(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-11-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7446-19B-VIL-HEP-11	TI				1		X	X							(P: 01)
2	WG7447-19B-VIL-HEP-12	TI				1		X	X							(P: 01)
3	WG7448-19B-VIL-HEP-13	TI				1		X	X							(P: 01)
4	WG7449-19B-VIL-HEP-14	TI				1		X	X							(P: 01)
5	WG7450-19B-VIL-HEP-15	TI				1		X	X							(P: 01)
6	WG7451-19B-VIL-HEP-16	TI				1		X		X						(P: 01)
7	WG7452-19B-VIL-HEP-17	TI				1		X		X						(P: 01)
8	WG7453-19B-VIL-HEP-18	TI				1		X		X						(P: 01)
9	WG7454-19B-VIL-HEP-19	TI				1		X		X						(P: 01)
10	WG7455-19B-VIL-HEP-20	TI				1		X		X						(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)			
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)			
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)			
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. NahedAmer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-12-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7456-19B-VIL-HEP-21	TI				1		X		X						(P: 01)
2	WG7457-19B-VIL-HEP-22	TI				1		X		X						(P: 01)
3	WG7458-19B-VIL-HEP-23	TI				1		X		X						(P: 01)
4	WG7459-19B-VIL-HEP-24	TI				1		X		X						(P: 01)
5	WG7460-19B-VIL-HEP-25	TI				1		X		X						(P: 01)
6	WG7461-19B-VIL-HEP-26	TI				1		X		X						(P: 01)
7	WG7462-19B-VIL-HEP-27	TI				1		X		X						(P: 01)
8	WG7463-19B-VIL-HEP-28	TI				1		X		X						(P: 01)
9	WG7464-19B-VIL-HEP-29	TI				1		X		X						(P: 01)
10	WG7465-19B-VIL-HEP-30	TI				1		X		X						(P: 01)

ANALYSIS REQUESTED

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-13-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

ANALYSIS REQUESTED

Job Barcode Label

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7466-19B-VIL-HEP-31	TI				1	X	X								(P: 01)
2	WG7467-19B-VIL-HEP-32	TI				1	X	X								(P: 01)
3	WG7468-19B-VIL-HEP-33	TI				1	X	X								(P: 01)
4	WG7469-19B-VIL-HEP-34	TI				1	X	X								(P: 01)
5	WG7470-19B-VIL-HEP-35	TI				1	X	X								(P: 01)
6	WG7471-19B-VIL-HEP-36	TI				1	X	X								(P: 01)
7	WG7472-19B-VIL-HEP-37	TI				1	X	X								(P: 01)
8	WG7473-19B-VIL-HEP-38	TI				1	X	X								(P: 01)
9	WG7474-19B-VIL-HEP-39	TI				1	X	X								(P: 01)
10	WG7475-19B-VIL-HEP-40	TI				1	X	X								(P: 01)

Incl. on Report? Yes / No

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-14-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7476-19B-VIL-HEP-41	TI				1	X	X									(P: 01)
2	WG7477-19B-VIL-HEP-42	TI				1	X	X									(P: 01)
3	WG7478-19B-VIL-HEP-43	TI				1	X	X									(P: 01)
4	WG7479-19B-VIL-HEP-44	TI				1	X	X									(P: 01)
5	WG7480-19B-VIL-HEP-45	TI				1	X	X									(P: 01)
6	WG7481-19B-ARM-HEP-01	TI				1		X	X								(P: 01)
7	WG7482-19B-ARM-HEP-02	TI				1		X	X								(P: 01)
8	WG7483-19B-ARM-HEP-03	TI				1		X	X								(P: 01)
9	WG7484-19B-ARM-HEP-04	TI				1		X	X								(P: 01)
10	WG7485-19B-ARM-HEP-05	TI				1		X	X								(P: 01)

Job Barcode Label

ANALYSIS REQUESTED

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. NahedAm NAHEDAMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-15-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)	ADDITIONAL SAMPLE INFORMATION
1	WG7486-19B-ARM-HEP-06	TI				1		X	X		(P: 01)
2	WG7487-19B-ARM-HEP-07	TI				1		X	X		(P: 01)
3	WG7488-19B-ARM-HEP-08	TI				1		X	X		(P: 01)
4	WG7489-19B-ARM-HEP-09	TI				1		X	X		(P: 01)
5	WG7490-19B-ARM-HEP-10	TI				1		X	X		(P: 01)
6	WG7491-19B-ARM-HEP-11	TI				1		X	X		(P: 01)
7	WG7492-19B-ARM-HEP-12	TI				1		X	X		(P: 01)
8	WG7493-19B-ARM-HEP-13	TI				1		X	X		(P: 01)
9	WG7494-19B-ARM-HEP-14	TI				1		X	X		(P: 01)
10	WG7495-19B-ARM-HEP-15	TI				1		X	X		(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-16-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7496-19B-ARM-HEP-16	TI				1		X		X						(P: 01)
2	WG7497-19B-ARM-HEP-17	TI				1		X		X						(P: 01)
3	WG7498-19B-ARM-HEP-18	TI				1		X		X						(P: 01)
4	WG7499-19B-ARM-HEP-19	TI				1		X		X						(P: 01)
5	WG7500-19B-ARM-HEP-20	TI				1		X		X						(P: 01)
6	WG7501-19B-ARM-HEP-21	TI				1		X		X						(P: 01)
7	WG7502-19B-ARM-HEP-22	TI				1		X		X						(P: 01)
8	WG7503-19B-ARM-HEP-23	TI				1		X		X						(P: 01)
9	WG7504-19B-ARM-HEP-24	TI				1		X		X						(P: 01)
10	WG7505-19B-ARM-HEP-25	TI				1		X		X						(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHEDAMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-17-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7506-19B-ARM-HEP-26	TI				1		X		X							(P: 01)
2	WG7507-19B-ARM-HEP-27	TI				1		X		X							(P: 01)
3	WG7508-19B-ARM-HEP-28	TI				1		X		X							(P: 01)
4	WG7509-19B-ARM-HEP-29	TI				1		X		X							(P: 01)
5	WG7510-19B-ARM-HEP-30	TI				1		X		X							(P: 01)
6	WG7511-19B-ARM-HEP-31	TI				1	X	X									(P: 01)
7	WG7512-19B-ARM-HEP-32	TI				1	X	X									(P: 01)
8	WG7513-19B-ARM-HEP-33	TI				1	X	X									(P: 01)
9	WG7514-19B-ARM-HEP-34	TI				1	X	X									(P: 01)
10	WG7515-19B-ARM-HEP-35	TI				1	X	X									(P: 01)

Job Barcode Label

ANALYSIS REQUESTED

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

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COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHEDAMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-18-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

ANALYSIS REQUESTED — Incl. on Report? Yes / No

Job Barcode Label

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7516-19B-ARM-HEP-36	TI				1	X	X									(P: 01)
2	WG7517-19B-ARM-HEP-37	TI				1	X	X									(P: 01)
3	WG7518-19B-ARM-HEP-38	TI				1	X	X									(P: 01)
4	WG7519-19B-ARM-HEP-39	TI				1	X	X									(P: 01)
5	WG7520-19B-ARM-HEP-40	TI				1	X	X									(P: 01)
6	WG7521-19B-ARM-HEP-41	TI				1	X	X									(P: 01)
7	WG7522-19B-ARM-HEP-42	TI				1	X	X									(P: 01)
8	WG7523-19B-ARM-HEP-43	TI				1	X	X									(P: 01)
9	WG7524-19B-ARM-HEP-44	TI				1	X	X									(P: 01)
10	WG7525-19B-ARM-HEP-45	TI				1	X	X									(P: 01)

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

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BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:

	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-19-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)	ADDITIONAL SAMPLE INFORMATION
1	WG7526-19B-LNG-SOLE-01	TI				1	X	X	X	X	(P: 01)
2	WG7527-19B-LNG-SOLE-02	TI				1	X	X	X	X	(P: 01)
3	WG7528-19B-LNG-SOLE-03	TI				1	X	X	X	X	(P: 01)
4	WG7529-19B-LNG-SOLE-04	TI				1	X	X	X	X	(P: 01)
5	WG7530-19B-LNG-SOLE-05	TI				1	X	X	X	X	(P: 01)
6	WG7531-19B-LNG-SOLE-06	TI				1	X	X	X	X	(P: 01)
7	WG7532-19B-LNG-SOLE-07	TI				1	X	X	X	X	(P: 01)
8	WG7533-19B-LNG-SOLE-08	TI				1	X	X	X	X	(P: 01)
9	WG7534-19B-LNG-SOLE-09	TI				1	X	X	X	X	(P: 01)
10	WG7535-19B-LNG-SOLE-10	TI				1	X	X	X	X	(P: 01)

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

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2019/12/12
Date Required

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

BUREAU VERITAS

Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

COC # B965964-ONTV-20-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7536-19B-LNG-SOLE-11	TI				1	X	X	X	X						(P: 01)
2	WG7537-19B-LNG-SOLE-12	TI				1	X	X	X	X						(P: 01)
3	WG7538-19B-LNG-SOLE-13	TI				1	X	X	X	X						(P: 01)
4	WG7539-19B-LNG-SOLE-14	TI				1	X	X	X	X						(P: 01)
5	WG7540-19B-LNG-SOLE-15	TI				1	X	X	X	X						(P: 01)
6	WG7586-19B-VIL-SOLE-01	TI				1	X	X	X	X						(P: 01)
7	WG7589-19B-VIL-SOLE-04	TI				1	X	X	X	X						(P: 01)
8	WG7591-19B-VIL-SOLE-06	TI				1	X	X	X	X						(P: 01)
9	WG7592-19B-VIL-SOLE-07 + 10	TI				1	X	X	X	X						(P: 01)
10	WG7593-19B-VIL-SOLE-08	TI				1	X	X	X	X						(P: 01)

ANALYSIS REQUESTED

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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Golder (Q001)

TURNAROUND TIME

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Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (SIGN & PRINT)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	Samples Labelled By:	Labels Verified By:
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-21-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

ANALYSIS REQUESTED

Job Barcode Label

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7594-19B-VIL-SOLE-09	TI				1	X	X	X	X							(P: 01)
2	WG7596-19B-VIL-SOLE-11 +14	TI				1	X	X	X	X							(P: 01)
3	WG7597-19B-VIL-SOLE-12	TI				1	X	X	X	X							(P: 01)
4	WG7598-19B-VIL-SOLE-13	TI				1	X	X	X	X							(P: 01)
5	WG7600-19B-VIL-SOLE-15 + 16	TI				1	X	X	X	X							(P: 01)
6	WG7602-19B-VIL-SOLE-17	TI				1	X	X	X	X							(P: 01)
7	WG7603-19B-VIL-SOLE-18 + 19	TI				1	X	X	X	X							(P: 01)
8	WG7605-19B-VIL-SOLE-20	TI				1	X	X	X	X							(P: 01)
9	WG7608-19B-VIL-SOLE-23	TI				1	X	X	X	X							(P: 01)
10	WG7612-19B-VIL-SOLE-27	TI				1	X	X	X	X							(P: 01)

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

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COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-22-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792)

Incl. on Report? Yes / No

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)						ADDITIONAL SAMPLE INFORMATION
1	WG7616-19B-ARM-SOLE-01	TI				1	X	X	X	X						(P: 01)
2	WG7617-19B-ARM-SOLE-02 +7	TI				1	X	X	X	X						(P: 01)
3	WG7618-19B-ARM-SOLE-03 +15	TI				1	X	X	X	X						(P: 01)
4	WG7620-19B-ARM-SOLE-05 +10	TI				1	X	X	X	X						(P: 01)
5	WG7621-19B-ARM-SOLE-06 +14	TI				1	X	X	X	X						(P: 01)
6	WG7623-19B-ARM-SOLE-08 + 09	TI				1	X	X	X	X						(P: 01)
7	WG7626-19B-ARM-SOLE-11+16	TI				1	X	X	X	X						(P: 01)
8	WG7627-19B-ARM-SOLE-12+21	TI				1	X	X	X	X						(P: 01)
9	WG7628-19B-ARM-SOLE-13+23	TI				1	X	X	X	X						(P: 01)
10	WG7632-19B-ARM-SOLE-17+25	TI				1	X	X	X	X						(P: 01)

ANALYSIS REQUESTED

Job Barcode Label

SITE LOCATION:

SITE #:

PROJECT #:

PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Please inform BV Labs immediately if you are not accredited for the requested test(s).
Please return a copy of this form with the report.

REQUIRED EDDs

National Excel (N001)
BEC Excel Export (A043)
Stantec Equis (N047)
Golder (Q001)

TURNAROUND TIME

☐ Rush Required

2019/12/12
Date Required

Please inform us if rush charges will be incurred.

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

Sent to: **BV Labs Campobello**
6740 Campobello Road
Mississauga, ON, L5N 2L8
Tel: (905) 817-5700

BV LABS INTERLAB CHAIN OF CUSTODY RECORD

COC # B965964-ONTV-23-01

REPORT INFORMATION	
Company:	Bureau Veritas Laboratories
Address:	4606 Canada Way, Burnaby, British Columbia, V5G 1K5
Contact Name:	Nahed Amer
Email:	Nahed.AMER@bvlabs.com, customerservice@bvlabs.com
Phone:	
BV Labs Project #:	B965964
Client Invoice To:	STANTEC CONSULTING LTD (2792)
Client Report To:	STANTEC CONSULTING LTD (2792) **Incl. on Report? Yes / No**

#	SAMPLE ID	MATRIX	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	SAMPLER INITIALS	# CONT.	Dioxins/Furans in Tissue (1613B)	Percent Lipid Content	PAHs in Tissue (CARB429mod)	PCB Congeners in Tissue (1668A)							ADDITIONAL SAMPLE INFORMATION
1	WG7633-19B-ARM-SOLE-18	TI				1	X	X	X	X							(P: 01)
2	WG7637-19B-ARM-SOLE-22	TI				1	X	X	X	X							(P: 01)
3	WG7639-19B-ARM-SOLE-24	TI				1	X	X	X	X							(P: 01)
4	WG7641-19B-ARM-SOLE-26 +27	TI				1	X	X	X	X							(P: 01)
5	WG7645-19B-ARM-SOLE-30	TI				1	X	X	X	X							(P: 01)
6																	
7																	
8																	
9																	
10																	

Job Barcode Label

ANALYSIS REQUESTED

SITE LOCATION:	**REGULATORY CRITERIA**	**SPECIAL INSTRUCTIONS**	**REQUIRED EDDs**	**TURNAROUND TIME**
SITE #:		Please inform BV Labs immediately if you are not accredited for the requested test(s). **Please return a copy of this form with the report.**	National Excel (N001) BEC Excel Export (A043) Stantec Equis (N047) Golder (Q001)	☐ Rush Required **2019/12/12** Date Required *Please inform us if rush charges will be incurred.*
PROJECT #:				
PO/AFE, TASK ORDER/SERVICE ORDER, LINE ITEM:				

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

COOLER ID:	YES	NO	Temp: (°C)	1	2	3
Custody Seal Present						
Custody Seal Intact						
Cooling Media Present						

RECEIVING LAB USE ONLY

BV Labs Job #

RELINQUISHED BY: (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**RECEIVED BY:** (SIGN & PRINT)	**DATE:** (YYYY/MM/DD)	**TIME:** (HH:MM)	**Samples Labelled By:**	**Labels Verified By:**
1. Nahed Amer NAHED AMER	2019/09/04	12:00	1. <Original signed by>				
2.			2.				

APPENDIX 10. CERTIFIED LABORATORY RESULTS (AUGUST 2020, POST-DREDGE)

Your Project #: 123221515.260.106
Your C.O.C. #: 08486610

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2020/11/30
Report #: R2961227
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C056320
Received: 2020/09/04, 09:00

Sample Matrix: Tissue
Samples Received: 210

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS - Tissue Plug Wet Wt	49	2020/11/04	2020/11/17	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	1	2020/11/04	2020/11/18	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	16	2020/11/06	2020/11/18	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	4	2020/11/06	2020/11/24	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	20	2020/11/07	2020/11/18	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	5	2020/11/07	2020/11/20	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	20	2020/11/09	2020/11/18	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	5	2020/11/09	2020/11/20	BBY WI-00033	Auto Calc
Elements by ICPMS - Tissue Plug Wet Wt	15	2020/11/17	2020/11/20	BBY WI-00033	Auto Calc
Moisture in Tissue - Freeze Drying	40	2020/11/04	2020/11/07	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	40	2020/11/04	2020/11/10	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2020/11/06	2020/11/10	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2020/11/07	2020/11/13	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2020/11/07	2020/11/18	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2020/11/09	2020/11/13	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	20	2020/11/09	2020/11/18	BBY7SOP-00021	BCMOE BCLM Aug 2014
Moisture in Tissue - Freeze Drying	30	2020/11/12	2020/11/18	BBY7SOP-00021	BCMOE BCLM Aug 2014

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

BV Labs - Partial/Rush Results

Your Project #: 123221515.260.106
Your C.O.C. #: 08486610

Attention: Rick Lee

STANTEC CONSULTING LTD
Metrotower III
Suite 500, 4730 Kingsway
BURNABY, BC
CANADA V5H 4M1

Report Date: 2020/11/30
Report #: R2961227
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C056320
Received: 2020/09/04, 09:00

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Nahed Amer, Customer Solutions Representative
Email: Nahed.AMER@bvlabs.com
Phone# (604) 734 7276
==========
This report has been generated and distributed using a secure automated process.
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

BV Labs - Partial/Rush Results

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8548	YF8549	YF8550	YF8551			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	4.04	2.24	4.01	3.27	0.50	A080700	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	0.0026	<0.0020	0.0020	A080700	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	2.61	1.99	5.08	2.45	0.0050	A080700	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.044	0.035	0.033	0.034	0.010	A080700	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080700	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0019	0.0022	0.0065	0.0017	0.0013	A080700	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.49	1.60	1.34	1.66	0.20	A080700	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0045	0.0026	0.0018	0.0017	0.0013	A080700	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	880	815	398	875	4.0	A080700	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0042	0.0034	0.0054	0.0044	0.0010	A080700	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.054	<0.025	<0.025	<0.025	0.025	A080700	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0261	0.0276	0.0324	0.0262	0.0013	A080700	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	3.70	3.42	4.29	4.25	0.013	A080700	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	8.71	6.62	9.60	8.68	0.25	A080700	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0018	0.0017	0.0023	0.0025	0.0013	A080700	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A080700	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	371	401	359	396	0.40	A080700	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.195	0.134	0.166	0.153	0.010	A080700	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.041	0.037	0.113	0.049	0.013	A080700	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0160	0.0100	0.0080	<0.0080	0.0080	A080700	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.034	<0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2430	2010	2920	2290	2.0	A080700	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3280	2630	3970	3190	2.5	A080700	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.894	0.782	1.09	0.895	0.010	A080700	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.403	0.334	0.413	0.352	0.010	A080700	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080700	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0363	0.0395	0.0609	0.0403	0.0013	A080700	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3830	4810	2540	3750	2.5	A080700	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	15.0	13.7	6.68	13.4	0.013	A080700	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3140	2700	3010	2990	50	A080700	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A080700	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A080700	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8548	YF8549	YF8550	YF8551			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080700	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.37	0.26	0.39	0.31	0.13	A080700	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A080700	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00064	0.00042	0.00051	0.00055	0.00040	A080700	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	33.9	31.7	32.4	35.3	0.20	A080700	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080700	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8552	YF8553	YF8554	YF8555			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	5.05	4.62	3.12	2.74	0.50	A080700	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0022	<0.0020	<0.0020	0.0020	A080700	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	3.21	4.81	3.12	3.44	0.0050	A080700	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.041	0.036	0.026	0.032	0.010	A080700	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080700	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0017	0.0043	0.0023	0.0021	0.0013	A080700	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.50	1.48	1.70	1.81	0.20	A080700	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0055	0.0027	<0.0013	0.0016	0.0013	A080700	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	746	585	367	779	4.0	A080700	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0044	0.0047	0.0053	0.0052	0.0010	A080700	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.041	0.109	<0.025	<0.025	0.025	A080700	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0198	0.0338	0.0208	0.0311	0.0013	A080700	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	3.29	3.87	2.93	4.65	0.013	A080700	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	10.2	12.8	8.19	29.4	0.25	A080700	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0026	0.0030	0.0022	0.0017	0.0013	A080700	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A080700	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	384	398	391	401	0.40	A080700	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.198	0.213	0.147	0.459	0.010	A080700	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.042	0.098	0.073	0.062	0.013	A080700	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0137	0.0214	<0.0080	0.0098	0.0080	A080700	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.029	0.061	<0.010	0.011	0.010	A080700	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2020	2610	2930	2460	2.0	A080700	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2940	3380	3960	3300	2.5	A080700	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.805	0.951	0.981	0.912	0.010	A080700	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.325	0.399	0.476	0.449	0.010	A080700	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080700	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0231	0.0365	0.0204	0.0413	0.0013	A080700	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4390	3260	2690	3650	2.5	A080700	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	12.4	9.25	5.94	11.9	0.013	A080700	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2590	3140	3250	3150	50	A080700	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A080700	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A080700	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8552	YF8553	YF8554	YF8555			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-05	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080700	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.37	0.41	0.37	0.33	0.13	A080700	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A080700	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00085	0.00068	0.00041	0.00045	0.00040	A080700	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	28.6	36.0	35.3	36.1	0.20	A080700	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080700	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8556	YF8557	YF8558	YF8559			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.70	4.70	2.44	1.90	0.50	A080700	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0028	<0.0020	0.0022	0.0020	A080700	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	3.22	6.90	2.88	3.76	0.0050	A080700	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.026	0.038	0.030	0.023	0.010	A080700	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080700	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0020	0.0037	0.0016	0.0033	0.0013	A080700	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.59	1.45	1.50	1.75	0.20	A080700	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0016	0.0030	0.0047	0.0018	0.0013	A080700	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	790	555	449	392	4.0	A080700	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0049	0.0047	0.0056	0.0056	0.0010	A080700	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.030	0.050	0.094	0.025	A080700	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0222	0.0253	0.0177	0.0253	0.0013	A080700	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	3.16	4.46	2.96	4.96	0.013	A080700	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	5.38	21.2	7.14	7.22	0.25	A080700	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0027	0.0022	0.0024	0.0013	A080700	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A080700	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	394	363	373	376	0.40	A080700	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.133	0.320	0.158	0.137	0.010	A080700	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.068	0.113	0.062	0.086	0.013	A080700	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0091	0.0200	0.0172	0.0080	A080700	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.019	0.034	0.053	0.010	A080700	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2630	2760	3110	2910	2.0	A080700	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3480	3790	4120	3850	2.5	A080700	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.974	1.07	1.03	0.924	0.010	A080700	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.391	0.368	0.417	0.396	0.010	A080700	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080700	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0285	0.0366	0.0203	0.0315	0.0013	A080700	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3620	2850	2540	2690	2.5	A080700	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	12.6	8.01	6.40	5.68	0.013	A080700	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3190	3230	3370	3480	50	A080700	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A080700	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A080700	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8556	YF8557	YF8558	YF8559			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-09	20LNG-CRAB-10	20LNG-CRAB-11	20LNG-CRAB-12	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080700	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.29	0.41	0.36	0.32	0.13	A080700	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A080700	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00077	0.00057	<0.00040	0.00040	A080700	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	37.4	36.8	35.9	34.3	0.20	A080700	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080700	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8560	YF8561	YF8562	YF8563			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	20LNG-HEP-16	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.35	2.23	0.98	1.56	0.50	A080700	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0030	0.0035	0.0070	0.0020	A080700	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	2.02	10.5	4.39	4.55	0.0050	A080700	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.030	0.023	0.022	0.201	0.010	A080700	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080700	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	0.0035	0.0018	0.0031	0.0013	A080700	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.44	1.26	1.30	1.47	0.20	A080700	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0030	0.0018	0.0017	0.358	0.0013	A080700	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	733	539	774	838	4.0	A080700	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0039	0.0045	0.0045	0.0108	0.0010	A080700	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.121	0.471	0.073	0.051	0.025	A080700	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0207	0.0264	0.0201	0.193	0.0013	A080700	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	2.48	3.72	3.41	8.00	0.013	A080700	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	6.28	10.5	4.25	64.4	0.25	A080700	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0021	0.0033	0.0024	0.0105	0.0013	A080700	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A080700	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	353	347	352	455	0.40	A080700	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.122	0.169	0.107	1.69	0.010	A080700	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.048	0.073	0.035	0.067	0.013	A080700	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0223	0.0677	0.0160	0.309	0.0080	A080700	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.070	0.277	0.048	0.198	0.010	A080700	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	1840	2290	2330	2330	2.0	A080700	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2700	3190	3350	3150	2.5	A080700	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.774	0.856	0.872	1.86	0.010	A080700	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.347	0.372	0.287	2.17	0.010	A080700	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080700	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0246	0.0366	0.0328	0.0768	0.0013	A080700	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4430	3330	3530	3940	2.5	A080700	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	11.6	8.21	11.9	25.8	0.013	A080700	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2580	2850	2840	3110	50	A080700	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	0.0057	<0.0040	0.0040	A080700	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00113	0.00040	A080700	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8560	YF8561	YF8562	YF8563			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	20LNG-HEP-16	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080700	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080700	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.25	0.25	0.26	0.27	0.13	A080700	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A080700	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00047	<0.00040	0.00040	0.0357	0.00040	A080700	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.152	0.020	A080700	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	32.7	29.7	33.8	13.0	0.20	A080700	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080700	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8564	YF8565	YF8566	YF8567			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.83	2.00	0.88	5.68	0.50	A080700	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0068	0.0098	0.0078	0.0056	0.0020	A080700	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	5.09	4.55	3.43	6.45	0.0050	A080700	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.074	0.141	0.111	0.219	0.010	A080700	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080700	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0036	0.0050	0.0030	0.0061	0.0013	A080700	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.49	1.38	1.05	3.13	0.20	A080700	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.627	0.443	0.616	0.256	0.0013	A080700	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	785	569	466	4360	4.0	A080700	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0132	0.0087	0.0109	0.0087	0.0010	A080700	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.027	0.043	0.202	0.037	0.025	A080700	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.137	0.359	0.199	0.185	0.0013	A080700	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	4.04	78.6	14.8	3.79	0.013	A080700	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	67.8	118	73.0	80.8	0.25	A080700	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	0.010	<0.010	<0.010	0.010	A080700	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0080	0.0106	0.0063	0.0030	0.0013	A080700	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.14	0.15	<0.10	0.10	A080700	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	394	497	358	471	0.40	A080700	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.23	1.07	1.25	1.26	0.010	A080700	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.114	0.040	0.056	0.037	0.013	A080700	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.327	0.370	0.324	0.264	0.0080	A080700	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.149	0.313	0.232	0.267	0.010	A080700	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2610	1450	2090	5200	2.0	A080700	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2200	1390	2310	2470	2.5	A080700	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.59	1.16	1.55	1.24	0.010	A080700	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.17	2.04	1.90	1.47	0.010	A080700	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080700	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0408	0.382	0.104	0.0254	0.0013	A080700	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3410	6170	4960	2960	2.5	A080700	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	19.0	15.8	13.0	70.7	0.013	A080700	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3510	3190	2270	2410	50	A080700	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	0.0064	0.0040	A080700	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00136	0.00056	0.00118	0.00095	0.00040	A080700	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8564	YF8565	YF8566	YF8567			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080700	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.027	<0.020	<0.020	0.020	A080700	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.28	0.29	0.22	0.73	0.13	A080700	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	0.0100	0.0062	0.0204	0.0050	A080700	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0251	0.0626	0.0350	0.0394	0.00040	A080700	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.103	0.234	0.120	0.107	0.020	A080700	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	13.4	12.6	12.9	17.2	0.20	A080700	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080700	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8568	YF8569	YF8570	YF8571			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-21	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.00	3.53	0.84	1.75	0.50	A080703	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0090	0.0121	0.0052	0.0071	0.0020	A080703	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	4.24	7.11	4.63	5.66	0.0050	A080703	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.207	0.172	0.127	0.185	0.010	A080703	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080703	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0027	0.0076	0.0041	0.0022	0.0013	A080703	0.0015
Total (Wet Wt) Boron (B)	mg/kg	0.85	1.10	1.53	3.30	0.20	A080703	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.435	0.245	0.288	1.62	0.0013	A080703	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	523	491	754	814	4.0	A080703	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0122	0.0085	0.0091	0.0089	0.0010	A080703	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.025	0.067	0.025	0.039	0.025	A080703	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.116	0.259	0.219	0.181	0.0013	A080703	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	5.59	5.54	23.5	71.4	0.013	A080703	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	46.9	81.0	31.6	44.5	0.25	A080703	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	0.014	0.014	<0.010	<0.010	0.010	A080703	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0058	0.0113	0.0106	0.0071	0.0013	A080703	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	0.14	0.12	0.12	0.10	A080703	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	1000	449	366	400	0.40	A080703	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.36	1.47	1.39	1.28	0.010	A080703	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.039	0.053	0.107	0.081	0.013	A080703	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.216	0.362	0.238	0.267	0.0080	A080703	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.183	0.566	0.184	0.161	0.010	A080703	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	5140	2290	2380	1910	2.0	A080703	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4820	2640	2300	1610	2.5	A080703	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	3.28	1.82	1.42	1.23	0.010	A080703	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.43	2.40	1.49	1.40	0.010	A080703	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080703	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0363	0.0364	0.152	0.605	0.0013	A080703	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4530	4130	4500	5680	2.5	A080703	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	35.7	18.3	19.4	25.2	0.013	A080703	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2590	3450	3080	2850	50	A080703	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	0.0077	<0.0040	<0.0040	0.0040	A080703	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00159	0.00048	0.00049	<0.00040	0.00040	A080703	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8568	YF8569	YF8570	YF8571			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-21	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	0.0027	<0.0025	<0.0025	0.0025	A080703	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A080703	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.52	0.58	0.24	0.21	0.13	A080703	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0065	0.0199	<0.0050	<0.0050	0.0050	A080703	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0391	0.114	0.0257	0.0516	0.00040	A080703	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.114	0.314	0.092	0.108	0.020	A080703	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	10.7	13.3	14.0	14.9	0.20	A080703	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080703	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8572	YF8573	YF8574	YF8575			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-25	20LNG-HEP-26	20LNG-HEP-27	20LNG-HEP-28	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.01	1.73	1.99	1.82	0.50	A080703	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0083	0.0074	0.0056	0.0104	0.0020	A080703	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	7.98	5.95	4.61	5.42	0.0050	A080703	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.097	0.200	0.096	0.139	0.010	A080703	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A080703	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0043	0.0036	0.0033	0.0063	0.0013	A080703	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.24	3.22	1.18	1.09	0.20	A080703	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	1.40	0.349	0.619	0.177	0.0013	A080703	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	335	653	329	281	4.0	A080703	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0120	0.0127	0.0096	0.0112	0.0010	A080703	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.055	0.029	0.065	0.047	0.025	A080703	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.246	0.172	0.171	0.392	0.0013	A080703	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	14.8	6.82	4.80	55.3	0.013	A080703	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	85.3	64.4	42.4	138	0.25	A080703	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	0.012	<0.010	<0.010	<0.010	0.010	A080703	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0057	0.0071	0.0045	0.0177	0.0013	A080703	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	0.17	0.10	A080703	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	378	345	533	445	0.40	A080703	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.43	1.91	1.06	1.20	0.010	A080703	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.083	0.085	0.072	0.029	0.013	A080703	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.276	0.240	0.272	0.422	0.0080	A080703	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.285	0.147	0.229	0.331	0.010	A080703	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2310	2780	1970	1910	2.0	A080703	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2400	2360	1850	1910	2.5	A080703	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.89	1.72	1.10	1.75	0.010	A080703	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.06	1.64	1.44	2.05	0.010	A080703	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A080703	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.185	0.0607	0.0499	0.276	0.0013	A080703	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3480	3580	4600	4750	2.5	A080703	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	9.42	20.8	9.26	8.32	0.013	A080703	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	4510	3440	3670	3580	50	A080703	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A080703	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00101	0.00072	0.00055	0.00067	0.00040	A080703	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8572	YF8573	YF8574	YF8575			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-25	20LNG-HEP-26	20LNG-HEP-27	20LNG-HEP-28	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A080703	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.027	0.020	A080703	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.25	0.29	0.27	0.33	0.13	A080703	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0068	<0.0050	0.0054	0.0193	0.0050	A080703	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0352	0.0439	0.0325	0.0460	0.00040	A080703	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.135	0.128	0.108	0.242	0.020	A080703	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	17.0	13.0	14.1	14.8	0.20	A080703	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A080703	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8576	YF8577		YF8608	YF8609			
Sampling Date									
COC Number		08486610	08486610		08486610	08486610			
	UNITS	20LNG-HEP-29	20LNG-HEP-30	QC Batch	20LNG-SOLE-01	20LNG-SOLE-02	RDL	QC Batch	MDL
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	1.52	1.50	A080703	<0.50	<0.50	0.50	A082972	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0077	0.0072	A080703	<0.0020	<0.0020	0.0020	A082972	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	5.57	4.26	A080703	5.42	2.02	0.0050	A082972	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.187	0.118	A080703	0.018	<0.010	0.010	A082972	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	A080703	<0.0020	<0.0020	0.0020	A082972	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0046	0.0057	A080703	0.0021	<0.0013	0.0013	A082972	0.0015
Total (Wet Wt) Boron (B)	mg/kg	3.06	1.72	A080703	<0.20	<0.20	0.20	A082972	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.306	0.844	A080703	0.0014	<0.0013	0.0013	A082972	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	1090	529	A080703	144	111	4.0	A082972	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0127	0.0091	A080703	0.0185	0.0144	0.0010	A082972	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.103	0.041	A080703	<0.025	<0.025	0.025	A082972	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.360	0.371	A080703	0.0023	0.0021	0.0013	A082972	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	8.59	32.9	A080703	0.085	0.090	0.013	A082972	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	58.4	99.6	A080703	1.62	1.05	0.25	A082972	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	A080703	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0080	0.0122	A080703	0.0032	0.0015	0.0013	A082972	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	A080703	<0.10	<0.10	0.10	A082972	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	361	370	A080703	235	282	0.40	A082972	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.50	1.22	A080703	0.093	0.084	0.010	A082972	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.115	0.051	A080703	0.107	0.054	0.013	A082972	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.411	0.391	A080703	<0.0080	<0.0080	0.0080	A082972	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.436	0.281	A080703	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2590	1960	A080703	2090	2260	2.0	A082972	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2060	1970	A080703	4200	4150	2.5	A082972	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.50	1.24	A080703	0.643	0.642	0.010	A082972	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	1.88	2.54	A080703	0.540	0.349	0.010	A082972	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	A080703	<50	<50	50	A082972	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0717	0.271	A080703	<0.0013	<0.0013	0.0013	A082972	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3840	4570	A080703	471	417	2.5	A082972	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	39.6	14.0	A080703	0.702	0.388	0.013	A082972	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3160	3070	A080703	2150	2420	50	A082972	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	A080703	<0.0040	<0.0040	0.0040	A082972	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00149	0.00047	A080703	<0.00040	<0.00040	0.00040	A082972	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8576	YF8577		YF8608	YF8609			
Sampling Date									
COC Number		08486610	08486610		08486610	08486610			
	UNITS	20LNG-HEP-29	20LNG-HEP-30	QC Batch	20LNG-SOLE-01	20LNG-SOLE-02	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	A080703	<0.0025	<0.0025	0.0025	A082972	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	A080703	<0.020	<0.020	0.020	A082972	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.35	0.30	A080703	0.19	0.21	0.13	A082972	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0103	0.0124	A080703	<0.0050	<0.0050	0.0050	A082972	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0503	0.0503	A080703	<0.00040	<0.00040	0.00040	A082972	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.227	0.208	A080703	<0.020	<0.020	0.020	A082972	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	19.9	13.3	A080703	3.38	3.69	0.20	A082972	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	A080703	<0.040	<0.040	0.040	A082972	0.018

RDL = Reportable Detection Limit

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8610	YF8611	YF8612	YF8616			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.59	<0.50	0.50	<0.50	0.50	A082972	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.39	3.58	2.22	3.42	0.0050	A082972	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.024	<0.010	<0.010	0.011	0.010	A082972	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	<0.0013	0.0015	0.0015	0.0019	0.0013	A082972	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A082972	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0033	<0.0013	0.0026	<0.0013	0.0013	A082972	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	153	147	153	221	4.0	A082972	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0148	0.0162	0.0160	0.0177	0.0010	A082972	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.026	<0.025	<0.025	<0.025	0.025	A082972	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0034	0.0021	0.0031	0.0026	0.0013	A082972	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.103	0.096	0.100	0.116	0.013	A082972	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	5.16	0.91	1.70	1.02	0.25	A082972	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0021	0.0014	0.0013	<0.0013	0.0013	A082972	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A082972	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	276	257	217	252	0.40	A082972	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.141	0.095	0.077	0.094	0.010	A082972	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.059	0.107	0.094	0.120	0.013	A082972	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A082972	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.022	0.012	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2080	2050	2150	2310	2.0	A082972	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3860	3850	4280	4480	2.5	A082972	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.649	0.592	0.622	0.621	0.010	A082972	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.321	0.369	0.389	0.342	0.010	A082972	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082972	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A082972	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	495	562	453	507	2.5	A082972	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.725	0.570	0.651	1.08	0.013	A082972	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2230	2100	2340	2490	50	A082972	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082972	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8610	YF8611	YF8612	YF8616			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082972	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.30	0.18	0.20	0.19	0.13	A082972	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082972	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.22	3.41	3.74	3.84	0.20	A082972	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082972	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8617	YF8618	YF8619	YF8620			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	2.93	0.50	A082972	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.65	2.08	2.55	1.83	0.0050	A082972	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.012	0.012	<0.010	0.020	0.010	A082972	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0018	0.0015	0.0019	0.0019	0.0013	A082972	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A082972	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0019	0.0071	0.0029	0.0016	0.0013	A082972	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	124	235	153	118	4.0	A082972	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0150	0.0156	0.0163	0.0153	0.0010	A082972	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A082972	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0024	0.0023	0.0042	0.0031	0.0013	A082972	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.104	0.096	0.108	0.110	0.013	A082972	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.07	1.11	1.03	5.20	0.25	A082972	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0031	<0.0013	0.0027	0.0013	A082972	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A082972	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	282	238	256	262	0.40	A082972	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.095	0.099	0.100	0.102	0.010	A082972	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.078	0.089	0.129	0.087	0.013	A082972	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A082972	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	0.014	0.010	A082972	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2200	2130	2220	2050	2.0	A082972	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4170	3980	3980	3950	2.5	A082972	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.684	0.617	0.591	0.644	0.010	A082972	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.318	0.404	0.402	0.521	0.010	A082972	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082972	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A082972	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	497	544	571	693	2.5	A082972	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.427	1.03	0.798	0.439	0.013	A082972	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2320	2220	2210	2040	50	A082972	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082972	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8617	YF8618	YF8619	YF8620			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082972	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	0.20	0.18	0.35	0.13	A082972	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082972	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.64	3.88	3.75	3.40	0.20	A082972	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082972	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8621	YF8622	YF8623	YF8624			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	1.01	<0.50	<0.50	0.50	A082972	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.40	2.04	1.88	0.974	0.0050	A082972	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.020	0.028	0.017	0.014	0.010	A082972	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0014	0.0015	<0.0013	0.0022	0.0013	A082972	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A082972	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0013	<0.0013	<0.0013	0.0013	A082972	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	403	300	194	232	4.0	A082972	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0130	0.0144	0.0153	0.0162	0.0010	A082972	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.028	0.025	A082972	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0028	0.0036	0.0022	0.0014	0.0013	A082972	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.157	0.123	0.096	0.110	0.013	A082972	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.37	3.33	1.08	1.16	0.25	A082972	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0021	0.0026	0.0014	<0.0013	0.0013	A082972	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A082972	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	262	264	257	279	0.40	A082972	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.117	0.099	0.088	0.144	0.010	A082972	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.060	0.100	0.054	0.034	0.013	A082972	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A082972	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.011	<0.010	<0.010	0.019	0.010	A082972	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2070	2240	2180	1930	2.0	A082972	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3750	3970	4180	3820	2.5	A082972	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.577	0.620	0.708	0.659	0.010	A082972	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.235	0.432	0.326	0.203	0.010	A082972	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082972	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A082972	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	586	694	575	498	2.5	A082972	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	2.74	1.51	0.757	0.952	0.013	A082972	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2220	2180	2490	2370	50	A082972	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082972	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8621	YF8622	YF8623	YF8624			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082972	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	0.23	0.19	0.17	0.13	A082972	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082972	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00041	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.75	3.70	3.36	3.08	0.20	A082972	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082972	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8625	YF9806	YF9807	YF9808			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-15	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.63	1.74	1.14	2.26	0.50	A082972	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0028	0.0020	A082972	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	3.12	3.71	2.99	6.14	0.0050	A082972	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.029	0.026	0.021	0.042	0.010	A082972	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082972	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0015	0.0015	0.0025	0.0038	0.0013	A082972	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	1.54	1.48	1.59	0.20	A082972	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0019	0.0033	0.0039	0.0039	0.0013	A082972	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	693	734	761	352	4.0	A082972	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0184	0.0040	0.0042	0.0044	0.0010	A082972	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.029	0.075	0.039	0.025	A082972	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0041	0.0264	0.0196	0.0146	0.0013	A082972	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.105	4.24	2.89	2.78	0.013	A082972	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	2.03	5.67	4.49	6.36	0.25	A082972	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082972	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0016	0.0045	0.0018	0.0038	0.0013	A082972	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A082972	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	289	352	386	392	0.40	A082972	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.147	0.133	0.131	0.126	0.010	A082972	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.103	0.038	0.039	0.181	0.013	A082972	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0118	0.0170	0.0126	0.0080	A082972	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.028	0.053	0.030	0.010	A082972	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2520	2310	2510	2540	2.0	A082972	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4210	3250	3500	3540	2.5	A082972	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.623	0.863	0.868	0.989	0.010	A082972	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.384	0.324	0.369	0.390	0.010	A082972	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082972	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	0.0401	0.0310	0.0265	0.0013	A082972	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	583	3630	3640	3200	2.5	A082972	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	4.28	10.6	11.4	5.64	0.013	A082972	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2250	2970	3230	3690	50	A082972	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082972	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF8625	YF9806	YF9807	YF9808			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-15	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082972	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.24	0.28	0.25	0.27	0.13	A082972	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082972	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00120	<0.00040	<0.00040	<0.00040	0.00040	A082972	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082972	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	4.14	35.6	36.0	34.4	0.20	A082972	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082972	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9809	YF9810		YF9811	YF9812			
Sampling Date									
COC Number		08486610	08486610		08486610	08486610			
	UNITS	20VIL-CRAB-04	20VIL-CRAB-05	QC Batch	20VIL-CRAB-06	20VIL-CRAB-07	RDL	QC Batch	MDL
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	4.69	2.39	A082972	2.87	0.83	0.50	A082978	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0029	0.0021	A082972	<0.0020	<0.0020	0.0020	A082978	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	7.95	3.55	A082972	4.95	1.06	0.0050	A082978	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.053	0.023	A082972	0.028	0.012	0.010	A082978	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	A082972	<0.0020	<0.0020	0.0020	A082978	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0051	0.0024	A082972	0.0019	<0.0013	0.0013	A082978	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.15	1.38	A082972	2.00	0.76	0.20	A082978	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0051	0.0027	A082972	0.0031	<0.0013	0.0013	A082978	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	404	455	A082972	620	322	4.0	A082978	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0053	0.0044	A082972	0.0035	0.0018	0.0010	A082978	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.114	A082972	0.077	0.066	0.025	A082978	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0414	0.0232	A082972	0.0224	0.0110	0.0013	A082978	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	4.50	3.68	A082972	3.80	2.44	0.013	A082978	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	12.4	7.11	A082972	7.13	2.67	0.25	A082978	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	A082972	<0.010	<0.010	0.010	A082978	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0037	0.0019	A082972	0.0034	0.0016	0.0013	A082978	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	A082972	<0.10	<0.10	0.10	A082978	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	344	389	A082972	404	183	0.40	A082978	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.186	0.173	A082972	0.132	0.056	0.010	A082978	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.186	0.044	A082972	0.121	0.046	0.013	A082978	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0123	0.0199	A082972	0.0163	0.0113	0.0080	A082978	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.016	0.066	A082972	0.053	0.039	0.010	A082978	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2760	2770	A082972	2630	1060	2.0	A082978	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3880	3780	A082972	3390	1430	2.5	A082978	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.06	1.03	A082972	0.924	0.428	0.010	A082978	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.422	0.485	A082972	0.332	0.140	0.010	A082978	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	A082972	<50	<50	50	A082978	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0440	0.0317	A082972	0.0268	0.0151	0.0013	A082978	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	2370	3020	A082972	3750	1920	2.5	A082978	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	6.18	7.05	A082972	9.09	4.67	0.013	A082978	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3770	3260	A082972	3250	1370	50	A082978	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	A082972	<0.0040	<0.0040	0.0040	A082978	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	A082972	<0.00040	<0.00040	0.00040	A082978	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9809	YF9810		YF9811	YF9812			
Sampling Date									
COC Number		08486610	08486610		08486610	08486610			
	UNITS	20VIL-CRAB-04	20VIL-CRAB-05	QC Batch	20VIL-CRAB-06	20VIL-CRAB-07	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	A082972	<0.0025	<0.0025	0.0025	A082978	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	A082972	<0.020	<0.020	0.020	A082978	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.42	0.35	A082972	0.29	<0.13	0.13	A082978	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	A082972	<0.0050	<0.0050	0.0050	A082978	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00069	0.00069	A082972	<0.00040	<0.00040	0.00040	A082978	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	A082972	<0.020	<0.020	0.020	A082978	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	36.3	33.3	A082972	37.9	17.2	0.20	A082978	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	A082972	<0.040	<0.040	0.040	A082978	0.018
RDL = Reportable Detection Limit									

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9813	YF9814	YF9815	YF9816			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.74	3.61	3.09	8.04	0.50	A082978	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	4.82	6.08	3.74	4.03	0.0050	A082978	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.027	0.129	0.031	0.059	0.010	A082978	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0020	0.0039	0.0026	0.0028	0.0013	A082978	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.88	1.98	1.48	3.22	0.20	A082978	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0029	0.0044	0.0015	0.0101	0.0013	A082978	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	608	1380	377	1130	4.0	A082978	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0034	0.0037	0.0052	0.0040	0.0010	A082978	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.077	0.176	0.101	0.878	0.025	A082978	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0231	0.0251	0.0229	0.0232	0.0013	A082978	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	3.76	4.60	3.80	0.597	0.013	A082978	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	6.84	9.40	8.44	19.3	0.25	A082978	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082978	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0032	0.0024	0.0030	0.0024	0.0013	A082978	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	0.10	0.10	A082978	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	393	440	378	527	0.40	A082978	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.132	0.233	0.173	0.335	0.010	A082978	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.117	0.113	0.061	<0.013	0.013	A082978	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0149	0.0274	0.0183	0.118	0.0080	A082978	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.054	0.093	0.062	0.504	0.010	A082978	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2590	2760	3160	1410	2.0	A082978	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3370	3130	4290	2490	2.5	A082978	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.902	0.870	1.18	0.668	0.010	A082978	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.321	0.358	0.472	0.295	0.010	A082978	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082978	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0257	0.0417	0.0232	0.0036	0.0013	A082978	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3670	3940	2190	6210	2.5	A082978	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	8.87	24.3	5.72	18.5	0.013	A082978	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3230	3160	3190	2780	50	A082978	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082978	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082978	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9813	YF9814	YF9815	YF9816			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082978	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082978	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.28	0.36	0.37	0.55	0.13	A082978	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082978	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00084	<0.00040	0.00234	0.00040	A082978	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.025	0.020	A082978	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	37.4	37.6	35.4	31.9	0.20	A082978	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082978	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9817	YF9818	YF9819	YF9820			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	2.99	2.47	2.04	2.69	0.50	A082978	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	5.19	2.35	3.00	3.19	0.0050	A082978	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.026	0.031	0.037	0.030	0.010	A082978	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0030	0.0014	0.0022	0.0023	0.0013	A082978	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.86	2.06	1.76	1.27	0.20	A082978	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0022	0.0017	0.0020	0.0029	0.0013	A082978	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	407	622	956	485	4.0	A082978	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0051	0.0037	0.0050	0.0043	0.0010	A082978	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.071	0.050	0.029	0.134	0.025	A082978	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0283	0.0170	0.0199	0.0200	0.0013	A082978	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	4.41	3.27	3.98	2.88	0.013	A082978	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	7.54	6.34	5.84	7.44	0.25	A082978	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A082978	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0032	0.0018	0.0023	0.0013	A082978	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A082978	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	442	345	415	387	0.40	A082978	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.177	0.140	0.168	0.150	0.010	A082978	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.092	0.065	0.057	0.060	0.013	A082978	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0159	0.0127	0.0135	0.0218	0.0080	A082978	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.042	0.029	0.020	0.082	0.010	A082978	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	3150	2270	3070	2220	2.0	A082978	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4270	3070	3790	3100	2.5	A082978	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.17	0.835	1.05	0.851	0.010	A082978	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.404	0.254	0.366	0.335	0.010	A082978	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A082978	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0391	0.0286	0.0346	0.0250	0.0013	A082978	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3040	4290	3380	3970	2.5	A082978	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	6.73	10.6	15.1	7.72	0.013	A082978	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3370	3180	3170	3120	50	A082978	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A082978	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082978	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9817	YF9818	YF9819	YF9820			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082978	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082978	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.42	0.25	0.33	0.29	0.13	A082978	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A082978	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A082978	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A082978	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	37.2	34.1	36.0	36.3	0.20	A082978	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A082978	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9821	YF9822	YF9823	YF9824	YF9825			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-16	20VIL-HEP-17	20VIL-HEP-18	20VIL-HEP-19	20VIL-HEP-20	RDL	QC Batch	MDL
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	0.80	0.52	<0.50	0.85	0.52	0.50	A082978	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0113	<0.0020	<0.0020	0.0135	0.0115	0.0020	A082978	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	6.26	1.01	0.731	7.00	4.36	0.0050	A082978	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.293	<0.010	0.012	0.257	0.511	0.010	A082978	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0045	<0.0013	<0.0013	0.0043	0.0031	0.0013	A082978	0.0015
Total (Wet Wt) Boron (B)	mg/kg	6.15	<0.20	<0.20	3.94	14.8	0.20	A082978	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.451	<0.0013	<0.0013	1.78	0.250	0.0013	A082978	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	4010	80.6	141	1950	31700	4.0	A082978	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0101	0.0074	0.0067	0.0122	0.0153	0.0010	A082978	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.253	<0.025	<0.025	0.043	0.136	0.025	A082978	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.162	0.0018	0.0013	0.301	0.0947	0.0013	A082978	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	7.67	0.066	0.052	90.4	8.15	0.013	A082978	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	36.1	1.45	0.93	70.1	31.5	0.25	A082978	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	A082978	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0039	<0.0013	<0.0013	0.0112	0.0032	0.0013	A082978	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	A082978	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	563	129	124	564	3330	0.40	A082978	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	2.04	0.043	0.057	1.73	4.96	0.010	A082978	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.073	0.029	<0.013	0.083	0.095	0.013	A082978	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.367	<0.0080	<0.0080	0.466	0.348	0.0080	A082978	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.309	0.010	<0.010	0.294	0.127	0.010	A082978	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	4910	1030	881	3540	22000	2.0	A082978	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3280	2060	1710	3330	4230	2.5	A082978	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.75	0.314	0.301	2.43	2.27	0.010	A082978	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.07	0.203	0.138	2.13	1.12	0.010	A082978	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	69	50	A082978	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0868	<0.0013	<0.0013	0.812	0.0914	0.0013	A082978	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3740	361	234	3150	3460	2.5	A082978	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	111	0.309	0.677	65.0	426	0.013	A082978	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3430	1030	937	3910	5520	50	A082978	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0044	<0.0040	<0.0040	<0.0040	0.0115	0.0040	A082978	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00106	<0.00040	<0.00040	0.00138	0.00384	0.00040	A082978	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9821	YF9822	YF9823	YF9824	YF9825			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-16	20VIL-HEP-17	20VIL-HEP-18	20VIL-HEP-19	20VIL-HEP-20	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082978	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	A082978	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.45	<0.13	<0.13	0.35	1.82	0.13	A082978	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0080	<0.0050	<0.0050	0.0066	<0.0050	0.0050	A082978	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0393	<0.00040	<0.00040	0.0475	0.0288	0.00040	A082978	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.111	<0.020	<0.020	0.545	0.060	0.020	A082978	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	13.3	1.91	1.95	21.4	16.6	0.20	A082978	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	A082978	0.018
RDL = Reportable Detection Limit									

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9826	YF9827	YF9828	YF9829	YF9830			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-21	20VIL-HEP-22	20VIL-HEP-23	20VIL-HEP-24	20VIL-HEP-25	RDL	QC Batch	MDL
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	1.49	1.42	2.52	1.21	0.67	0.50	A082978	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0078	0.0091	0.0114	0.0090	0.0055	0.0020	A082978	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	5.89	6.19	5.06	4.86	4.61	0.0050	A082978	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.184	0.219	0.160	0.123	0.120	0.010	A082978	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A082978	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0062	0.0032	0.0039	0.0034	0.0038	0.0013	A082978	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.99	2.41	1.62	2.57	1.38	0.20	A082978	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.624	0.761	0.882	0.926	0.135	0.0013	A082978	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	656	1310	519	449	618	4.0	A082978	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0141	0.0090	0.0119	0.0135	0.0113	0.0010	A082978	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.217	0.221	0.072	0.047	0.216	0.025	A082978	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.279	0.238	0.257	0.276	0.133	0.0013	A082978	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	15.3	12.6	10.5	14.7	5.45	0.013	A082978	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	51.2	133	107	106	54.9	0.25	A082978	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	A082978	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0076	0.0022	0.0040	0.0047	0.0037	0.0013	A082978	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.12	0.11	0.14	<0.10	<0.10	0.10	A082978	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	631	332	543	533	443	0.40	A082978	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.38	1.52	1.72	1.51	1.52	0.010	A082978	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.106	0.068	0.112	0.085	0.101	0.013	A082978	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.532	0.418	0.455	0.363	0.231	0.0080	A082978	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.387	0.447	0.348	0.252	0.235	0.010	A082978	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2290	2620	1900	2330	2570	2.0	A082978	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2850	3140	2560	2870	3110	2.5	A082978	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	2.27	1.70	1.90	1.97	2.07	0.010	A082978	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.14	1.90	1.97	1.79	1.60	0.010	A082978	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	A082978	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.204	0.167	0.120	0.166	0.0405	0.0013	A082978	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4090	3620	5090	3310	3350	2.5	A082978	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	26.9	41.2	17.8	13.8	17.9	0.013	A082978	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	4180	3610	3610	3040	3380	50	A082978	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	0.0053	<0.0040	<0.0040	<0.0040	0.0040	A082978	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00089	0.00115	0.00078	0.00131	0.00070	0.00040	A082978	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9826	YF9827	YF9828	YF9829	YF9830			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-21	20VIL-HEP-22	20VIL-HEP-23	20VIL-HEP-24	20VIL-HEP-25	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A082978	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	A082978	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.28	0.26	0.27	0.25	0.26	0.13	A082978	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0084	0.0096	0.0178	0.0052	<0.0050	0.0050	A082978	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0328	0.0793	0.109	0.0431	0.0309	0.00040	A082978	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.189	0.140	0.188	0.220	0.070	0.020	A082978	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	17.8	14.0	14.9	13.7	12.2	0.20	A082978	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	A082978	0.018
RDL = Reportable Detection Limit									

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9831	YF9832	YF9833	YF9834	YF9835			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-26	20VIL-HEP-27	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-30	RDL	QC Batch	MDL
Total Metals by ICPMS									
Total (Wet Wt) Aluminum (Al)	mg/kg	0.98	0.98	0.93	1.01	1.02	0.50	A081902	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0050	0.0073	0.0071	0.0094	0.0064	0.0020	A081902	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	4.46	4.88	3.40	6.33	2.99	0.0050	A081902	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.032	0.198	0.198	0.101	0.072	0.010	A081902	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081902	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0031	0.0033	0.0021	0.0034	0.0031	0.0013	A081902	0.0015
Total (Wet Wt) Boron (B)	mg/kg	0.69	3.72	6.51	1.57	0.76	0.20	A081902	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.541	0.234	0.265	1.38	0.464	0.0013	A081902	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	174	2140	1950	325	264	4.0	A081902	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0069	0.0074	0.0088	0.0119	0.0080	0.0010	A081902	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.140	0.268	0.107	0.075	0.557	0.025	A081902	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0943	0.171	0.146	0.179	0.199	0.0013	A081902	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	5.87	39.6	6.62	5.68	3.38	0.013	A081902	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	53.8	63.4	40.0	101	88.2	0.25	A081902	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	A081902	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0061	0.0045	0.0046	0.0048	0.0117	0.0013	A081902	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.10	0.13	0.13	0.13	0.11	0.10	A081902	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	239	229	367	407	379	0.40	A081902	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.872	1.11	1.42	1.54	1.13	0.010	A081902	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.048	0.074	0.080	0.067	0.053	0.013	A081902	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.232	0.312	0.270	0.479	0.332	0.0080	A081902	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.163	0.302	0.126	0.311	0.460	0.010	A081902	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	1290	3100	2970	1990	1480	2.0	A081902	1.1
Total (Wet Wt) Potassium (K)	mg/kg	1730	1560	2380	2420	2440	2.5	A081902	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.02	1.14	1.65	1.60	1.64	0.010	A081902	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	1.20	1.41	1.20	2.02	1.71	0.010	A081902	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	<50	50	A081902	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0775	0.614	0.0842	0.0544	0.0275	0.0013	A081902	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3060	4910	4690	4550	3630	2.5	A081902	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	4.02	57.3	55.3	9.63	6.87	0.013	A081902	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2520	3340	3330	3180	3260	50	A081902	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081902	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00138	0.00068	0.00072	0.00113	0.00178	0.00040	A081902	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9831	YF9832	YF9833	YF9834	YF9835			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-26	20VIL-HEP-27	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-30	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081902	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.030	<0.020	0.021	0.023	0.020	A081902	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.17	0.34	0.28	0.23	0.19	0.13	A081902	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	0.0065	0.0105	0.0050	A081902	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0310	0.0378	0.0543	0.0472	0.0295	0.00040	A081902	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.069	0.113	0.081	0.142	0.119	0.020	A081902	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	12.7	16.5	11.0	15.8	14.5	0.20	A081902	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	<0.040	0.040	A081902	0.018
RDL = Reportable Detection Limit									

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9866	YF9867	YF9868	YF9869			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	11.2	<0.50	0.50	A081901	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	3.79	1.22	12.7	9.03	0.0050	A081901	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	0.042	0.013	0.010	A081901	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0033	<0.0013	0.0028	0.0029	0.0013	A081901	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A081901	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0014	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	107	138	98.0	287	4.0	A081901	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0173	0.0106	0.0202	0.0181	0.0010	A081901	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.041	0.028	0.030	<0.025	0.025	A081901	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0033	0.0024	0.0064	0.0020	0.0013	A081901	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.166	0.113	0.120	0.124	0.013	A081901	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.30	1.16	24.5	1.02	0.25	A081901	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0024	0.0017	<0.0013	0.0015	0.0013	A081901	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A081901	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	262	248	225	273	0.40	A081901	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.109	0.084	0.405	0.106	0.010	A081901	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.158	0.042	0.360	0.208	0.013	A081901	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A081901	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.022	0.022	0.017	0.014	0.010	A081901	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2410	2060	2110	2320	2.0	A081901	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4490	4250	4290	4500	2.5	A081901	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.697	0.627	0.573	0.635	0.010	A081901	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.374	0.255	0.335	0.394	0.010	A081901	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A081901	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	502	531	572	471	2.5	A081901	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.399	0.382	0.481	1.56	0.013	A081901	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2390	2330	1960	2160	50	A081901	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081901	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9866	YF9867	YF9868	YF9869			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081901	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	0.020	<0.020	0.020	A081901	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	0.17	0.33	0.19	0.13	A081901	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081901	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	4.49	3.76	3.25	3.75	0.20	A081901	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081901	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9870	YF9871	YF9872	YF9873			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	A081901	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	9.72	1.72	3.22	7.29	0.0050	A081901	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.011	<0.010	0.019	<0.010	0.010	A081901	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0029	0.0020	0.0029	0.0018	0.0013	A081901	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A081901	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	173	98.6	432	167	4.0	A081901	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0176	0.0141	0.0177	0.0169	0.0010	A081901	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A081901	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0014	0.0020	0.0023	0.0016	0.0013	A081901	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.119	0.095	0.125	0.113	0.013	A081901	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	0.94	0.81	1.34	1.20	0.25	A081901	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0017	<0.0013	0.0013	A081901	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A081901	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	276	260	325	250	0.40	A081901	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.103	0.070	0.142	0.137	0.010	A081901	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.272	0.076	0.200	0.218	0.013	A081901	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A081901	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2250	2090	2490	2300	2.0	A081901	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4430	4320	4510	4270	2.5	A081901	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.624	0.633	0.666	0.618	0.010	A081901	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.409	0.310	0.391	0.344	0.010	A081901	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A081901	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	489	433	426	461	2.5	A081901	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.887	0.313	2.83	0.869	0.013	A081901	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2310	2440	2310	2180	50	A081901	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081901	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9870	YF9871	YF9872	YF9873			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081901	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.20	0.17	0.21	0.17	0.13	A081901	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081901	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	0.00058	<0.00040	0.00040	A081901	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.75	3.63	4.14	3.68	0.20	A081901	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081901	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9874	YF9875	YF9876	YF9877			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	A081901	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	2.49	3.58	6.46	8.85	0.0050	A081901	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0021	0.0022	0.0023	0.0037	0.0013	A081901	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A081901	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	0.0014	0.0014	0.0013	A081901	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	111	118	91.6	146	4.0	A081901	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0150	0.0182	0.0179	0.0229	0.0010	A081901	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A081901	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0028	0.0021	0.0019	0.0015	0.0013	A081901	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.109	0.100	0.121	0.148	0.013	A081901	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	0.88	0.81	1.49	1.06	0.25	A081901	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0014	0.0016	<0.0013	<0.0013	0.0013	A081901	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A081901	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	272	269	290	257	0.40	A081901	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.096	0.054	0.073	0.106	0.010	A081901	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.117	0.145	0.211	0.277	0.013	A081901	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A081901	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.015	0.015	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2290	2210	2320	2280	2.0	A081901	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4340	4290	4520	4430	2.5	A081901	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.663	0.620	0.678	0.651	0.010	A081901	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.377	0.397	0.359	0.378	0.010	A081901	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A081901	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	460	553	350	510	2.5	A081901	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.498	0.400	0.397	0.789	0.013	A081901	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2310	2180	2210	2190	50	A081901	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081901	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9874	YF9875	YF9876	YF9877			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-09	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081901	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.17	0.18	0.20	0.19	0.13	A081901	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081901	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.55	3.23	3.64	3.11	0.20	A081901	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081901	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9878	YF9879	YF9880	YF9893			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	20ARM-CRAB-01	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	3.75	0.50	A081901	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	4.06	5.14	1.09	1.36	0.0050	A081901	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	<0.010	<0.010	0.074	0.010	A081901	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0030	0.0024	<0.0013	0.0037	0.0013	A081901	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	1.19	0.20	A081901	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0295	<0.0013	<0.0013	<0.0013	0.0013	A081901	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	93.8	130	89.8	2020	4.0	A081901	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0176	0.0150	0.0125	0.0036	0.0010	A081901	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.028	0.025	A081901	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0018	0.0014	<0.0013	0.0324	0.0013	A081901	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.088	0.125	0.130	3.44	0.013	A081901	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.17	1.00	0.88	8.26	0.25	A081901	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0013	<0.0013	<0.0013	0.0042	0.0013	A081901	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	0.11	0.10	A081901	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	254	220	274	531	0.40	A081901	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.063	0.090	0.144	0.459	0.010	A081901	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.153	0.146	0.024	0.024	0.013	A081901	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0103	0.0080	A081901	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	<0.010	<0.010	0.018	0.010	A081901	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2150	2210	2450	2000	2.0	A081901	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4220	4300	4630	2430	2.5	A081901	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.622	0.642	0.710	0.776	0.010	A081901	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.334	0.347	0.183	0.292	0.010	A081901	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	59	50	A081901	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0416	0.0013	A081901	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	624	475	326	5520	2.5	A081901	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.358	0.552	0.149	33.4	0.013	A081901	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2250	2210	2970	2490	50	A081901	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081901	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9878	YF9879	YF9880	YF9893			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	20ARM-CRAB-01	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081901	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.16	0.18	0.20	0.38	0.13	A081901	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081901	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.26	3.62	3.47	26.5	0.20	A081901	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081901	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9894	YF9895	YF9896	YF9897			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	3.47	3.87	2.22	3.99	0.50	A081901	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0028	0.0023	0.0021	0.0026	0.0020	A081901	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	4.24	4.55	8.64	13.6	0.0050	A081901	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.058	0.052	0.031	0.049	0.010	A081901	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081901	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0038	0.0068	0.0058	0.0094	0.0013	A081901	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.20	1.62	1.53	1.83	0.20	A081901	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0069	0.0015	0.0058	0.0033	0.0013	A081901	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	1030	643	486	572	4.0	A081901	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0042	0.0037	0.0044	0.0045	0.0010	A081901	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A081901	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0366	0.0513	0.0375	0.0400	0.0013	A081901	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	5.45	7.33	5.00	4.98	0.013	A081901	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	9.40	13.4	10.3	19.2	0.25	A081901	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081901	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0021	0.0023	0.0014	0.0025	0.0013	A081901	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A081901	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	392	387	394	377	0.40	A081901	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.187	0.191	0.142	0.239	0.010	A081901	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.030	0.060	0.110	0.136	0.013	A081901	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0094	0.0114	0.0114	<0.0080	0.0080	A081901	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.011	0.014	0.015	0.013	0.010	A081901	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2200	2480	2510	2520	2.0	A081901	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3020	3290	3500	3550	2.5	A081901	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.878	0.866	0.937	0.897	0.010	A081901	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.518	0.385	0.357	0.432	0.010	A081901	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A081901	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0540	0.0801	0.0612	0.0501	0.0013	A081901	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3840	3750	3390	3140	2.5	A081901	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	16.7	10.3	7.94	9.55	0.013	A081901	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2570	3050	3240	3000	50	A081901	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0109	0.0051	<0.0040	<0.0040	0.0040	A081901	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081901	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9894	YF9895	YF9896	YF9897			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081901	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081901	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.41	0.42	0.33	0.41	0.13	A081901	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081901	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00095	0.00043	<0.00040	<0.00040	0.00040	A081901	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.026	<0.020	0.035	0.020	A081901	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	29.8	34.4	33.5	35.4	0.20	A081901	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081901	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9898	YF9901	YF9909	YF9910			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	5.01	4.75	2.85	3.83	0.50	A085444	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	2.20	7.98	1.33	2.37	0.0050	A085444	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.055	0.054	0.048	0.059	0.010	A085444	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0051	0.0095	0.0030	0.0030	0.0013	A085444	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.05	1.55	0.78	0.91	0.20	A085444	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0032	0.0035	0.0018	0.0019	0.0013	A085444	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	1100	509	1420	1350	4.0	A085444	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0037	0.0047	0.0024	0.0022	0.0010	A085444	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.027	<0.025	<0.025	0.025	A085444	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0391	0.0615	0.0386	0.0374	0.0013	A085444	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	3.63	6.35	4.34	3.52	0.013	A085444	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	11.0	15.9	6.18	9.74	0.25	A085444	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A085444	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0020	0.0029	0.0018	0.0019	0.0013	A085444	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	0.14	0.14	0.10	A085444	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	390	365	484	361	0.40	A085444	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.204	0.176	0.172	0.147	0.010	A085444	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.028	0.052	<0.013	<0.013	0.013	A085444	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0108	0.0159	0.0144	0.0102	0.0080	A085444	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.017	0.025	0.011	0.015	0.010	A085444	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2080	2110	1440	1180	2.0	A085444	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3040	3050	1700	1510	2.5	A085444	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.995	0.809	0.598	0.462	0.010	A085444	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.391	0.425	0.331	0.285	0.010	A085444	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A085444	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0341	0.0829	0.0588	0.0520	0.0013	A085444	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4200	3510	6650	6710	2.5	A085444	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	19.3	8.16	25.8	24.5	0.013	A085444	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2450	3100	1990	1760	50	A085444	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	0.0044	0.0040	A085444	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A085444	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9898	YF9901	YF9909	YF9910			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A085444	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A085444	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.50	0.45	0.27	0.28	0.13	A085444	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A085444	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00060	0.00208	<0.00040	<0.00040	0.00040	A085444	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.021	<0.020	<0.020	0.020	A085444	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	26.7	32.5	23.9	21.8	0.20	A085444	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A085444	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9911	YF9912	YF9913	YF9914			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	7.77	2.39	3.86	4.66	0.50	A085444	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0027	<0.0020	<0.0020	0.0024	0.0020	A085444	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	9.25	11.3	6.25	2.73	0.0050	A085444	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.086	0.050	0.056	0.103	0.010	A085444	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0062	0.0082	0.0107	0.0076	0.0013	A085444	0.0015
Total (Wet Wt) Boron (B)	mg/kg	2.06	2.11	2.14	1.67	0.20	A085444	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0038	0.0048	0.0023	<0.0013	0.0013	A085444	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	507	812	638	1390	4.0	A085444	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0043	0.0049	0.0040	0.0035	0.0010	A085444	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.026	<0.025	<0.025	<0.025	0.025	A085444	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0902	0.0253	0.0375	0.0630	0.0013	A085444	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	7.67	4.20	4.29	5.74	0.013	A085444	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	26.4	11.9	16.3	18.9	0.25	A085444	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A085444	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0054	0.0058	0.0020	0.0030	0.0013	A085444	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A085444	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	383	421	395	423	0.40	A085444	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.330	0.167	0.151	0.230	0.010	A085444	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.064	0.114	0.103	0.019	0.013	A085444	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0120	0.0097	0.0084	0.0115	0.0080	A085444	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.022	<0.010	<0.010	0.017	0.010	A085444	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2130	2490	2130	2230	2.0	A085444	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3270	3560	3130	2860	2.5	A085444	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.892	0.922	0.822	0.794	0.010	A085444	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.374	0.379	0.370	0.395	0.010	A085444	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A085444	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0866	0.0571	0.0469	0.0690	0.0013	A085444	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3690	3110	4080	4580	2.5	A085444	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	8.04	12.1	10.9	23.2	0.013	A085444	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3120	3370	3230	2650	50	A085444	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	0.0118	0.0040	A085444	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A085444	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9911	YF9912	YF9913	YF9914			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A085444	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A085444	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.65	0.32	0.45	0.48	0.13	A085444	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A085444	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.00109	<0.00040	0.00064	<0.00040	0.00040	A085444	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.054	<0.020	0.024	0.035	0.020	A085444	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	34.6	34.3	34.3	29.4	0.20	A085444	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A085444	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9915	YF9916	YF9917	YF9918			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-14	20ARM-CRAB-15	20ARM-HEP-16	20ARM-HEP-17	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	4.05	3.71	1.38	1.97	0.50	A085444	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0026	<0.0020	0.0104	0.0089	0.0020	A085444	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	8.92	2.46	10.2	5.43	0.0050	A085444	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.049	0.068	0.240	0.346	0.010	A085444	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0105	0.0022	0.0129	0.0109	0.0013	A085444	0.0015
Total (Wet Wt) Boron (B)	mg/kg	2.67	0.91	3.24	1.97	0.20	A085444	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0024	0.0044	0.143	0.992	0.0013	A085444	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	650	1730	1700	1580	4.0	A085444	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0044	0.0031	0.0091	0.0115	0.0010	A085444	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.039	0.032	0.067	0.025	A085444	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0543	0.0291	0.290	0.486	0.0013	A085444	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	4.86	3.17	42.8	6.24	0.013	A085444	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	14.5	9.59	71.6	76.3	0.25	A085444	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A085444	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0017	0.0020	0.0026	0.0028	0.0013	A085444	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.12	0.11	<0.10	0.10	A085444	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	413	630	467	507	0.40	A085444	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.196	0.225	1.64	1.70	0.010	A085444	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.098	<0.013	0.070	0.045	0.013	A085444	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.0094	0.0186	0.265	0.456	0.0080	A085444	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.011	0.024	0.201	0.536	0.010	A085444	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2590	1880	3050	3160	2.0	A085444	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3520	1960	1970	2460	2.5	A085444	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.865	0.702	1.41	1.83	0.010	A085444	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.365	0.330	2.11	2.42	0.010	A085444	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A085444	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0544	0.0703	0.864	0.0523	0.0013	A085444	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3290	6530	4550	3980	2.5	A085444	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	10.0	32.1	62.4	41.7	0.013	A085444	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3400	2170	3680	3030	50	A085444	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	0.0104	0.0082	0.0040	A085444	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	0.00148	0.00123	0.00040	A085444	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9915	YF9916	YF9917	YF9918			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-14	20ARM-CRAB-15	20ARM-HEP-16	20ARM-HEP-17	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A085444	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A085444	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.43	0.39	0.34	0.37	0.13	A085444	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	0.0148	0.0421	0.0050	A085444	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00076	0.0472	0.0627	0.00040	A085444	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.024	<0.020	0.121	0.189	0.020	A085444	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	35.6	29.3	17.8	21.2	0.20	A085444	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A085444	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9919	YF9920	YF9921	YF9922			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-18	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	0.64	1.66	0.77	1.94	0.50	A085444	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0060	0.0088	0.0049	0.0092	0.0020	A085444	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	8.55	10.7	4.55	8.92	0.0050	A085444	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.316	0.251	0.056	0.174	0.010	A085444	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0125	0.0106	0.0040	0.0101	0.0013	A085444	0.0015
Total (Wet Wt) Boron (B)	mg/kg	4.74	1.78	0.80	1.35	0.20	A085444	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.144	0.823	0.159	0.257	0.0013	A085444	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	9650	3390	299	970	4.0	A085444	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0076	0.0063	0.0064	0.0082	0.0010	A085444	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.029	0.055	0.052	0.030	0.025	A085444	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.286	0.381	0.156	0.313	0.0013	A085444	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	87.3	16.2	14.6	49.7	0.013	A085444	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	50.4	80.9	47.2	49.4	0.25	A085444	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	0.012	0.011	<0.010	<0.010	0.010	A085444	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0036	0.0038	0.0024	0.0036	0.0013	A085444	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.11	<0.10	0.14	0.10	0.10	A085444	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	1120	530	301	384	0.40	A085444	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	2.67	2.24	0.904	1.56	0.010	A085444	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.069	0.033	0.034	0.053	0.013	A085444	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.256	0.507	0.230	1.22	0.0080	A085444	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.097	0.560	0.181	0.346	0.010	A085444	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	8380	4240	1350	2440	2.0	A085444	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2020	2840	1750	2560	2.5	A085444	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.30	1.48	1.23	1.36	0.010	A085444	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	1.52	2.89	1.37	2.28	0.010	A085444	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A085444	14
Total (Wet Wt) Silver (Ag)	mg/kg	1.04	0.262	0.183	0.654	0.0013	A085444	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	4850	3850	4580	4350	2.5	A085444	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	182	77.0	5.37	34.6	0.013	A085444	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3460	3660	2420	3840	50	A085444	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0107	0.0112	0.0043	0.0104	0.0040	A085444	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00242	0.00106	0.00125	0.00106	0.00040	A085444	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9919	YF9920	YF9921	YF9922			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-18	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A085444	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	0.027	<0.020	<0.020	0.043	0.020	A085444	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.71	0.44	0.15	0.34	0.13	A085444	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	0.0330	0.0095	0.0222	0.0050	A085444	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0345	0.0503	0.0201	0.0588	0.00040	A085444	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.058	0.229	0.085	0.164	0.020	A085444	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	13.8	13.4	9.29	14.8	0.20	A085444	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A085444	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9923	YF9924	YF9925	YF9926			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-22	20ARM-HEP-23	20ARM-HEP-24	20ARM-HEP-25	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.94	2.11	1.46	1.26	0.50	A085444	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0095	0.0082	0.0078	0.0086	0.0020	A085444	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	6.54	10.1	12.0	7.73	0.0050	A085444	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.209	0.121	0.090	0.187	0.010	A085444	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A085444	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0114	0.0097	0.0076	0.0108	0.0013	A085444	0.0015
Total (Wet Wt) Boron (B)	mg/kg	2.45	1.58	2.02	1.90	0.20	A085444	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.149	0.349	0.161	0.360	0.0013	A085444	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	4220	401	579	3440	4.0	A085444	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0079	0.0098	0.0088	0.0071	0.0010	A085444	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.055	0.062	0.042	0.084	0.025	A085444	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.318	0.473	0.308	0.338	0.0013	A085444	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	5.72	117	74.0	4.76	0.013	A085444	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	98.0	109	52.7	62.7	0.25	A085444	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	0.011	0.013	<0.010	<0.010	0.010	A085444	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0040	0.0079	0.0024	0.0036	0.0013	A085444	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.16	0.18	<0.10	0.10	A085444	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	626	467	438	476	0.40	A085444	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.90	0.998	1.12	1.70	0.010	A085444	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.095	0.070	0.081	0.093	0.013	A085444	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.309	0.250	0.209	0.438	0.0080	A085444	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.383	0.209	0.328	0.490	0.010	A085444	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	5030	1410	1690	4490	2.0	A085444	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3030	1510	1960	2860	2.5	A085444	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.60	1.05	1.37	1.39	0.010	A085444	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.22	1.49	1.58	6.27	0.010	A085444	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A085444	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.0606	1.01	1.17	0.0514	0.0013	A085444	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	3760	5550	5590	3610	2.5	A085444	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	83.2	12.1	15.6	67.6	0.013	A085444	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3530	3110	2690	3420	50	A085444	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0101	0.0083	0.0073	0.0106	0.0040	A085444	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00122	0.00114	0.00056	0.00106	0.00040	A085444	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9923	YF9924	YF9925	YF9926			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-22	20ARM-HEP-23	20ARM-HEP-24	20ARM-HEP-25	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A085444	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.021	<0.020	<0.020	0.020	A085444	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.52	0.26	0.24	0.42	0.13	A085444	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0165	<0.0050	0.0087	0.0249	0.0050	A085444	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0540	0.0476	0.0614	0.0507	0.00040	A085444	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.145	0.162	0.109	0.183	0.020	A085444	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	14.7	17.1	15.0	12.9	0.20	A085444	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A085444	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9927	YF9928	YF9929	YF9930			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-26	20ARM-HEP-27	20ARM-HEP-28	20ARM-HEP-29	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	1.32	1.02	3.24	1.63	0.50	A088467	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0098	0.0076	0.0068	0.0118	0.0020	A088467	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	9.51	25.6	3.98	11.6	0.0050	A088467	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.216	0.164	0.165	0.179	0.010	A088467	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0115	0.0093	0.0095	0.0124	0.0013	A088467	0.0015
Total (Wet Wt) Boron (B)	mg/kg	3.83	3.41	1.38	1.70	0.20	A088467	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0794	0.149	0.401	0.318	0.0013	A088467	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	1340	825	620	1170	4.0	A088467	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0108	0.0082	0.0053	0.0101	0.0010	A088467	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.027	<0.025	0.046	0.088	0.025	A088467	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.307	0.189	0.580	0.464	0.0013	A088467	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	56.3	79.7	33.8	53.9	0.013	A088467	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	58.7	84.5	74.3	49.2	0.25	A088467	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	0.025	<0.010	0.010	A088467	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0027	0.0027	0.0064	0.0034	0.0013	A088467	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.13	0.16	0.12	0.10	0.10	A088467	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	396	346	380	390	0.40	A088467	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.23	1.12	0.978	1.08	0.010	A088467	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.071	0.123	0.019	0.044	0.013	A088467	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.318	0.287	0.556	0.412	0.0080	A088467	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.169	0.076	0.777	0.487	0.010	A088467	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2390	1880	1600	2610	2.0	A088467	1.1
Total (Wet Wt) Potassium (K)	mg/kg	1770	1880	1770	2280	2.5	A088467	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.55	1.05	1.17	1.68	0.010	A088467	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	1.46	1.66	2.33	2.37	0.010	A088467	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A088467	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.485	1.24	0.230	0.677	0.0013	A088467	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	5040	4770	5270	3600	2.5	A088467	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	57.6	28.9	16.4	37.5	0.013	A088467	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	3480	2440	3200	3690	50	A088467	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0060	0.0089	0.0067	0.0084	0.0040	A088467	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00079	0.00077	0.00111	0.00121	0.00040	A088467	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9927	YF9928	YF9929	YF9930			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-26	20ARM-HEP-27	20ARM-HEP-28	20ARM-HEP-29	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	0.0031	<0.0025	0.0031	0.0026	0.0025	A088467	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.038	0.021	0.051	0.020	A088467	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.27	0.22	0.37	0.38	0.13	A088467	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0070	<0.0050	0.0293	0.0222	0.0050	A088467	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.0646	0.0336	0.0778	0.0653	0.00040	A088467	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.111	0.078	0.260	0.234	0.020	A088467	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	13.7	13.3	19.4	15.5	0.20	A088467	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A088467	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9931	YF9965	YF9966	YF9967			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-30	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	5.49	<0.50	<0.50	<0.50	0.50	A088467	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	0.0196	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	9.81	2.11	2.46	1.16	0.0050	A088467	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.241	0.015	0.015	<0.010	0.010	A088467	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0118	0.0020	0.0016	0.0021	0.0013	A088467	0.0015
Total (Wet Wt) Boron (B)	mg/kg	1.49	<0.20	<0.20	<0.20	0.20	A088467	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.376	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	630	178	174	135	4.0	A088467	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0068	0.0105	0.0114	0.0107	0.0010	A088467	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	0.084	<0.025	<0.025	<0.025	0.025	A088467	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.588	0.0050	0.0042	0.0032	0.0013	A088467	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	28.1	0.098	0.115	0.106	0.013	A088467	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	60.3	0.87	1.02	0.84	0.25	A088467	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	0.027	<0.010	<0.010	<0.010	0.010	A088467	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0085	<0.0013	<0.0013	<0.0013	0.0013	A088467	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	0.14	<0.10	<0.10	<0.10	0.10	A088467	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	656	254	257	232	0.40	A088467	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	1.24	0.108	0.185	0.114	0.010	A088467	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.028	0.032	0.031	0.022	0.013	A088467	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	0.587	<0.0080	<0.0080	<0.0080	0.0080	A088467	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.842	0.014	<0.010	<0.010	0.010	A088467	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	1320	1980	2010	1920	2.0	A088467	1.1
Total (Wet Wt) Potassium (K)	mg/kg	2080	3470	3530	3850	2.5	A088467	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	1.46	0.582	0.614	0.686	0.010	A088467	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	2.52	0.514	0.401	0.472	0.010	A088467	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A088467	14
Total (Wet Wt) Silver (Ag)	mg/kg	0.194	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	5420	552	644	568	2.5	A088467	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	17.3	0.916	0.831	0.331	0.013	A088467	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2840	2030	1830	2400	50	A088467	50
Total (Wet Wt) Tellurium (Te)	mg/kg	0.0229	<0.0040	<0.0040	<0.0040	0.0040	A088467	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	0.00121	<0.00040	<0.00040	<0.00040	0.00040	A088467	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9931	YF9965	YF9966	YF9967			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-30	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	0.0048	<0.0025	<0.0025	<0.0025	0.0025	A088467	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.030	<0.020	0.021	0.020	A088467	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.52	0.17	0.20	0.17	0.13	A088467	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	0.0634	<0.0050	<0.0050	<0.0050	0.0050	A088467	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	0.139	<0.00040	<0.00040	<0.00040	0.00040	A088467	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	0.428	<0.020	<0.020	<0.020	0.020	A088467	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	12.3	3.59	3.95	3.38	0.20	A088467	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A088467	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9968	YF9969	YF9970	YF9971			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	A088467	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.47	2.10	4.30	1.86	0.0050	A088467	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.010	<0.010	0.011	0.025	0.010	A088467	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0025	0.0022	0.0020	0.0026	0.0013	A088467	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A088467	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	107	102	144	421	4.0	A088467	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0130	0.0105	0.0126	0.0130	0.0010	A088467	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A088467	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0060	0.0039	0.0039	0.0069	0.0013	A088467	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.126	0.097	0.114	0.120	0.013	A088467	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.99	0.94	1.16	1.21	0.25	A088467	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A088467	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0013	<0.0013	<0.0013	0.0015	0.0013	A088467	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A088467	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	262	256	278	268	0.40	A088467	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.136	0.124	0.164	0.134	0.010	A088467	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.020	0.030	0.032	0.043	0.013	A088467	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A088467	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.015	<0.010	<0.010	0.013	0.010	A088467	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	1990	2030	1920	2090	2.0	A088467	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3880	3840	3700	3690	2.5	A088467	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.755	0.725	0.662	0.697	0.010	A088467	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.605	0.510	0.373	0.620	0.010	A088467	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A088467	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	541	605	657	667	2.5	A088467	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.352	0.281	0.546	2.63	0.013	A088467	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2320	2060	2270	1970	50	A088467	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A088467	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A088467	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9968	YF9969	YF9970	YF9971			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-04	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A088467	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	0.022	<0.020	0.026	0.020	A088467	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.19	0.17	0.18	0.21	0.13	A088467	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A088467	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00102	0.00040	A088467	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A088467	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.15	3.54	3.66	3.87	0.20	A088467	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A088467	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9972	YF9973	YF9974			
Sampling Date							
COC Number		08486610	08486610	08486610			
	UNITS	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	RDL	QC Batch	MDL
Total Metals by ICPMS							
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	0.50	A088467	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.33	2.12	3.11	0.0050	A088467	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	<0.010	0.011	0.016	0.010	A088467	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	0.0020	A088467	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0043	0.0027	0.0030	0.0013	A088467	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	0.20	A088467	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	88.8	297	188	4.0	A088467	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0127	0.0135	0.0139	0.0010	A088467	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	0.025	A088467	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0046	0.0054	0.0037	0.0013	A088467	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.076	0.108	0.079	0.013	A088467	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	0.70	1.28	0.59	0.25	A088467	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	0.010	A088467	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	0.0013	0.0013	A088467	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	0.10	A088467	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	257	266	252	0.40	A088467	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.077	0.119	0.092	0.010	A088467	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.042	0.026	0.025	0.013	A088467	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	0.0080	A088467	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.016	<0.010	0.010	A088467	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	1900	2020	1980	2.0	A088467	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3620	3870	3870	2.5	A088467	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.665	0.688	0.715	0.010	A088467	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.525	0.695	0.511	0.010	A088467	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	50	A088467	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	0.0013	A088467	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	630	598	554	2.5	A088467	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.234	1.11	0.680	0.013	A088467	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	1950	2130	1940	50	A088467	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	0.0040	A088467	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	A088467	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9972	YF9973	YF9974			
Sampling Date							
COC Number		08486610	08486610	08486610			
	UNITS	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	0.0025	A088467	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	<0.020	<0.020	<0.020	0.020	A088467	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	0.19	0.19	0.13	A088467	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	0.0050	A088467	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	0.00040	A088467	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	0.020	A088467	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	2.80	3.16	3.24	0.20	A088467	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	0.040	A088467	0.018
RDL = Reportable Detection Limit							

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9975	YF9976	YF9977	YF9978			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	RDL	QC Batch	MDL
Total Metals by ICPMS								
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	<0.50	<0.50	<0.50	0.50	A081902	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081902	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	1.95	2.85	4.28	3.70	0.0050	A081902	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.015	<0.010	0.018	<0.010	0.010	A081902	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	A081902	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0029	0.0029	0.0028	0.0016	0.0013	A081902	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	<0.20	<0.20	<0.20	0.20	A081902	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081902	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	412	83.2	225	73.5	4.0	A081902	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0135	0.0138	0.0127	0.0135	0.0010	A081902	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	<0.025	<0.025	<0.025	0.025	A081902	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0056	0.0045	0.0052	0.0021	0.0013	A081902	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	1.35	0.105	0.077	0.092	0.013	A081902	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	0.97	1.40	0.96	1.66	0.25	A081902	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	<0.010	<0.010	<0.010	0.010	A081902	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081902	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	<0.10	<0.10	<0.10	0.10	A081902	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	272	251	209	209	0.40	A081902	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.116	0.072	0.081	0.067	0.010	A081902	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	0.023	0.040	0.045	0.015	0.013	A081902	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	<0.0080	<0.0080	<0.0080	0.0080	A081902	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	0.011	0.018	<0.010	0.022	0.010	A081902	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2180	1790	1880	1860	2.0	A081902	1.1
Total (Wet Wt) Potassium (K)	mg/kg	3860	3520	3670	4020	2.5	A081902	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.680	0.627	0.558	0.712	0.010	A081902	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.791	0.519	0.530	1.04	0.010	A081902	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	<50	<50	<50	50	A081902	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	<0.0013	<0.0013	<0.0013	0.0013	A081902	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	549	690	626	671	2.5	A081902	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	1.89	0.264	1.19	0.196	0.013	A081902	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2050	1690	1940	2460	50	A081902	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	<0.0040	<0.0040	<0.0040	0.0040	A081902	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081902	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9975	YF9976	YF9977	YF9978			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	**20ARM-SOLE-11**	**20ARM-SOLE-12**	**20ARM-SOLE-13**	**20ARM-SOLE-14**	**RDL**	**QC Batch**	**MDL**
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	A081902	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	0.046	<0.020	<0.020	<0.020	0.020	A081902	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.21	0.18	0.17	0.19	0.13	A081902	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	A081902	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	<0.00040	<0.00040	<0.00040	0.00040	A081902	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	<0.020	<0.020	<0.020	0.020	A081902	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.25	2.88	3.03	3.31	0.20	A081902	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	<0.040	<0.040	<0.040	0.040	A081902	0.018
RDL = Reportable Detection Limit								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

BV Labs - Partial/Rush Results

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9979			
Sampling Date					
COC Number		08486610			
	UNITS	20ARM-SOLE-15	RDL	QC Batch	MDL
Total Metals by ICPMS					
Total (Wet Wt) Aluminum (Al)	mg/kg	<0.50	0.50	A081902	N/A
Total (Wet Wt) Antimony (Sb)	mg/kg	<0.0020	0.0020	A081902	0.0027
Total (Wet Wt) Arsenic (As)	mg/kg	2.27	0.0050	A081902	0.0056
Total (Wet Wt) Barium (Ba)	mg/kg	0.019	0.010	A081902	0.018
Total (Wet Wt) Beryllium (Be)	mg/kg	<0.0020	0.0020	A081902	0.00069
Total (Wet Wt) Bismuth (Bi)	mg/kg	0.0016	0.0013	A081902	0.0015
Total (Wet Wt) Boron (B)	mg/kg	<0.20	0.20	A081902	N/A
Total (Wet Wt) Cadmium (Cd)	mg/kg	<0.0013	0.0013	A081902	0.00075
Total (Wet Wt) Calcium (Ca)	mg/kg	91.9	4.0	A081902	2.9
Total (Wet Wt) Cesium (Cs)	mg/kg	0.0122	0.0010	A081902	0.020
Total (Wet Wt) Chromium (Cr)	mg/kg	<0.025	0.025	A081902	0.043
Total (Wet Wt) Cobalt (Co)	mg/kg	0.0025	0.0013	A081902	0.0017
Total (Wet Wt) Copper (Cu)	mg/kg	0.125	0.013	A081902	0.013
Total (Wet Wt) Iron (Fe)	mg/kg	1.24	0.25	A081902	0.40
Total (Wet Wt) Lanthanum (La)	mg/kg	<0.010	0.010	A081902	0.010
Total (Wet Wt) Lead (Pb)	mg/kg	0.0021	0.0013	A081902	N/A
Total (Wet Wt) Lithium (Li)	mg/kg	<0.10	0.10	A081902	0.23
Total (Wet Wt) Magnesium (Mg)	mg/kg	276	0.40	A081902	0.61
Total (Wet Wt) Manganese (Mn)	mg/kg	0.099	0.010	A081902	0.0090
Total (Wet Wt) Mercury (Hg)	mg/kg	<0.013	0.013	A081902	0.0063
Total (Wet Wt) Molybdenum (Mo)	mg/kg	<0.0080	0.0080	A081902	0.0068
Total (Wet Wt) Nickel (Ni)	mg/kg	<0.010	0.010	A081902	0.010
Total (Wet Wt) Phosphorus (P)	mg/kg	2070	2.0	A081902	1.1
Total (Wet Wt) Potassium (K)	mg/kg	4270	2.5	A081902	2.1
Total (Wet Wt) Rubidium (Rb)	mg/kg	0.758	0.010	A081902	0.010
Total (Wet Wt) Selenium (Se)	mg/kg	0.875	0.010	A081902	0.0079
Total (Wet Wt) Silicon (Si)	mg/kg	<50	50	A081902	14
Total (Wet Wt) Silver (Ag)	mg/kg	<0.0013	0.0013	A081902	0.00079
Total (Wet Wt) Sodium (Na)	mg/kg	568	2.5	A081902	2.1
Total (Wet Wt) Strontium (Sr)	mg/kg	0.182	0.013	A081902	0.0066
Total (Wet Wt) Sulphur (S)	mg/kg	2610	50	A081902	50
Total (Wet Wt) Tellurium (Te)	mg/kg	<0.0040	0.0040	A081902	0.0040
Total (Wet Wt) Thallium (Tl)	mg/kg	<0.00040	0.00040	A081902	0.00037

RDL = Reportable Detection Limit
N/A = Not Applicable

ELEMENTS BY ATOMIC SPECTROSCOPY - WET WT (TISSUE)

BV Labs ID		YF9979			
Sampling Date					
COC Number		08486610			
	UNITS	20ARM-SOLE-15	RDL	QC Batch	MDL
Total (Wet Wt) Thorium (Th)	mg/kg	<0.0025	0.0025	A081902	0.0025
Total (Wet Wt) Tin (Sn)	mg/kg	0.021	0.020	A081902	0.088
Total (Wet Wt) Titanium (Ti)	mg/kg	0.18	0.13	A081902	0.14
Total (Wet Wt) Tungsten (W)	mg/kg	<0.0050	0.0050	A081902	0.0050
Total (Wet Wt) Uranium (U)	mg/kg	<0.00040	0.00040	A081902	0.00025
Total (Wet Wt) Vanadium (V)	mg/kg	<0.020	0.020	A081902	0.053
Total (Wet Wt) Zinc (Zn)	mg/kg	3.54	0.20	A081902	0.33
Total (Wet Wt) Zirconium (Zr)	mg/kg	<0.040	0.040	A081902	0.018
RDL = Reportable Detection Limit					

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF8548	YF8549	YF8550	YF8551	YF8552			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	84	81	82	85	0.30	A077173	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8553	YF8554	YF8555	YF8556	YF8557			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	81	80	80	81	81	0.30	A077173	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8558	YF8559	YF8560	YF8561	YF8562			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	78	81	84	83	81	0.30	A077173	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8563	YF8564	YF8565	YF8566	YF8567			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-16	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	77	70	87	81	67	0.30	A077173	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8568	YF8569	YF8570	YF8571	YF8572			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-21	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	20LNG-HEP-25	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	84	77	81	85	73	0.30	A077242	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF8573	YF8574	YF8575	YF8576	YF8577			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-26	20LNG-HEP-27	20LNG-HEP-28	20LNG-HEP-29	20LNG-HEP-30	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	76	82	77	78	81	0.30	A077242	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8578	YF8579	YF8580	YF8581	YF8582			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-31	20LNG-HEP-32	20LNG-HEP-33	20LNG-HEP-34	20LNG-HEP-35	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	75	77	85	74	80	0.30	A077242	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8583	YF8584	YF8585	YF8586	YF8587			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-36	20LNG-HEP-37	20LNG-HEP-38	20LNG-HEP-39	20LNG-HEP-40	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	79	78	81	78	84	0.30	A077242	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8588	YF8589	YF8590	YF8591	YF8592			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-41	20LNG-HEP-42	20LNG-HEP-43	20LNG-HEP-44	20LNG-HEP-45	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	77	64	83	83	81	0.30	A077595	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8593	YF8594	YF8595	YF8596	YF8597			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-46	20LNG-HEP-47	20LNG-HEP-48	20LNG-HEP-49	20LNG-HEP-50	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	75	87	84	87	0.30	A077595	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF8598	YF8599	YF8600	YF8601	YF8602			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-51	20LNG-HEP-52	20LNG-HEP-53	20LNG-HEP-54	20LNG-HEP-55	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	81	79	80	80	72	0.30	A077595	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8603	YF8604	YF8605	YF8606	YF8607			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-HEP-56	20LNG-HEP-57	20LNG-HEP-58	20LNG-HEP-59	20LNG-HEP-60	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	78	71	81	76	84	0.30	A077595	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8608	YF8609	YF8610	YF8611	YF8612			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	80	83	84	81	0.30	A077598	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8616	YF8617	YF8618	YF8619	YF8620			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-06	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	81	82	82	84	0.30	A077598	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF8621	YF8622	YF8623	YF8624	YF8625			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20LNG-SOLE-11	20LNG-SOLE-12	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	82	81	81	82	0.30	A077598	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9806	YF9807	YF9808	YF9809	YF9810			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-01	20VIL-CRAB-02	20VIL-CRAB-03	20VIL-CRAB-04	20VIL-CRAB-05	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	81	80	82	81	80	0.30	A077598	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9811	YF9812	YF9813	YF9814	YF9815			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-06	20VIL-CRAB-07	20VIL-CRAB-08	20VIL-CRAB-09	20VIL-CRAB-10	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	81	81	82	80	0.30	A080585	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9816	YF9817	YF9818	YF9819	YF9820			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-CRAB-11	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	20VIL-CRAB-15	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	81	83	80	82	0.30	A080585	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9821	YF9822	YF9823	YF9824	YF9825	YF9826			
Sampling Date										
COC Number		08486610	08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-16	20VIL-HEP-17	20VIL-HEP-18	20VIL-HEP-19	20VIL-HEP-20	20VIL-HEP-21	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	75	65	77	76	71	82	0.30	A080585	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9827	YF9828	YF9829	YF9830		YF9831			
Sampling Date										
COC Number		08486610	08486610	08486610	08486610		08486610			
	UNITS	20VIL-HEP-22	20VIL-HEP-23	20VIL-HEP-24	20VIL-HEP-25	QC Batch	20VIL-HEP-26	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	80	83	72	74	A080585	76	0.30	A080974	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9832	YF9833	YF9834	YF9835	YF9836	YF9837			
Sampling Date										
COC Number		08486610	08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-27	20VIL-HEP-28	20VIL-HEP-29	20VIL-HEP-30	20VIL-HEP-31	20VIL-HEP-32	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	83	82	70	84	71	78	0.30	A080974	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9838	YF9839	YF9840	YF9841	YF9842	YF9843			
Sampling Date										
COC Number		08486610	08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-33	20VIL-HEP-34	20VIL-HEP-35	20VIL-HEP-36	20VIL-HEP-37	20VIL-HEP-38	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	81	80	73	72	75	75	0.30	A080974	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9844	YF9845	YF9846	YF9847	YF9848	YF9849			
Sampling Date										
COC Number		08486610	08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-39	20VIL-HEP-40	20VIL-HEP-41	20VIL-HEP-42	20VIL-HEP-43	20VIL-HEP-44	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	75	70	72	86	76	80	0.30	A080974	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9850		YF9866	YF9867	YF9868	YF9869			
Sampling Date										
COC Number		08486610		08486610	08486610	08486610	08486610			
	UNITS	20VIL-HEP-45	QC Batch	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	RDL	QC Batch	MDL
Physical Properties										
Moisture	%	76	A080974	82	83	83	83	0.30	A080977	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9870	YF9871	YF9872	YF9873	YF9874			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	82	81	83	82	0.30	A080977	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9875	YF9876	YF9877	YF9878	YF9879			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-10	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	84	81	84	83	82	0.30	A080977	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9880	YF9893	YF9894	YF9895	YF9896			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20VIL-SOLE-15	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	78	85	83	82	82	0.30	A080977	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9897		YF9898	YF9901	YF9909			
Sampling Date									
COC Number		08486610		08486610	08486610	08486610			
	UNITS	20ARM-CRAB-05	QC Batch	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	A080977	84	82	86	0.30	A082249	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9910	YF9911	YF9912	YF9913	YF9914			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-09	20ARM-CRAB-10	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	87	83	82	83	82	0.30	A082249	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9915	YF9916	YF9917	YF9918	YF9919			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-CRAB-14	20ARM-CRAB-15	20ARM-HEP-16	20ARM-HEP-17	20ARM-HEP-18	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	86	84	79	84	0.30	A082249	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

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PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9920	YF9921	YF9922	YF9923	YF9924			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	20ARM-HEP-22	20ARM-HEP-23	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	74	76	81	71	87	0.30	A082249	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9925	YF9926		YF9927	YF9928			
Sampling Date									
COC Number		08486610	08486610		08486610	08486610			
	UNITS	20ARM-HEP-24	20ARM-HEP-25	QC Batch	20ARM-HEP-26	20ARM-HEP-27	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	86	67	A082249	86	86	0.30	A082250	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9929	YF9930	YF9931	YF9932	YF9933			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-28	20ARM-HEP-29	20ARM-HEP-30	20ARM-HEP-31	20ARM-HEP-32	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	83	85	83	79	0.30	A082250	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9934	YF9935	YF9936	YF9937	YF9938			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-33	20ARM-HEP-34	20ARM-HEP-35	20ARM-HEP-36	20ARM-HEP-37	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	78	86	75	83	80	0.30	A082250	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9939	YF9940	YF9941	YF9942	YF9943			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-38	20ARM-HEP-39	20ARM-HEP-40	20ARM-HEP-41	20ARM-HEP-42	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	77	79	78	82	84	0.30	A082250	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9944	YF9945	YF9946		YF9950			
Sampling Date									
COC Number		08486610	08486610	08486610		08486610			
	UNITS	20ARM-HEP-43	20ARM-HEP-44	20ARM-HEP-45	QC Batch	20ARM-HEP-46	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	76	80	64	A082250	79	0.30	A084262	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9951	YF9952	YF9953	YF9954	YF9955			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-47	20ARM-HEP-48	20ARM-HEP-49	20ARM-HEP-50	20ARM-HEP-51	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	83	78	71	82	80	0.30	A084262	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9956	YF9957	YF9958	YF9959	YF9960			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-52	20ARM-HEP-53	20ARM-HEP-54	20ARM-HEP-55	20ARM-HEP-56	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	87	80	81	79	75	0.30	A084262	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9961	YF9962	YF9963	YF9964	YF9965			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-HEP-57	20ARM-HEP-58	20ARM-HEP-59	20ARM-HEP-60	20ARM-SOLE-01	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	68	79	84	81	82	0.30	A084262	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9966	YF9967	YF9968	YF9969			
Sampling Date								
COC Number		08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	20ARM-SOLE-05	RDL	QC Batch	MDL
Physical Properties								
Moisture	%	83	81	80	81	0.30	A084262	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

PHYSICAL TESTING (TISSUE)

BV Labs ID		YF9970	YF9971	YF9972	YF9973	YF9974			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	20ARM-SOLE-10	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	81	81	82	82	83	0.30	A084266	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs ID		YF9975	YF9976	YF9977	YF9978	YF9979			
Sampling Date									
COC Number		08486610	08486610	08486610	08486610	08486610			
	UNITS	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	20ARM-SOLE-15	RDL	QC Batch	MDL
Physical Properties									
Moisture	%	82	84	83	82	81	0.30	A084266	N/A

RDL = Reportable Detection Limit
N/A = Not Applicable

BV Labs - Partial/Rush Results

GENERAL COMMENTS

Results relate only to the items tested.

BV Labs - Partial/Rush Results

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QUALITY ASSURANCE REPORT

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A080700	Total (Wet Wt) Aluminum (Al)	2020/11/18	116	80 - 120	<0.50	mg/kg			99	75 - 125
A080700	Total (Wet Wt) Antimony (Sb)	2020/11/18	111	80 - 120	<0.0020	mg/kg				
A080700	Total (Wet Wt) Arsenic (As)	2020/11/18	109	80 - 120	<0.0050	mg/kg			93	75 - 125
A080700	Total (Wet Wt) Barium (Ba)	2020/11/18	111	80 - 120	<0.010	mg/kg				
A080700	Total (Wet Wt) Beryllium (Be)	2020/11/18	110	80 - 120	<0.0020	mg/kg				
A080700	Total (Wet Wt) Bismuth (Bi)	2020/11/18	109	80 - 120	<0.0013	mg/kg				
A080700	Total (Wet Wt) Boron (B)	2020/11/18	112	80 - 120	<0.20	mg/kg				
A080700	Total (Wet Wt) Cadmium (Cd)	2020/11/18	109	80 - 120	<0.0013	mg/kg			95	75 - 125
A080700	Total (Wet Wt) Calcium (Ca)	2020/11/18	103	80 - 120	<4.0	mg/kg				
A080700	Total (Wet Wt) Cesium (Cs)	2020/11/18	107	80 - 120	<0.0010	mg/kg				
A080700	Total (Wet Wt) Chromium (Cr)	2020/11/18	111	80 - 120	<0.025	mg/kg			75	75 - 125
A080700	Total (Wet Wt) Cobalt (Co)	2020/11/18	112	80 - 120	<0.0013	mg/kg			88	75 - 125
A080700	Total (Wet Wt) Copper (Cu)	2020/11/18	108	80 - 120	<0.013	mg/kg			85	75 - 125
A080700	Total (Wet Wt) Iron (Fe)	2020/11/18	111	80 - 120	<0.25	mg/kg			89	75 - 125
A080700	Total (Wet Wt) Lanthanum (La)	2020/11/18	108	80 - 120	<0.010	mg/kg				
A080700	Total (Wet Wt) Lead (Pb)	2020/11/18	108	80 - 120	<0.0013	mg/kg			54 (1)	75 - 125
A080700	Total (Wet Wt) Lithium (Li)	2020/11/18	110	80 - 120	<0.10	mg/kg			85	75 - 125
A080700	Total (Wet Wt) Magnesium (Mg)	2020/11/18	112	80 - 120	<0.40	mg/kg				
A080700	Total (Wet Wt) Manganese (Mn)	2020/11/18	113	80 - 120	<0.010	mg/kg				
A080700	Total (Wet Wt) Mercury (Hg)	2020/11/18	111	80 - 120	<0.013	mg/kg			90	75 - 125
A080700	Total (Wet Wt) Molybdenum (Mo)	2020/11/18	114	80 - 120	<0.0080	mg/kg			91	75 - 125
A080700	Total (Wet Wt) Nickel (Ni)	2020/11/18	112	80 - 120	<0.010	mg/kg			79	75 - 125
A080700	Total (Wet Wt) Phosphorus (P)	2020/11/18	110	80 - 120	<2.0	mg/kg			94	75 - 125
A080700	Total (Wet Wt) Potassium (K)	2020/11/18	114	80 - 120	<2.5	mg/kg				
A080700	Total (Wet Wt) Rubidium (Rb)	2020/11/18	106	80 - 120	<0.010	mg/kg				
A080700	Total (Wet Wt) Selenium (Se)	2020/11/18	110	80 - 120	<0.010	mg/kg			96	75 - 125
A080700	Total (Wet Wt) Silicon (Si)	2020/11/18	111	80 - 120	<50	mg/kg				
A080700	Total (Wet Wt) Silver (Ag)	2020/11/18	107	80 - 120	<0.0013	mg/kg				
A080700	Total (Wet Wt) Sodium (Na)	2020/11/18	111	80 - 120	<2.5	mg/kg			97	75 - 125
A080700	Total (Wet Wt) Strontium (Sr)	2020/11/18	113	80 - 120	<0.013	mg/kg				
A080700	Total (Wet Wt) Sulphur (S)	2020/11/18	111	80 - 120	<50	mg/kg				
A080700	Total (Wet Wt) Tellurium (Te)	2020/11/18	107	80 - 120	<0.0040	mg/kg				
A080700	Total (Wet Wt) Thallium (Tl)	2020/11/18	112	80 - 120	<0.00040	mg/kg				

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A080700	Total (Wet Wt) Thorium (Th)	2020/11/18	114	80 - 120	<0.0025	mg/kg				
A080700	Total (Wet Wt) Tin (Sn)	2020/11/18	84	80 - 120	<0.020	mg/kg			121	75 - 125
A080700	Total (Wet Wt) Titanium (Ti)	2020/11/18	111	80 - 120	<0.13	mg/kg				
A080700	Total (Wet Wt) Tungsten (W)	2020/11/18	108	80 - 120	<0.0050	mg/kg				
A080700	Total (Wet Wt) Uranium (U)	2020/11/18	111	80 - 120	<0.00040	mg/kg			97	75 - 125
A080700	Total (Wet Wt) Vanadium (V)	2020/11/18	110	80 - 120	<0.020	mg/kg				
A080700	Total (Wet Wt) Zinc (Zn)	2020/11/18	110	80 - 120	<0.20	mg/kg			88	75 - 125
A080700	Total (Wet Wt) Zirconium (Zr)	2020/11/18	113	80 - 120	<0.040	mg/kg				
A080703	Total (Wet Wt) Aluminum (Al)	2020/11/17	112	80 - 120	<0.50	mg/kg			104	75 - 125
A080703	Total (Wet Wt) Antimony (Sb)	2020/11/17	113	80 - 120	<0.0020	mg/kg				
A080703	Total (Wet Wt) Arsenic (As)	2020/11/17	108	80 - 120	<0.0050	mg/kg			98	75 - 125
A080703	Total (Wet Wt) Barium (Ba)	2020/11/17	110	80 - 120	<0.010	mg/kg				
A080703	Total (Wet Wt) Beryllium (Be)	2020/11/17	103	80 - 120	<0.0020	mg/kg				
A080703	Total (Wet Wt) Bismuth (Bi)	2020/11/17	109	80 - 120	<0.0013	mg/kg				
A080703	Total (Wet Wt) Boron (B)	2020/11/17	105	80 - 120	<0.20	mg/kg				
A080703	Total (Wet Wt) Cadmium (Cd)	2020/11/17	108	80 - 120	<0.0013	mg/kg			98	75 - 125
A080703	Total (Wet Wt) Calcium (Ca)	2020/11/17	103	80 - 120	<4.0	mg/kg				
A080703	Total (Wet Wt) Cesium (Cs)	2020/11/17	107	80 - 120	<0.0010	mg/kg				
A080703	Total (Wet Wt) Chromium (Cr)	2020/11/17	107	80 - 120	<0.025	mg/kg			77	75 - 125
A080703	Total (Wet Wt) Cobalt (Co)	2020/11/17	108	80 - 120	<0.0013	mg/kg			92	75 - 125
A080703	Total (Wet Wt) Copper (Cu)	2020/11/17	105	80 - 120	<0.013	mg/kg			91	75 - 125
A080703	Total (Wet Wt) Iron (Fe)	2020/11/17	113	80 - 120	<0.25	mg/kg			96	75 - 125
A080703	Total (Wet Wt) Lanthanum (La)	2020/11/17	110	80 - 120	<0.010	mg/kg				
A080703	Total (Wet Wt) Lead (Pb)	2020/11/17	107	80 - 120	<0.0013	mg/kg			58 (1)	75 - 125
A080703	Total (Wet Wt) Lithium (Li)	2020/11/17	101	80 - 120	<0.10	mg/kg			84	75 - 125
A080703	Total (Wet Wt) Magnesium (Mg)	2020/11/17	106	80 - 120	<0.40	mg/kg				
A080703	Total (Wet Wt) Manganese (Mn)	2020/11/17	108	80 - 120	<0.010	mg/kg				
A080703	Total (Wet Wt) Mercury (Hg)	2020/11/17	112	80 - 120	<0.013	mg/kg			105	75 - 125
A080703	Total (Wet Wt) Molybdenum (Mo)	2020/11/17	112	80 - 120	<0.0080	mg/kg			92	75 - 125
A080703	Total (Wet Wt) Nickel (Ni)	2020/11/17	108	80 - 120	<0.010	mg/kg			83	75 - 125
A080703	Total (Wet Wt) Phosphorus (P)	2020/11/17	104	80 - 120	<2.0	mg/kg			94	75 - 125
A080703	Total (Wet Wt) Potassium (K)	2020/11/17	107	80 - 120	<2.5	mg/kg				
A080703	Total (Wet Wt) Rubidium (Rb)	2020/11/17	109	80 - 120	<0.010	mg/kg				

QUALITY ASSURANCE REPORT(CONT'D)

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A080703	Total (Wet Wt) Selenium (Se)	2020/11/17	109	80 - 120	<0.010	mg/kg			101	75 - 125
A080703	Total (Wet Wt) Silicon (Si)	2020/11/17	108	80 - 120	<50	mg/kg				
A080703	Total (Wet Wt) Silver (Ag)	2020/11/17	107	80 - 120	<0.0013	mg/kg				
A080703	Total (Wet Wt) Sodium (Na)	2020/11/17	108	80 - 120	<2.5	mg/kg			99	75 - 125
A080703	Total (Wet Wt) Strontium (Sr)	2020/11/17	111	80 - 120	<0.013	mg/kg				
A080703	Total (Wet Wt) Sulphur (S)	2020/11/17	103	80 - 120	<50	mg/kg				
A080703	Total (Wet Wt) Tellurium (Te)	2020/11/17	109	80 - 120	<0.0040	mg/kg				
A080703	Total (Wet Wt) Thallium (Tl)	2020/11/17	109	80 - 120	<0.00040	mg/kg				
A080703	Total (Wet Wt) Thorium (Th)	2020/11/17	114	80 - 120	<0.0025	mg/kg				
A080703	Total (Wet Wt) Tin (Sn)	2020/11/17	86	80 - 120	<0.020	mg/kg			194 (1)	75 - 125
A080703	Total (Wet Wt) Titanium (Ti)	2020/11/17	113	80 - 120	<0.13	mg/kg				
A080703	Total (Wet Wt) Tungsten (W)	2020/11/17	104	80 - 120	<0.0050	mg/kg				
A080703	Total (Wet Wt) Uranium (U)	2020/11/17	111	80 - 120	<0.00040	mg/kg			117	75 - 125
A080703	Total (Wet Wt) Vanadium (V)	2020/11/17	106	80 - 120	<0.020	mg/kg				
A080703	Total (Wet Wt) Zinc (Zn)	2020/11/17	107	80 - 120	<0.20	mg/kg			89	75 - 125
A080703	Total (Wet Wt) Zirconium (Zr)	2020/11/17	109	80 - 120	<0.040	mg/kg				
A081901	Total (Wet Wt) Aluminum (Al)	2020/11/18	106	80 - 120	<0.50	mg/kg			98	75 - 125
A081901	Total (Wet Wt) Antimony (Sb)	2020/11/18	107	80 - 120	<0.0020	mg/kg				
A081901	Total (Wet Wt) Arsenic (As)	2020/11/18	100	80 - 120	<0.0050	mg/kg			94	75 - 125
A081901	Total (Wet Wt) Barium (Ba)	2020/11/18	108	80 - 120	<0.010	mg/kg				
A081901	Total (Wet Wt) Beryllium (Be)	2020/11/18	103	80 - 120	<0.0020	mg/kg				
A081901	Total (Wet Wt) Bismuth (Bi)	2020/11/18	105	80 - 120	<0.0013	mg/kg				
A081901	Total (Wet Wt) Boron (B)	2020/11/18	105	80 - 120	<0.20	mg/kg				
A081901	Total (Wet Wt) Cadmium (Cd)	2020/11/18	102	80 - 120	<0.0013	mg/kg			92	75 - 125
A081901	Total (Wet Wt) Calcium (Ca)	2020/11/18	101	80 - 120	<4.0	mg/kg				
A081901	Total (Wet Wt) Cesium (Cs)	2020/11/18	101	80 - 120	<0.0010	mg/kg				
A081901	Total (Wet Wt) Chromium (Cr)	2020/11/18	102	80 - 120	<0.025	mg/kg			81	75 - 125
A081901	Total (Wet Wt) Cobalt (Co)	2020/11/18	105	80 - 120	<0.0013	mg/kg			91	75 - 125
A081901	Total (Wet Wt) Copper (Cu)	2020/11/18	104	80 - 120	<0.013	mg/kg			86	75 - 125
A081901	Total (Wet Wt) Iron (Fe)	2020/11/18	111	80 - 120	<0.25	mg/kg			91	75 - 125
A081901	Total (Wet Wt) Lanthanum (La)	2020/11/18	103	80 - 120	<0.010	mg/kg				
A081901	Total (Wet Wt) Lead (Pb)	2020/11/18	106	80 - 120	<0.0013	mg/kg			63 (2)	75 - 125
A081901	Total (Wet Wt) Lithium (Li)	2020/11/18	102	80 - 120	<0.10	mg/kg			75	75 - 125

BV Labs - Partial/Rush Results

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A081901	Total (Wet Wt) Magnesium (Mg)	2020/11/18	109	80 - 120	<0.40	mg/kg				
A081901	Total (Wet Wt) Manganese (Mn)	2020/11/18	104	80 - 120	<0.010	mg/kg				
A081901	Total (Wet Wt) Mercury (Hg)	2020/11/18	107	80 - 120	<0.013	mg/kg			91	75 - 125
A081901	Total (Wet Wt) Molybdenum (Mo)	2020/11/18	106	80 - 120	<0.0080	mg/kg			88	75 - 125
A081901	Total (Wet Wt) Nickel (Ni)	2020/11/18	106	80 - 120	<0.010	mg/kg			97	75 - 125
A081901	Total (Wet Wt) Phosphorus (P)	2020/11/18	102	80 - 120	<2.0	mg/kg			93	75 - 125
A081901	Total (Wet Wt) Potassium (K)	2020/11/18	105	80 - 120	<2.5	mg/kg				
A081901	Total (Wet Wt) Rubidium (Rb)	2020/11/18	103	80 - 120	<0.010	mg/kg				
A081901	Total (Wet Wt) Selenium (Se)	2020/11/18	98	80 - 120	<0.010	mg/kg			95	75 - 125
A081901	Total (Wet Wt) Silicon (Si)	2020/11/18	109	80 - 120	<50	mg/kg				
A081901	Total (Wet Wt) Silver (Ag)	2020/11/18	102	80 - 120	<0.0013	mg/kg				
A081901	Total (Wet Wt) Sodium (Na)	2020/11/18	109	80 - 120	<2.5	mg/kg			96	75 - 125
A081901	Total (Wet Wt) Strontium (Sr)	2020/11/18	103	80 - 120	<0.013	mg/kg				
A081901	Total (Wet Wt) Sulphur (S)	2020/11/18	101	80 - 120	<50	mg/kg				
A081901	Total (Wet Wt) Tellurium (Te)	2020/11/18	106	80 - 120	<0.0040	mg/kg				
A081901	Total (Wet Wt) Thallium (Tl)	2020/11/18	109	80 - 120	<0.00040	mg/kg				
A081901	Total (Wet Wt) Thorium (Th)	2020/11/18	103	80 - 120	<0.0025	mg/kg				
A081901	Total (Wet Wt) Tin (Sn)	2020/11/18	104	80 - 120	<0.020	mg/kg			123	75 - 125
A081901	Total (Wet Wt) Titanium (Ti)	2020/11/18	107	80 - 120	<0.13	mg/kg				
A081901	Total (Wet Wt) Tungsten (W)	2020/11/18	105	80 - 120	<0.0050	mg/kg				
A081901	Total (Wet Wt) Uranium (U)	2020/11/18	109	80 - 120	<0.00040	mg/kg			104	75 - 125
A081901	Total (Wet Wt) Vanadium (V)	2020/11/18	102	80 - 120	<0.020	mg/kg				
A081901	Total (Wet Wt) Zinc (Zn)	2020/11/18	103	80 - 120	<0.20	mg/kg			89	75 - 125
A081901	Total (Wet Wt) Zirconium (Zr)	2020/11/18	96	80 - 120	<0.040	mg/kg				
A081902	Total (Wet Wt) Aluminum (Al)	2020/11/20	105	80 - 120	<0.50	mg/kg			95	75 - 125
A081902	Total (Wet Wt) Antimony (Sb)	2020/11/20	100	80 - 120	<0.0020	mg/kg				
A081902	Total (Wet Wt) Arsenic (As)	2020/11/20	98	80 - 120	<0.0050	mg/kg			91	75 - 125
A081902	Total (Wet Wt) Barium (Ba)	2020/11/20	102	80 - 120	<0.010	mg/kg				
A081902	Total (Wet Wt) Beryllium (Be)	2020/11/20	100	80 - 120	<0.0020	mg/kg				
A081902	Total (Wet Wt) Bismuth (Bi)	2020/11/20	99	80 - 120	<0.0013	mg/kg				
A081902	Total (Wet Wt) Boron (B)	2020/11/20	100	80 - 120	<0.20	mg/kg				
A081902	Total (Wet Wt) Cadmium (Cd)	2020/11/20	97	80 - 120	<0.0013	mg/kg			93	75 - 125
A081902	Total (Wet Wt) Calcium (Ca)	2020/11/20	101	80 - 120	<4.0	mg/kg				

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A081902	Total (Wet Wt) Cesium (Cs)	2020/11/20	96	80 - 120	<0.0010	mg/kg				
A081902	Total (Wet Wt) Chromium (Cr)	2020/11/20	98	80 - 120	<0.025	mg/kg			76	75 - 125
A081902	Total (Wet Wt) Cobalt (Co)	2020/11/20	96	80 - 120	<0.0013	mg/kg			86	75 - 125
A081902	Total (Wet Wt) Copper (Cu)	2020/11/20	94	80 - 120	<0.013	mg/kg			83	75 - 125
A081902	Total (Wet Wt) Iron (Fe)	2020/11/20	105	80 - 120	<0.25	mg/kg			92	75 - 125
A081902	Total (Wet Wt) Lanthanum (La)	2020/11/20	100	80 - 120	<0.010	mg/kg				
A081902	Total (Wet Wt) Lead (Pb)	2020/11/20	96	80 - 120	<0.0013	mg/kg			54 (1)	75 - 125
A081902	Total (Wet Wt) Lithium (Li)	2020/11/20	99	80 - 120	<0.10	mg/kg			83	75 - 125
A081902	Total (Wet Wt) Magnesium (Mg)	2020/11/20	100	80 - 120	<0.40	mg/kg				
A081902	Total (Wet Wt) Manganese (Mn)	2020/11/20	98	80 - 120	<0.010	mg/kg				
A081902	Total (Wet Wt) Mercury (Hg)	2020/11/20	103	80 - 120	<0.013	mg/kg			91	75 - 125
A081902	Total (Wet Wt) Molybdenum (Mo)	2020/11/20	100	80 - 120	<0.0080	mg/kg			88	75 - 125
A081902	Total (Wet Wt) Nickel (Ni)	2020/11/20	96	80 - 120	<0.010	mg/kg			78	75 - 125
A081902	Total (Wet Wt) Phosphorus (P)	2020/11/20	98	80 - 120	<2.0	mg/kg			90	75 - 125
A081902	Total (Wet Wt) Potassium (K)	2020/11/20	100	80 - 120	<2.5	mg/kg				
A081902	Total (Wet Wt) Rubidium (Rb)	2020/11/20	101	80 - 120	<0.010	mg/kg				
A081902	Total (Wet Wt) Selenium (Se)	2020/11/20	96	80 - 120	<0.010	mg/kg			95	75 - 125
A081902	Total (Wet Wt) Silicon (Si)	2020/11/20	106	80 - 120	<50	mg/kg				
A081902	Total (Wet Wt) Silver (Ag)	2020/11/20	97	80 - 120	<0.0013	mg/kg				
A081902	Total (Wet Wt) Sodium (Na)	2020/11/20	102	80 - 120	<2.5	mg/kg			91	75 - 125
A081902	Total (Wet Wt) Strontium (Sr)	2020/11/20	100	80 - 120	<0.013	mg/kg				
A081902	Total (Wet Wt) Sulphur (S)	2020/11/20	97	80 - 120	<50	mg/kg				
A081902	Total (Wet Wt) Tellurium (Te)	2020/11/20	94	80 - 120	<0.0040	mg/kg				
A081902	Total (Wet Wt) Thallium (Tl)	2020/11/20	99	80 - 120	<0.00040	mg/kg				
A081902	Total (Wet Wt) Thorium (Th)	2020/11/20	95	80 - 120	<0.0025	mg/kg				
A081902	Total (Wet Wt) Tin (Sn)	2020/11/20	100	80 - 120	<0.020	mg/kg			124	75 - 125
A081902	Total (Wet Wt) Titanium (Ti)	2020/11/20	98	80 - 120	<0.13	mg/kg				
A081902	Total (Wet Wt) Tungsten (W)	2020/11/20	100	80 - 120	<0.0050	mg/kg				
A081902	Total (Wet Wt) Uranium (U)	2020/11/20	102	80 - 120	<0.00040	mg/kg			92	75 - 125
A081902	Total (Wet Wt) Vanadium (V)	2020/11/20	97	80 - 120	<0.020	mg/kg				
A081902	Total (Wet Wt) Zinc (Zn)	2020/11/20	105	80 - 120	<0.20	mg/kg			85	75 - 125
A081902	Total (Wet Wt) Zirconium (Zr)	2020/11/20	96	80 - 120	<0.040	mg/kg				
A082972	Total (Wet Wt) Aluminum (Al)	2020/11/17	111	80 - 120	<0.50	mg/kg	NC	40	101	75 - 125

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A082972	Total (Wet Wt) Antimony (Sb)	2020/11/17	109	80 - 120	<0.0020	mg/kg	NC	40		
A082972	Total (Wet Wt) Arsenic (As)	2020/11/17	106	80 - 120	<0.0050	mg/kg	NC	40	99	75 - 125
A082972	Total (Wet Wt) Barium (Ba)	2020/11/17	108	80 - 120	<0.010	mg/kg	NC	40		
A082972	Total (Wet Wt) Beryllium (Be)	2020/11/17	103	80 - 120	<0.0020	mg/kg	NC	40		
A082972	Total (Wet Wt) Bismuth (Bi)	2020/11/17	107	80 - 120	<0.0013	mg/kg	NC	40		
A082972	Total (Wet Wt) Boron (B)	2020/11/17	108	80 - 120	<0.20	mg/kg	NC	40		
A082972	Total (Wet Wt) Cadmium (Cd)	2020/11/17	106	80 - 120	<0.0013	mg/kg	NC	40	98	75 - 125
A082972	Total (Wet Wt) Calcium (Ca)	2020/11/17	101	80 - 120	<4.0	mg/kg	NC	60		
A082972	Total (Wet Wt) Cesium (Cs)	2020/11/17	106	80 - 120	<0.0010	mg/kg	NC	40		
A082972	Total (Wet Wt) Chromium (Cr)	2020/11/17	105	80 - 120	<0.025	mg/kg	NC	40	77	75 - 125
A082972	Total (Wet Wt) Cobalt (Co)	2020/11/17	106	80 - 120	<0.0013	mg/kg	NC	40	91	75 - 125
A082972	Total (Wet Wt) Copper (Cu)	2020/11/17	103	80 - 120	<0.013	mg/kg	NC	40	87	75 - 125
A082972	Total (Wet Wt) Iron (Fe)	2020/11/17	109	80 - 120	<0.25	mg/kg	NC	40	96	75 - 125
A082972	Total (Wet Wt) Lanthanum (La)	2020/11/17	107	80 - 120	<0.010	mg/kg	NC	40		
A082972	Total (Wet Wt) Lead (Pb)	2020/11/17	106	80 - 120	<0.0013	mg/kg	NC	40	59 (1)	75 - 125
A082972	Total (Wet Wt) Lithium (Li)	2020/11/17	103	80 - 120	<0.10	mg/kg	NC	40	82	75 - 125
A082972	Total (Wet Wt) Magnesium (Mg)	2020/11/17	110	80 - 120	<0.40	mg/kg	NC	40		
A082972	Total (Wet Wt) Manganese (Mn)	2020/11/17	105	80 - 120	<0.010	mg/kg	NC	40		
A082972	Total (Wet Wt) Mercury (Hg)	2020/11/17	108	80 - 120	<0.013	mg/kg	NC	40	90	75 - 125
A082972	Total (Wet Wt) Molybdenum (Mo)	2020/11/17	108	80 - 120	<0.0080	mg/kg	NC	40	96	75 - 125
A082972	Total (Wet Wt) Nickel (Ni)	2020/11/17	106	80 - 120	<0.010	mg/kg	NC	40	89	75 - 125
A082972	Total (Wet Wt) Phosphorus (P)	2020/11/17	103	80 - 120	<2.0	mg/kg	NC	40	97	75 - 125
A082972	Total (Wet Wt) Potassium (K)	2020/11/17	107	80 - 120	<2.5	mg/kg	NC	40		
A082972	Total (Wet Wt) Rubidium (Rb)	2020/11/17	109	80 - 120	<0.010	mg/kg	NC	40		
A082972	Total (Wet Wt) Selenium (Se)	2020/11/17	106	80 - 120	<0.010	mg/kg	NC	40	101	75 - 125
A082972	Total (Wet Wt) Silicon (Si)	2020/11/17	105	80 - 120	<50	mg/kg	NC	40		
A082972	Total (Wet Wt) Silver (Ag)	2020/11/17	105	80 - 120	<0.0013	mg/kg	NC	40		
A082972	Total (Wet Wt) Sodium (Na)	2020/11/17	108	80 - 120	<2.5	mg/kg	NC	40	100	75 - 125
A082972	Total (Wet Wt) Strontium (Sr)	2020/11/17	111	80 - 120	<0.013	mg/kg	NC	60		
A082972	Total (Wet Wt) Sulphur (S)	2020/11/17	105	80 - 120	<50	mg/kg	NC	40		
A082972	Total (Wet Wt) Tellurium (Te)	2020/11/17	106	80 - 120	<0.0040	mg/kg	NC	40		
A082972	Total (Wet Wt) Thallium (Tl)	2020/11/17	109	80 - 120	<0.00040	mg/kg	NC	40		
A082972	Total (Wet Wt) Thorium (Th)	2020/11/17	114	80 - 120	<0.0025	mg/kg	NC	40		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A082972	Total (Wet Wt) Tin (Sn)	2020/11/17	92	80 - 120	<0.020	mg/kg	NC	40	203 (1)	75 - 125
A082972	Total (Wet Wt) Titanium (Ti)	2020/11/17	108	80 - 120	<0.13	mg/kg	NC	40		
A082972	Total (Wet Wt) Tungsten (W)	2020/11/17	104	80 - 120	<0.0050	mg/kg	NC	40		
A082972	Total (Wet Wt) Uranium (U)	2020/11/17	111	80 - 120	<0.00040	mg/kg	NC	40	96	75 - 125
A082972	Total (Wet Wt) Vanadium (V)	2020/11/17	104	80 - 120	<0.020	mg/kg	NC	40		
A082972	Total (Wet Wt) Zinc (Zn)	2020/11/17	110	80 - 120	<0.20	mg/kg	NC	40	90	75 - 125
A082972	Total (Wet Wt) Zirconium (Zr)	2020/11/17	111	80 - 120	<0.040	mg/kg	NC	40		
A082978	Total (Wet Wt) Aluminum (Al)	2020/11/24	109	80 - 120	<0.50	mg/kg			98	75 - 125
A082978	Total (Wet Wt) Antimony (Sb)	2020/11/24	109	80 - 120	<0.0020	mg/kg				
A082978	Total (Wet Wt) Arsenic (As)	2020/11/24	104	80 - 120	<0.0050	mg/kg			95	75 - 125
A082978	Total (Wet Wt) Barium (Ba)	2020/11/24	109	80 - 120	<0.010	mg/kg				
A082978	Total (Wet Wt) Beryllium (Be)	2020/11/24	103	80 - 120	<0.0020	mg/kg				
A082978	Total (Wet Wt) Bismuth (Bi)	2020/11/24	104	80 - 120	<0.0013	mg/kg				
A082978	Total (Wet Wt) Boron (B)	2020/11/24	105	80 - 120	<0.20	mg/kg				
A082978	Total (Wet Wt) Cadmium (Cd)	2020/11/24	104	80 - 120	<0.0013	mg/kg			93	75 - 125
A082978	Total (Wet Wt) Calcium (Ca)	2020/11/24	104	80 - 120	<4.0	mg/kg				
A082978	Total (Wet Wt) Cesium (Cs)	2020/11/24	105	80 - 120	<0.0010	mg/kg				
A082978	Total (Wet Wt) Chromium (Cr)	2020/11/24	105	80 - 120	<0.025	mg/kg			74 (2)	75 - 125
A082978	Total (Wet Wt) Cobalt (Co)	2020/11/24	103	80 - 120	<0.0013	mg/kg			86	75 - 125
A082978	Total (Wet Wt) Copper (Cu)	2020/11/24	100	80 - 120	<0.013	mg/kg			86	75 - 125
A082978	Total (Wet Wt) Iron (Fe)	2020/11/24	112	80 - 120	<0.25	mg/kg			91	75 - 125
A082978	Total (Wet Wt) Lanthanum (La)	2020/11/24	107	80 - 120	<0.010	mg/kg				
A082978	Total (Wet Wt) Lead (Pb)	2020/11/24	103	80 - 120	<0.0013	mg/kg			57 (2)	75 - 125
A082978	Total (Wet Wt) Lithium (Li)	2020/11/24	104	80 - 120	<0.10	mg/kg			79	75 - 125
A082978	Total (Wet Wt) Magnesium (Mg)	2020/11/24	104	80 - 120	<0.40	mg/kg				
A082978	Total (Wet Wt) Manganese (Mn)	2020/11/24	106	80 - 120	<0.010	mg/kg				
A082978	Total (Wet Wt) Mercury (Hg)	2020/11/24	110	80 - 120	<0.013	mg/kg			91	75 - 125
A082978	Total (Wet Wt) Molybdenum (Mo)	2020/11/24	107	80 - 120	<0.0080	mg/kg			89	75 - 125
A082978	Total (Wet Wt) Nickel (Ni)	2020/11/24	104	80 - 120	<0.010	mg/kg			81	75 - 125
A082978	Total (Wet Wt) Phosphorus (P)	2020/11/24	100	80 - 120	<2.0	mg/kg			90	75 - 125
A082978	Total (Wet Wt) Potassium (K)	2020/11/24	103	80 - 120	<2.5	mg/kg				
A082978	Total (Wet Wt) Rubidium (Rb)	2020/11/24	106	80 - 120	<0.010	mg/kg				
A082978	Total (Wet Wt) Selenium (Se)	2020/11/24	105	80 - 120	<0.010	mg/kg			98	75 - 125

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BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A082978	Total (Wet Wt) Silicon (Si)	2020/11/24	111	80 - 120	<50	mg/kg				
A082978	Total (Wet Wt) Silver (Ag)	2020/11/24	102	80 - 120	<0.0013	mg/kg				
A082978	Total (Wet Wt) Sodium (Na)	2020/11/24	104	80 - 120	<2.5	mg/kg			93	75 - 125
A082978	Total (Wet Wt) Strontium (Sr)	2020/11/24	108	80 - 120	<0.013	mg/kg				
A082978	Total (Wet Wt) Sulphur (S)	2020/11/24	100	80 - 120	<50	mg/kg				
A082978	Total (Wet Wt) Tellurium (Te)	2020/11/24	99	80 - 120	<0.0040	mg/kg				
A082978	Total (Wet Wt) Thallium (Tl)	2020/11/24	107	80 - 120	<0.00040	mg/kg				
A082978	Total (Wet Wt) Thorium (Th)	2020/11/24	111	80 - 120	<0.0025	mg/kg				
A082978	Total (Wet Wt) Tin (Sn)	2020/11/24	106	80 - 120	<0.020	mg/kg			125	75 - 125
A082978	Total (Wet Wt) Titanium (Ti)	2020/11/24	107	80 - 120	<0.13	mg/kg				
A082978	Total (Wet Wt) Tungsten (W)	2020/11/24	102	80 - 120	<0.0050	mg/kg				
A082978	Total (Wet Wt) Uranium (U)	2020/11/24	107	80 - 120	<0.00040	mg/kg			86	75 - 125
A082978	Total (Wet Wt) Vanadium (V)	2020/11/24	104	80 - 120	<0.020	mg/kg				
A082978	Total (Wet Wt) Zinc (Zn)	2020/11/24	108	80 - 120	<0.20	mg/kg			88	75 - 125
A082978	Total (Wet Wt) Zirconium (Zr)	2020/11/24	103	80 - 120	<0.040	mg/kg				
A085444	Total (Wet Wt) Aluminum (Al)	2020/11/18	103	80 - 120	<0.50	mg/kg			94	75 - 125
A085444	Total (Wet Wt) Antimony (Sb)	2020/11/18	103	80 - 120	<0.0020	mg/kg				
A085444	Total (Wet Wt) Arsenic (As)	2020/11/18	96	80 - 120	<0.0050	mg/kg			90	75 - 125
A085444	Total (Wet Wt) Barium (Ba)	2020/11/18	103	80 - 120	<0.010	mg/kg				
A085444	Total (Wet Wt) Beryllium (Be)	2020/11/18	95	80 - 120	<0.0020	mg/kg				
A085444	Total (Wet Wt) Bismuth (Bi)	2020/11/18	100	80 - 120	<0.0013	mg/kg				
A085444	Total (Wet Wt) Boron (B)	2020/11/18	99	80 - 120	<0.20	mg/kg				
A085444	Total (Wet Wt) Cadmium (Cd)	2020/11/18	97	80 - 120	<0.0013	mg/kg			90	75 - 125
A085444	Total (Wet Wt) Calcium (Ca)	2020/11/18	97	80 - 120	<4.0	mg/kg				
A085444	Total (Wet Wt) Cesium (Cs)	2020/11/18	97	80 - 120	<0.0010	mg/kg				
A085444	Total (Wet Wt) Chromium (Cr)	2020/11/18	97	80 - 120	<0.025	mg/kg			73 (1)	75 - 125
A085444	Total (Wet Wt) Cobalt (Co)	2020/11/18	100	80 - 120	<0.0013	mg/kg			85	75 - 125
A085444	Total (Wet Wt) Copper (Cu)	2020/11/18	99	80 - 120	<0.013	mg/kg			83	75 - 125
A085444	Total (Wet Wt) Iron (Fe)	2020/11/18	106	80 - 120	<0.25	mg/kg			87	75 - 125
A085444	Total (Wet Wt) Lanthanum (La)	2020/11/18	98	80 - 120	<0.010	mg/kg				
A085444	Total (Wet Wt) Lead (Pb)	2020/11/18	100	80 - 120	<0.0013	mg/kg			50 (1)	75 - 125
A085444	Total (Wet Wt) Lithium (Li)	2020/11/18	96	80 - 120	<0.10	mg/kg			81	75 - 125
A085444	Total (Wet Wt) Magnesium (Mg)	2020/11/18	103	80 - 120	<0.40	mg/kg				

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BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A085444	Total (Wet Wt) Manganese (Mn)	2020/11/18	99	80 - 120	<0.010	mg/kg				
A085444	Total (Wet Wt) Mercury (Hg)	2020/11/18	102	80 - 120	<0.013	mg/kg			86	75 - 125
A085444	Total (Wet Wt) Molybdenum (Mo)	2020/11/18	104	80 - 120	<0.0080	mg/kg			85	75 - 125
A085444	Total (Wet Wt) Nickel (Ni)	2020/11/18	101	80 - 120	<0.010	mg/kg			77	75 - 125
A085444	Total (Wet Wt) Phosphorus (P)	2020/11/18	98	80 - 120	<2.0	mg/kg			89	75 - 125
A085444	Total (Wet Wt) Potassium (K)	2020/11/18	100	80 - 120	<2.5	mg/kg				
A085444	Total (Wet Wt) Rubidium (Rb)	2020/11/18	95	80 - 120	<0.010	mg/kg				
A085444	Total (Wet Wt) Selenium (Se)	2020/11/18	95	80 - 120	<0.010	mg/kg			92	75 - 125
A085444	Total (Wet Wt) Silicon (Si)	2020/11/18	103	80 - 120	<50	mg/kg				
A085444	Total (Wet Wt) Silver (Ag)	2020/11/18	97	80 - 120	<0.0013	mg/kg				
A085444	Total (Wet Wt) Sodium (Na)	2020/11/18	102	80 - 120	<2.5	mg/kg			91	75 - 125
A085444	Total (Wet Wt) Strontium (Sr)	2020/11/18	96	80 - 120	<0.013	mg/kg				
A085444	Total (Wet Wt) Sulphur (S)	2020/11/18	95	80 - 120	<50	mg/kg				
A085444	Total (Wet Wt) Tellurium (Te)	2020/11/18	96	80 - 120	<0.0040	mg/kg				
A085444	Total (Wet Wt) Thallium (Tl)	2020/11/18	101	80 - 120	<0.00040	mg/kg				
A085444	Total (Wet Wt) Thorium (Th)	2020/11/18	97	80 - 120	<0.0025	mg/kg				
A085444	Total (Wet Wt) Tin (Sn)	2020/11/18	100	80 - 120	<0.020	mg/kg			107	75 - 125
A085444	Total (Wet Wt) Titanium (Ti)	2020/11/18	99	80 - 120	<0.13	mg/kg				
A085444	Total (Wet Wt) Tungsten (W)	2020/11/18	100	80 - 120	<0.0050	mg/kg				
A085444	Total (Wet Wt) Uranium (U)	2020/11/18	104	80 - 120	<0.00040	mg/kg			80	75 - 125
A085444	Total (Wet Wt) Vanadium (V)	2020/11/18	97	80 - 120	<0.020	mg/kg				
A085444	Total (Wet Wt) Zinc (Zn)	2020/11/18	97	80 - 120	<0.20	mg/kg			84	75 - 125
A085444	Total (Wet Wt) Zirconium (Zr)	2020/11/18	93	80 - 120	<0.040	mg/kg				
A088467	Total (Wet Wt) Aluminum (Al)	2020/11/24	100	80 - 120	<0.50	mg/kg			93	75 - 125
A088467	Total (Wet Wt) Antimony (Sb)	2020/11/24	100	80 - 120	<0.0020	mg/kg				
A088467	Total (Wet Wt) Arsenic (As)	2020/11/24	97	80 - 120	<0.0050	mg/kg			90	75 - 125
A088467	Total (Wet Wt) Barium (Ba)	2020/11/24	101	80 - 120	<0.010	mg/kg				
A088467	Total (Wet Wt) Beryllium (Be)	2020/11/24	96	80 - 120	<0.0020	mg/kg				
A088467	Total (Wet Wt) Bismuth (Bi)	2020/11/24	97	80 - 120	<0.0013	mg/kg				
A088467	Total (Wet Wt) Boron (B)	2020/11/24	96	80 - 120	<0.20	mg/kg				
A088467	Total (Wet Wt) Cadmium (Cd)	2020/11/24	96	80 - 120	<0.0013	mg/kg			91	75 - 125
A088467	Total (Wet Wt) Calcium (Ca)	2020/11/24	97	80 - 120	<4.0	mg/kg				
A088467	Total (Wet Wt) Cesium (Cs)	2020/11/24	98	80 - 120	<0.0010	mg/kg				

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A088467	Total (Wet Wt) Chromium (Cr)	2020/11/24	95	80 - 120	<0.025	mg/kg			73 (2)	75 - 125
A088467	Total (Wet Wt) Cobalt (Co)	2020/11/24	94	80 - 120	<0.0013	mg/kg			84	75 - 125
A088467	Total (Wet Wt) Copper (Cu)	2020/11/24	93	80 - 120	<0.013	mg/kg			81	75 - 125
A088467	Total (Wet Wt) Iron (Fe)	2020/11/24	103	80 - 120	<0.25	mg/kg			85	75 - 125
A088467	Total (Wet Wt) Lanthanum (La)	2020/11/24	97	80 - 120	<0.010	mg/kg				
A088467	Total (Wet Wt) Lead (Pb)	2020/11/24	96	80 - 120	<0.0013	mg/kg			53 (2)	75 - 125
A088467	Total (Wet Wt) Lithium (Li)	2020/11/24	96	80 - 120	<0.10	mg/kg			80	75 - 125
A088467	Total (Wet Wt) Magnesium (Mg)	2020/11/24	99	80 - 120	<0.40	mg/kg				
A088467	Total (Wet Wt) Manganese (Mn)	2020/11/24	97	80 - 120	<0.010	mg/kg				
A088467	Total (Wet Wt) Mercury (Hg)	2020/11/24	96	80 - 120	<0.013	mg/kg			86	75 - 125
A088467	Total (Wet Wt) Molybdenum (Mo)	2020/11/24	100	80 - 120	<0.0080	mg/kg			87	75 - 125
A088467	Total (Wet Wt) Nickel (Ni)	2020/11/24	95	80 - 120	<0.010	mg/kg			77	75 - 125
A088467	Total (Wet Wt) Phosphorus (P)	2020/11/24	97	80 - 120	<2.0	mg/kg			86	75 - 125
A088467	Total (Wet Wt) Potassium (K)	2020/11/24	98	80 - 120	<2.5	mg/kg				
A088467	Total (Wet Wt) Rubidium (Rb)	2020/11/24	100	80 - 120	<0.010	mg/kg				
A088467	Total (Wet Wt) Selenium (Se)	2020/11/24	97	80 - 120	<0.010	mg/kg			93	75 - 125
A088467	Total (Wet Wt) Silicon (Si)	2020/11/24	98	80 - 120	<50	mg/kg				
A088467	Total (Wet Wt) Silver (Ag)	2020/11/24	94	80 - 120	<0.0013	mg/kg				
A088467	Total (Wet Wt) Sodium (Na)	2020/11/24	99	80 - 120	<2.5	mg/kg			91	75 - 125
A088467	Total (Wet Wt) Strontium (Sr)	2020/11/24	100	80 - 120	<0.013	mg/kg				
A088467	Total (Wet Wt) Sulphur (S)	2020/11/24	96	80 - 120	<50	mg/kg				
A088467	Total (Wet Wt) Tellurium (Te)	2020/11/24	93	80 - 120	<0.0040	mg/kg				
A088467	Total (Wet Wt) Thallium (Tl)	2020/11/24	99	80 - 120	<0.00040	mg/kg				
A088467	Total (Wet Wt) Thorium (Th)	2020/11/24	99	80 - 120	<0.0025	mg/kg				
A088467	Total (Wet Wt) Tin (Sn)	2020/11/24	97	80 - 120	<0.020	mg/kg			120	75 - 125
A088467	Total (Wet Wt) Titanium (Ti)	2020/11/24	99	80 - 120	<0.13	mg/kg				
A088467	Total (Wet Wt) Tungsten (W)	2020/11/24	95	80 - 120	<0.0050	mg/kg				
A088467	Total (Wet Wt) Uranium (U)	2020/11/24	100	80 - 120	<0.00040	mg/kg			91	75 - 125
A088467	Total (Wet Wt) Vanadium (V)	2020/11/24	96	80 - 120	<0.020	mg/kg				
A088467	Total (Wet Wt) Zinc (Zn)	2020/11/24	98	80 - 120	<0.20	mg/kg			83	75 - 125

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

			Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A088467	Total (Wet Wt) Zirconium (Zr)	2020/11/24	97	80 - 120	<0.040	mg/kg				

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Reference outside acceptance criteria - re-analysis yields similar results.

(2) Reference outside acceptance criteria due to digestion limitation. (10% of analytes failure allowed).

BV Labs - Partial/Rush Results

BV Labs - Partial/Rush Results

08486610

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Toll Free (800) 665 8566
Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
bvlabs.com

CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company :	Stantec	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby BC	Address:				Rush TAT (Surcharges will be applied)
	PC V5H 0C6		PC:	Project #:		☐ Same Day ☐ 2 Days
Phone/Fax:	778-872-4410	Phone/Fax:		Site Location:		☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:	matthew.deane@stantec.com	Copies:		Sampled By:		Rush Confirmation #:

Laboratory Use Only

	YES	NO				
Cooler ID			1			
Seal Present						
Seal Intact			Temp	7	7	8
Cooling Media						
Cooler ID			2			
Seal Present						
Seal Intact			Temp	5	6	5
Cooling Media						
Cooler ID			3	2	4	
Seal Present						
Seal Intact			Temp	8	8	7
Cooling Media				5	4	5

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Dissolved Mercury	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	Sulphate	TSS	TDS	BOD	COD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - USEPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LLD - DO NOT ANALYZE	Special Instructions
1	20LNG-CRAB-01 to 20LNG-CRAB-15			Tissue															X																X	X	X	X	X		
2	20VIL-CRAB-01 to 20VIL-CRAB-15			Tissue															X																X	X	X	X	X		
3	20ARM-CRAB-01 to 20ARM-CRAB-15			Tissue															X																X	X	X	X	X		
4																																											
5	20LNG-SOLE-01 to 20LNG-SOLE-15			Tissue															X																X	X	X	X	X		
6	20VIL-SOLE-01 to 20VIL-SOLE-15			Tissue															X																X	X	X	X	X		
7	20ARM-SOLE-01 to 20ARM-SOLE-15			Tissue															X																X	X	X	X	X		
8																																											
9																																											
10																																											

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at http://www.bvlabs.com/terms-and-conditions

Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	BV Labs #
Rick Lee	2020/09/02		<Original signed by>	2020/09/04	09:00	

COC-1020

C056320_COC

BV Labs - Partial/Rush Results

08486614

Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Toll Free (800) 665 8566
Victoria: 460 Tennyson Place, Unit 1, Victoria, BC V8Z 6S8 Toll Free (866) 385-6112
bvlabs.com

CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)		Project Information		Turnaround Time (TAT) Required
Company:	Stantec	Company:		Quotation		☑ 5 - 7 Days Regular (Most analyses)
Contact Name:	Rick Lee	Contact Name:		P.O. #/AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	#500 - 4730 Kingsway, Burnaby BC	Address:				Rush TAT (Surcharges will be applied)
	PC V5H 0C6		PC:	Project #:		☐ Same Day ☐ 2 Days
Phone/Fax:	778-872-4410	Phone/Fax:		Site Location:		☐ 1 Day ☐ 3-4 Days
Email:	rick.lee@stantec.com	Email:		Site #:		Date Required:
Copies:	matthew.deane@stantec.com	Copies:		Sampled By:		Rush Confirmation #:

Laboratory Use Only

	YES	NO	Cooler ID			
Seal Present		✓				
Seal Intact		✓	Temp	7	7	8
Cooling Media	✓					
	YES	NO	Cooler ID	2		
Seal Present		✓				
Seal Intact		✓	Temp	5	6	5
Cooling Media	✓					
	YES	NO	Cooler ID	3	2	4
Seal Present		✓				
Seal Intact		✓	Temp	8	8	7
Cooling Media	✓			5	4	5

Depot Reception

Analysis Requested

Regulatory Criteria

☐ BC CSR
☐ YK CSR
☐ CCME
☐ Drinking Water
☐ BC Water Quality
☐ Other

	Sample Identification	Date Sampled (yyyy/mm/dd)	Time Sampled (hh:mm)	Matrix	# of Containers	BTEXS / VPH	VOC / BTEXS / VPH	MTBE	BTEX F1	VOC / BTEX / F1	PAH	LEPH / HEPH / PAH	EPH	TEH	F2 - F4	Dissolved Metals	Filtered?	Preserved?	Dissolved Mercury	Filtered?	Preserved?	Total Metals	Field Preserved?	Total Mercury	Field Preserved?	Chloride	Fluoride	TSS	BOD	COD	pH	Conductivity	Alkalinity	Nitrite	Nitrate	Ammonia	PAH - HRMS - CalEPA Method 429	PCB - HRMS - USEPA 1668A	Dioxins and Furans - HRMS - USEPA 1613B	Moisture Content	Lipid Content	LLD - DO NOT ANALYZE	Special Instructions
1	20LNG-HEP-16 to 20LNG-HEP-30			Tissue																		X														X			X	X		
2	20LNG-HEP-31 to 20LNG-HEP-45			Tissue																																X			X	X		
3	20LNG-HEP-46 to 20LNG-HEP-60			Tissue																																	X		X	X		
4	20ARM-HEP-16 to 20ARM-HEP-30			Tissue																		X														X			X	X		
5	20ARM-HEP-31 to 20ARM-HEP-45			Tissue																																X			X	X		
6	20ARM-HEP-46 to 20ARM-HEP-60			Tissue																																	X		X	X		
7	20VIL-HEP-16 to 20VIL-HEP-30			Tissue																		X														X			X	X		
8	20VIL-HEP-31 to 20VIL-HEP-45			Tissue																																X			X	X		
9	20VIL-HEP-17, 21, 24, 25, 26, 28, 29, 31, 32, 38, 39			Tissue																																		X				<-- These 2 rows include jars with a
10	20VIL-HEP-40, 41, 42, 43			Tissue																																		X				<-- star (*) on the top label

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at http://www.bvlabs.com/terms-and-conditions

Relinquished by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	Received by: (Signature/ Print)	Date (yyyy/mm/dd):	Time (hh:mm):	BV lob #
Rick Lee	2020/09/02		<Original signed by>	2020/09/04	09:00	

COC-1020

C056320_COC

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/22
Report #: R6528772
Version: 2 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Sample Matrix: Tissue
Samples Received: 210

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Percent Lipid Content (1)	15	2020/09/21	2020/09/21	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/10/11	2020/10/12	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	3	2020/10/11	2021/02/03	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/10/20	2020/10/20	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/10/25	2020/10/25	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/11/13	2020/11/13	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	8	2020/11/25	2020/11/25	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/11/30	2020/11/30	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	7	2020/12/01	2020/12/01	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2020/12/07	2020/12/07	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2021/01/08	2021/01/08	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2021/01/20	2021/01/20	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2021/01/22	2021/01/22	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	27	2021/02/03	2021/02/03	BRL SOP-00223	EPA 8290A, EPA 1668B
Percent Lipid Content (1)	15	2021/02/22	2021/02/22	BRL SOP-00223	EPA 8290A, EPA 1668B

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope

BV Labs - Partial/Rush Results

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/22
Report #: R6528772
Version: 2 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) Sample(s) analyzed using methodologies that have not been subjected to Bureau Veritas Laboratories' standard validation process for the submitted matrix and is not an Accredited method. Analysis performed with client consent, however results should be viewed with discretion

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Ronklin Gracian, Project Manager
Email: Ronklin.Gracian@bureauveritas.com
Phone# (905)817-5752
==========
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPY948	NPY967	NPY973	NPY974	NPY983	
Sampling Date							
	UNITS	20LNG-CRAB-01	20LNG-CRAB-02	20LNG-CRAB-03	20LNG-CRAB-04	20LNG-CRAB-05	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.80	0.30	0.60	0.70	0.40	6955156
QC Batch = Quality Control Batch							

BV Labs ID		NPY984	NPY991	NPY997	NPZ001	NPZ009	
Sampling Date							
	UNITS	20LNG-CRAB-06	20LNG-CRAB-07	20LNG-CRAB-08	20LNG-CRAB-09	20LNG-CRAB-10	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.90	0.80	0.50	0.60	0.90	6955156
QC Batch = Quality Control Batch							

BV Labs ID		NPZ011	NPZ013	NPZ024	NPZ046	NPZ056	
Sampling Date							
	UNITS	20LNG-CRAB-11	20LNG-CRAB-12	20LNG-CRAB-13	20LNG-CRAB-14	20LNG-CRAB-15	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.1	0.70	0.60	0.60	0.80	6955156
QC Batch = Quality Control Batch							

BV Labs ID		NPZ068	NPZ073	NPZ081	NPZ095	NPZ111	NPZ122	
Sampling Date								
	UNITS	20LNG-HEP-16	20LNG-HEP-17	20LNG-HEP-18	20LNG-HEP-19	20LNG-HEP-20	20LNG-HEP-21	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	10	17	1.1	5.5	12	3.1	7019492
QC Batch = Quality Control Batch								

BV Labs ID		NPZ134	NPZ147	NPZ159	NPZ172	NPZ184	NPZ195	
Sampling Date								
	UNITS	20LNG-HEP-22	20LNG-HEP-23	20LNG-HEP-24	20LNG-HEP-25	20LNG-HEP-26	20LNG-HEP-27	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	5.3	4.7	2.9	13	9.2	4.6	7019492
QC Batch = Quality Control Batch								

BV Labs ID		NPZ210	NPZ223	NPZ234		NPZ235	NPZ257	
Sampling Date								
	UNITS	20LNG-HEP-28	20LNG-HEP-29	20LNG-HEP-30	QC Batch	20LNG-HEP-31	20LNG-HEP-32	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	8.7	9.0	6.0	7019492	7.3	5.3	7182189
QC Batch = Quality Control Batch								

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ258	NPZ262	NPZ263	NPZ264	NPZ265	NPZ267	
Sampling Date								
	UNITS	20LNG-HEP-33	20LNG-HEP-34	20LNG-HEP-35	20LNG-HEP-36	20LNG-HEP-37	20LNG-HEP-38	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	2.1	7.0	6.1	7.0	8.1	5.7	7182189
QC Batch = Quality Control Batch								

BV Labs ID		NPZ268	NPZ272	NPZ288	NPZ289	NPZ290	NPZ291	
Sampling Date								
	UNITS	20LNG-HEP-39	20LNG-HEP-40	20LNG-HEP-41	20LNG-HEP-42	20LNG-HEP-43	20LNG-HEP-44	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	10	2.6	8.7	18	5.4	3.6	7182189
QC Batch = Quality Control Batch								

BV Labs ID		NPZ292		NPZ301	NPZ302	NPZ303	NPZ304	
Sampling Date								
	UNITS	20LNG-HEP-45	QC Batch	20LNG-HEP-46	20LNG-HEP-47	20LNG-HEP-48	20LNG-HEP-49	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	5.8	7182189	7.7	11	3.0	4.1	7211223
QC Batch = Quality Control Batch								

BV Labs ID		NPZ305	NPZ306	NPZ307	NPZ308	NPZ309	NPZ310	
Sampling Date								
	UNITS	20LNG-HEP-50	20LNG-HEP-51	20LNG-HEP-52	20LNG-HEP-53	20LNG-HEP-54	20LNG-HEP-55	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.90	3.4	8.0	6.6	6.0	7.8	7211223
QC Batch = Quality Control Batch								

BV Labs ID		NPZ311	NPZ315	NPZ340	NPZ359	NPZ360	
Sampling Date							
	UNITS	20LNG-HEP-56	20LNG-HEP-57	20LNG-HEP-58	20LNG-HEP-59	20LNG-HEP-60	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	9.0	16	5.8	11	1.8	7211223
QC Batch = Quality Control Batch							

BV Labs ID		NPZ361	NPZ362	NPZ363	NPZ367	NPZ371	NPZ374	
Sampling Date								
	UNITS	20LNG-SOLE-01	20LNG-SOLE-02	20LNG-SOLE-03	20LNG-SOLE-04	20LNG-SOLE-05	20LNG-SOLE-06	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.60	0.90	0.80	0.90	0.60	0.70	6995865
QC Batch = Quality Control Batch								

BV Labs - Partial/Rush Results

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ377	NPZ378	NPZ394	NPZ395	NPZ396	NPZ398	
Sampling Date								
	UNITS	20LNG-SOLE-07	20LNG-SOLE-08	20LNG-SOLE-09	20LNG-SOLE-10	20LNG-SOLE-11	20LNG-SOLE-12	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.80	0.70	0.80	0.30	0.80	1.0	6995865
QC Batch = Quality Control Batch								

BV Labs ID		NPZ419	NPZ425	NPZ433		NPZ441	NPZ442	
Sampling Date								
	UNITS	20LNG-SOLE-13	20LNG-SOLE-14	20LNG-SOLE-15	QC Batch	20VIL-CRAB-01	20VIL-CRAB-02	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.80	0.60	1.0	6995865	0.70	0.60	7009743
QC Batch = Quality Control Batch								

BV Labs ID		NPZ443	NPZ447	NPZ448	NPZ449	NPZ497	NPZ498	
Sampling Date								
	UNITS	20VIL-CRAB-03	20VIL-CRAB-04	20VIL-CRAB-05	20VIL-CRAB-06	20VIL-CRAB-07	20VIL-CRAB-08	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.90	0.90	0.50	0.40	0.30	0.50	7009743
QC Batch = Quality Control Batch								

BV Labs ID		NPZ520	NPZ549	NPZ551	NPZ565	NPZ567	NPZ572	
Sampling Date								
	UNITS	20VIL-CRAB-09	20VIL-CRAB-10	20VIL-CRAB-11	20VIL-CRAB-12	20VIL-CRAB-13	20VIL-CRAB-14	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.50	0.70	0.50	0.60	0.60	0.60	7009743
QC Batch = Quality Control Batch								

BV Labs ID		NPZ585		NPZ588		NPZ590		NPZ591	
Sampling Date									
	UNITS	20VIL-CRAB-15	QC Batch	20VIL-HEP-16	QC Batch	20VIL-HEP-17	QC Batch	20VIL-HEP-18	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	0.60	7009743	8.7	7074878	22	7055058	8.4	7074878
QC Batch = Quality Control Batch									

BV Labs ID		NPZ593	NPZ594		NPZ595		NPZ596	NPZ598	
Sampling Date									
	UNITS	20VIL-HEP-19	20VIL-HEP-20	QC Batch	20VIL-HEP-21	QC Batch	20VIL-HEP-22	20VIL-HEP-23	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	7.2	5.0	7074878	3.6	7055058	6.2	2.3	7074878
QC Batch = Quality Control Batch									

BV Labs - Partial/Rush Results

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ599	NPZ600	NPZ604		NPZ605		NPZ606	
Sampling Date									
	UNITS	20VIL-HEP-24	20VIL-HEP-25	20VIL-HEP-26	QC Batch	20VIL-HEP-27	QC Batch	20VIL-HEP-28	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	11	11	13	7055058	3.2	7074878	4.5	7055058
QC Batch = Quality Control Batch									

BV Labs ID		NPZ607		NPZ609		NPZ615	NPZ626	
Sampling Date								
	UNITS	20VIL-HEP-29	QC Batch	20VIL-HEP-30	QC Batch	20VIL-HEP-31	20VIL-HEP-32	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	16	7055058	5.7	7074878	15	6.9	7055058
QC Batch = Quality Control Batch								

BV Labs ID		NPZ638	NPZ640	NPZ642	NPZ652	NPZ667		NPZ683	
Sampling Date									
	UNITS	20VIL-HEP-33	20VIL-HEP-34	20VIL-HEP-35	20VIL-HEP-36	20VIL-HEP-37	QC Batch	20VIL-HEP-38	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	7.6	5.1	8.1	13	7.6	7084632	13	7055058
QC Batch = Quality Control Batch									

BV Labs ID		NPZ695	NPZ703	NPZ706	NPZ707	NPZ722		NPZ723	
Sampling Date									
	UNITS	20VIL-HEP-39	20VIL-HEP-40	20VIL-HEP-41	20VIL-HEP-42	20VIL-HEP-43	QC Batch	20VIL-HEP-44	QC Batch
Miscellaneous Parameters									
Fat (gravimetric)	%	11	13	13	3.5	9.3	7055058	7.2	7084632
QC Batch = Quality Control Batch									

BV Labs ID		NPZ729		NPZ736	NPZ779	NPZ780	NPZ781	
Sampling Date								
	UNITS	20VIL-HEP-45	QC Batch	20VIL-SOLE-01	20VIL-SOLE-02	20VIL-SOLE-03	20VIL-SOLE-04	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	9.0	7084632	0.60	0.60	0.30	0.50	7083150
QC Batch = Quality Control Batch								

BV Labs ID		NPZ783	NPZ784	NPZ808	NPZ822	NPZ827	NPZ834	
Sampling Date								
	UNITS	20VIL-SOLE-05	20VIL-SOLE-06	20VIL-SOLE-07	20VIL-SOLE-08	20VIL-SOLE-09	20VIL-SOLE-10	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	0.60	0.50	0.60	0.50	0.60	0.50	7083150
QC Batch = Quality Control Batch								

BV Labs - Partial/Rush Results

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ850	NPZ860	NPZ863	NPZ864	NPZ891	
Sampling Date							
	UNITS	20VIL-SOLE-11	20VIL-SOLE-12	20VIL-SOLE-13	20VIL-SOLE-14	20VIL-SOLE-15	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.40	0.40	0.30	0.60	0.50	7083150
QC Batch = Quality Control Batch							

BV Labs ID		NPZ897	NPZ900	NPZ903	NPZ908	NPZ909	
Sampling Date							
	UNITS	20ARM-CRAB-01	20ARM-CRAB-02	20ARM-CRAB-03	20ARM-CRAB-04	20ARM-CRAB-05	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.20	0.20	0.10	0.20	0.20	7141546
QC Batch = Quality Control Batch							

BV Labs ID		NPZ910	NPZ912	NPZ951	NQA008	NQA036	
Sampling Date							
	UNITS	20ARM-CRAB-06	20ARM-CRAB-07	20ARM-CRAB-08	20ARM-CRAB-09	20ARM-CRAB-10	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.10	0.20	0	0.10	0	7141546
QC Batch = Quality Control Batch							

BV Labs ID		NQA062	NQA063	NQA075	NQA081	NQA086	
Sampling Date							
	UNITS	20ARM-CRAB-11	20ARM-CRAB-12	20ARM-CRAB-13	20ARM-CRAB-14	20ARM-CRAB-15	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.40	0.30	0.10	0.30	0.20	7141546
QC Batch = Quality Control Batch							

BV Labs ID		NQA099	NQA100	NQA101	NQA102	NQA103	NQA119	
Sampling Date								
	UNITS	20ARM-HEP-16	20ARM-HEP-17	20ARM-HEP-18	20ARM-HEP-19	20ARM-HEP-20	20ARM-HEP-21	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	2.6	6.3	1.6	11	12	3.6	7182130
QC Batch = Quality Control Batch								

BV Labs ID		NQA136	NQA137	NQA138	NQA160	NQA161	NQA162	
Sampling Date								
	UNITS	20ARM-HEP-22	20ARM-HEP-23	20ARM-HEP-24	20ARM-HEP-25	20ARM-HEP-26	20ARM-HEP-27	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	9.9	1.2	1.6	13	1.6	1.0	7182130
QC Batch = Quality Control Batch								

BV Labs - Partial/Rush Results

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA164	NQA165	NQA166		NQA167	NQA180	
Sampling Date								
	UNITS	20ARM-HEP-28	20ARM-HEP-29	20ARM-HEP-30	QC Batch	20ARM-HEP-31	20ARM-HEP-32	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	3.7	4.5	2.2	7182130	3.2	8.5	7163415
QC Batch = Quality Control Batch								

BV Labs ID		NQA181	NQA182	NQA184	NQA190	NQA191	NQA192	
Sampling Date								
	UNITS	20ARM-HEP-33	20ARM-HEP-34	20ARM-HEP-35	20ARM-HEP-36	20ARM-HEP-37	20ARM-HEP-38	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	6.6	3.3	10	5.3	3.8	7.3	7163415
QC Batch = Quality Control Batch								

BV Labs ID		NQA193	NQA194	NQA205	NQA206	NQA208	NQA209	
Sampling Date								
	UNITS	20ARM-HEP-39	20ARM-HEP-40	20ARM-HEP-41	20ARM-HEP-42	20ARM-HEP-43	20ARM-HEP-44	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	7.4	7.2	3.8	1.7	0.70	5.2	7163415
QC Batch = Quality Control Batch								

BV Labs ID		NQA210		NQA219	NQA221	NQA222	
Sampling Date							
	UNITS	20ARM-HEP-45	QC Batch	20ARM-HEP-46	20ARM-HEP-47	20ARM-HEP-48	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	14	7163415	5.6	4.7	7.0	7158992
QC Batch = Quality Control Batch							

BV Labs ID		NQA223		NQA224	NQA225	NQA226	NQA227	
Sampling Date								
	UNITS	20ARM-HEP-49	QC Batch	20ARM-HEP-50	20ARM-HEP-51	20ARM-HEP-52	20ARM-HEP-53	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	10	7159431	3.3	3.7	1.2	5.0	7158992
QC Batch = Quality Control Batch								

BV Labs ID		NQA228	NQA229	NQA230	NQA231	NQA234	NQA240	
Sampling Date								
	UNITS	20ARM-HEP-54	20ARM-HEP-55	20ARM-HEP-56	20ARM-HEP-57	20ARM-HEP-58	20ARM-HEP-59	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	4.7	6.2	14	16	8.4	2.4	7158992
QC Batch = Quality Control Batch								

BV Labs - Partial/Rush Results

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA241		NQA242	NQA243	NQA258	NQA266	
Sampling Date								
	UNITS	20ARM-HEP-60	QC Batch	20ARM-SOLE-01	20ARM-SOLE-02	20ARM-SOLE-03	20ARM-SOLE-04	QC Batch
Miscellaneous Parameters								
Fat (gravimetric)	%	6.1	7158992	0.40	0.40	0.60	0.80	7095362
QC Batch = Quality Control Batch								

BV Labs ID		NQA285	NQA316	NQA353	NQA394	NQA426	
Sampling Date							
	UNITS	20ARM-SOLE-05	20ARM-SOLE-06	20ARM-SOLE-07	20ARM-SOLE-08	20ARM-SOLE-09	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	1.4	0.60	0.20	0.40	0.30	7095362
QC Batch = Quality Control Batch							

BV Labs ID		NQA440	NQA441	NQA449	NQA450	NQA463	
Sampling Date							
	UNITS	20ARM-SOLE-10	20ARM-SOLE-11	20ARM-SOLE-12	20ARM-SOLE-13	20ARM-SOLE-14	QC Batch
Miscellaneous Parameters							
Fat (gravimetric)	%	0.30	0.40	0.30	0.60	0.30	7095362
QC Batch = Quality Control Batch							

BV Labs ID		NQA470	
Sampling Date			
	UNITS	20ARM-SOLE-15	QC Batch
Miscellaneous Parameters			
Fat (gravimetric)	%	0.30	7095362
QC Batch = Quality Control Batch			

BV Labs - Partial/Rush Results

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GENERAL COMMENTS

For worksheets 6982339/696790/7055807:

Blank was found to contain numerous PCB congeners greater than the RDL. Glassware blank and proofing of materials and equipment used in the analysis of the PCB tissue samples were determined to be clean and not a contributor to the observed contamination. Please view results with caution.

A few native recoveries in the Spike were found to be above method criteria, due to the background in matrix used for blank and blank spike. No effect to sample results.

Sample NPZ235 [20LNG-HEP-31] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB188 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ257 [20LNG-HEP-32] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB188 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ291 [20LNG-HEP-44] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB179 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ292 [20LNG-HEP-45] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB179 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Results relate only to the items tested.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS

<Original signed by>

Melissa DiGrazia, Operations Manager, HRMS Department

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/24
Report #: R6531860
Version: 4 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Sample Matrix: Tissue
Samples Received: 135

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAHs in Tissue (CARB429mod)	2	2020/09/30	2020/10/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2020/09/30	2020/10/21	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	7	2020/09/30	2020/10/22	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2020/10/20	2020/11/03	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	12	2020/10/20	2020/11/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2020/10/28	2020/11/17	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	12	2020/10/28	2020/11/18	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	12	2020/11/04	2020/11/20	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2020/11/04	2020/11/21	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2020/11/18	2020/12/15	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	13	2020/11/18	2020/12/16	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2020/11/30	2020/12/31	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	13	2020/11/30	2021/01/01	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	10	2021/02/02	2021/02/12	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	3	2021/02/02	2021/02/18	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	2	2021/02/02	2021/02/19	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	15	2021/02/09	2021/02/19	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	6	2021/02/12	2021/02/23	BRL SOP-00423	CARB429 m
PAHs in Tissue (CARB429mod)	9	2021/02/12	2021/02/24	BRL SOP-00423	CARB429 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report.

BV Labs - Partial/Rush Results

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/24
Report #: R6531860
Version: 4 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Ronklin Gracian, Project Manager
Email: Ronklin.Gracian@bureauveritas.com
Phone# (905)817-5752
==========
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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPY948			NPY967			NPY973			
Sampling Date											
	UNITS	20LNG-CRAB-01	EDL	RDL	20LNG-CRAB-02	EDL	RDL	20LNG-CRAB-03	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.0505	0.0094	1.0	0.0918	0.0076	0.99	0.0990	0.0094	0.98	6999597
Naphthalene	ng/g	0.767	0.046	0.50	1.27	0.071	0.49	1.00	0.042	0.49	6999597
Acenaphthylene	ng/g	0.028	0.012	0.50	0.108	0.044	0.49	0.068	0.020	0.49	6999597
Acenaphthene	ng/g	0.140	0.014	0.50	1.60	0.032	0.49	0.700	0.015	0.49	6999597
Fluorene	ng/g	0.149	0.0085	0.50	0.371	0.016	0.49	0.247	0.028	0.49	6999597
Phenanthrene	ng/g	0.162	0.013	0.50	0.275	0.013	0.49	0.192	0.012	0.49	6999597
Anthracene	ng/g	0.053	0.014	0.50	0.068	0.014	0.49	0.069	0.013	0.49	6999597
Fluoranthene	ng/g	0.102	0.0088	0.50	0.150	0.0078	0.49	0.121	0.022	0.49	6999597
Pyrene	ng/g	0.0904	0.0083	0.50	0.129	0.0074	0.49	0.117	0.020	0.49	6999597
Benzo(a)anthracene	ng/g	0.033	0.010	0.50	0.0542	0.0072	0.49	0.0529	0.0075	0.49	6999597
Chrysene	ng/g	0.041	0.011	0.50	0.0759	0.0071	0.49	0.0497	0.0077	0.49	6999597
Benzo(k)fluoranthene	ng/g	0.024	0.011	0.50	0.0478	0.0089	0.49	0.046	0.011	0.49	6999597
Benzo(a)pyrene	ng/g	0.024	0.014	0.50	0.030	0.014	0.49	0.031	0.014	0.49	6999597
Indeno(1,2,3-cd)pyrene	ng/g	0.031	0.016	0.50	0.035	0.015	0.49	0.030	0.012	0.49	6999597
Dibenzo(a,h)anthracene	ng/g	0.039	0.015	0.50	0.029	0.011	0.49	<0.016	0.016	0.49	6999597
Benzo(g,h,i)perylene	ng/g	0.030	0.015	0.50	0.040	0.015	0.49	0.031	0.012	0.49	6999597
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	71			47			68			6999597
Benz(a)anthracene-2H12	%	96			92			96			6999597
Benzo(a)pyrene-2H12	%	86			76			90			6999597
Benzo(b)fluoranthene-2H12	%	86			90			86			6999597
Benzo(g,h,i)perylene-2H12	%	73			77			71			6999597
Benzo(k)fluoranthene-2H12	%	94			94			97			6999597
Chrysene-2H12	%	86			92			91			6999597
Dibenzo(a,h)anthracene-2H14	%	75			83			73			6999597
Fluoranthene-2H10	%	81			82			81			6999597
Indeno(1,2,3-c,d)pyrene-2H12	%	83			84			77			6999597
Naphthalene-2H8	%	58 (1)			56 (1)			53 (1)			6999597
Perylene-2H12	%	89			81			89			6999597
Phenanthrene-2H10	%	79			83			78			6999597

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPY974			NPY983			NPY984			
Sampling Date											
	UNITS	20LNG-CRAB-04	EDL	RDL	20LNG-CRAB-05	EDL	RDL	20LNG-CRAB-06	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.098	0.011	0.99	0.232	0.0043	1.0	0.127	0.0047	0.99	6999597
Naphthalene	ng/g	1.45	0.030	0.50	0.845	0.033	0.50	0.898	0.038	0.49	6999597
Acenaphthylene	ng/g	0.078	0.026	0.50	0.114	0.0083	0.50	0.311	0.016	0.49	6999597
Acenaphthene	ng/g	1.13	0.016	0.50	3.75	0.018	0.50	4.31	0.024	0.49	6999597
Fluorene	ng/g	0.593	0.020	0.50	2.60	0.042	0.50	0.447	0.017	0.49	6999597
Phenanthrene	ng/g	0.315	0.014	0.50	1.69	0.035	0.50	0.214	0.018	0.49	6999597
Anthracene	ng/g	0.159	0.016	0.50	0.759	0.038	0.50	0.175	0.020	0.49	6999597
Fluoranthene	ng/g	0.167	0.017	0.50	0.437	0.017	0.50	0.127	0.016	0.49	6999597
Pyrene	ng/g	0.157	0.016	0.50	0.428	0.016	0.50	0.135	0.015	0.49	6999597
Benzo(a)anthracene	ng/g	0.052	0.012	0.50	0.153	0.0096	0.50	0.076	0.011	0.49	6999597
Chrysene	ng/g	0.067	0.013	0.50	0.176	0.0099	0.50	0.072	0.011	0.49	6999597
Benzo(k)fluoranthene	ng/g	0.048	0.012	0.50	0.0972	0.0044	0.50	0.0462	0.0049	0.49	6999597
Benzo(a)pyrene	ng/g	0.023	0.015	0.50	0.0584	0.0060	0.50	0.0385	0.0063	0.49	6999597
Indeno(1,2,3-cd)pyrene	ng/g	0.020	0.018	0.50	0.054	0.020	0.50	0.024	0.020	0.49	6999597
Dibenzo(a,h)anthracene	ng/g	<0.027	0.027	0.50	<0.016	0.016	0.50	<0.014	0.014	0.49	6999597
Benzo(g,h,i)perylene	ng/g	0.032	0.016	0.50	0.083	0.022	0.50	0.045	0.022	0.49	6999597
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	70			79			81			6999597
Benz(a)anthracene-2H12	%	95			81			84			6999597
Benzo(a)pyrene-2H12	%	90			86			88			6999597
Benzo(b)fluoranthene-2H12	%	76			85			88			6999597
Benzo(g,h,i)perylene-2H12	%	71			66			63			6999597
Benzo(k)fluoranthene-2H12	%	100			98			95			6999597
Chrysene-2H12	%	97			84			83			6999597
Dibenzo(a,h)anthracene-2H14	%	67			66			65			6999597
Fluoranthene-2H10	%	79			83			83			6999597
Indeno(1,2,3-c,d)pyrene-2H12	%	73			73			70			6999597
Naphthalene-2H8	%	56 (1)			70 (1)			76 (1)			6999597
Perylene-2H12	%	87			85			82			6999597
Phenanthrene-2H10	%	78			76			77			6999597

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPY991			NPY997			NPZ001			
Sampling Date											
	UNITS	20LNG-CRAB-07	EDL	RDL	20LNG-CRAB-08	EDL	RDL	20LNG-CRAB-09	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.0893	0.0090	1.0	0.045	0.011	0.98	0.0651	0.0081	1.0	6999597
Naphthalene	ng/g	1.18	0.034	0.50	0.996	0.039	0.49	0.825	0.036	0.50	6999597
Acenaphthylene	ng/g	0.407	0.025	0.50	0.046	0.018	0.49	0.031	0.015	0.50	6999597
Acenaphthene	ng/g	7.65	0.0097	0.50	0.544	0.016	0.49	0.371	0.019	0.50	6999597
Fluorene	ng/g	1.24	0.030	0.50	0.316	0.018	0.49	0.210	0.022	0.50	6999597
Phenanthrene	ng/g	0.256	0.0015	0.50	0.208	0.013	0.49	0.163	0.023	0.50	6999597
Anthracene	ng/g	0.234	0.017	0.50	0.068	0.015	0.49	0.062	0.026	0.50	6999597
Fluoranthene	ng/g	0.141	0.010	0.50	0.106	0.0097	0.49	0.100	0.012	0.50	6999597
Pyrene	ng/g	0.131	0.0099	0.50	0.0832	0.0092	0.49	0.081	0.011	0.50	6999597
Benzo(a)anthracene	ng/g	0.0423	0.0087	0.50	0.026	0.025	0.49	0.026	0.015	0.50	6999597
Chrysene	ng/g	0.0431	0.0091	0.50	0.036	0.027	0.49	0.031	0.018	0.50	6999597
Benzo(k)fluoranthene	ng/g	0.028	0.010	0.50	0.023	0.013	0.49	0.0220	0.0094	0.50	6999597
Benzo(a)pyrene	ng/g	0.025	0.013	0.50	0.019	0.017	0.49	0.014	0.012	0.50	6999597
Indeno(1,2,3-cd)pyrene	ng/g	<0.023	0.023	0.50	0.044	0.017	0.49	<0.027	0.027	0.50	6999597
Dibenzo(a,h)anthracene	ng/g	<0.021	0.021	0.50	0.048	0.024	0.49	0.024	0.017	0.50	6999597
Benzo(g,h,i)perylene	ng/g	0.037	0.022	0.50	0.039	0.016	0.49	<0.027	0.027	0.50	6999597
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	75			73			76			6999597
Benz(a)anthracene-2H12	%	94			99			105			6999597
Benzo(a)pyrene-2H12	%	93			90			93			6999597
Benzo(b)fluoranthene-2H12	%	83			88			84			6999597
Benzo(g,h,i)perylene-2H12	%	62			68			67			6999597
Benzo(k)fluoranthene-2H12	%	101			94			105			6999597
Chrysene-2H12	%	97			93			95			6999597
Dibenzo(a,h)anthracene-2H14	%	61			66			67			6999597
Fluoranthene-2H10	%	82			81			86			6999597
Indeno(1,2,3-c,d)pyrene-2H12	%	70			73			74			6999597
Naphthalene-2H8	%	58 (1)			62 (1)			62 (1)			6999597
Perylene-2H12	%	86			89			94			6999597
Phenanthrene-2H10	%	78			79			85			6999597

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ009			NPZ011			NPZ013			
Sampling Date											
	UNITS	20LNG-CRAB-10	EDL	RDL	20LNG-CRAB-11	EDL	RDL	20LNG-CRAB-12	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.101	0.0057	0.99	0.068	0.014	0.98	0.0828	0.0091	0.99	6999597
Naphthalene	ng/g	1.20	0.044	0.50	1.11	0.044	0.49	0.983	0.045	0.50	6999597
Acenaphthylene	ng/g	0.580	0.029	0.50	0.105	0.017	0.49	0.145	0.019	0.50	6999597
Acenaphthene	ng/g	13.6	0.027	0.50	1.21	0.019	0.49	1.65	0.014	0.50	6999597
Fluorene	ng/g	5.12	0.038	0.50	0.374	0.015	0.49	0.336	0.023	0.50	6999597
Phenanthrene	ng/g	1.48	0.017	0.50	0.152	0.013	0.49	0.197	0.015	0.50	6999597
Anthracene	ng/g	1.82	0.019	0.50	0.120	0.016	0.49	0.143	0.017	0.50	6999597
Fluoranthene	ng/g	0.250	0.053	0.50	0.098	0.017	0.49	0.145	0.012	0.50	6999597
Pyrene	ng/g	0.209	0.050	0.50	0.090	0.016	0.49	0.114	0.011	0.50	6999597
Benzo(a)anthracene	ng/g	0.0776	0.0099	0.50	0.032	0.013	0.49	0.041	0.011	0.50	6999597
Chrysene	ng/g	0.083	0.011	0.50	0.031	0.013	0.49	0.046	0.011	0.50	6999597
Benzo(k)fluoranthene	ng/g	0.0405	0.0065	0.50	0.018	0.016	0.49	0.0282	0.0095	0.50	6999597
Benzo(a)pyrene	ng/g	0.0413	0.0088	0.50	<0.020	0.020	0.49	0.019	0.013	0.50	6999597
Indeno(1,2,3-cd)pyrene	ng/g	0.028	0.019	0.50	<0.023	0.023	0.49	<0.023	0.023	0.50	6999597
Dibenzo(a,h)anthracene	ng/g	<0.023	0.023	0.50	<0.047	0.047	0.49	<0.025	0.025	0.50	6999597
Benzo(g,h,i)perylene	ng/g	0.060	0.018	0.50	<0.021	0.021	0.49	0.036	0.019	0.50	6999597
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	67			67			67			6999597
Benz(a)anthracene-2H12	%	100			89			93			6999597
Benzo(a)pyrene-2H12	%	89			89			90			6999597
Benzo(b)fluoranthene-2H12	%	92			66			72			6999597
Benzo(g,h,i)perylene-2H12	%	73			61			63			6999597
Benzo(k)fluoranthene-2H12	%	91			103			104			6999597
Chrysene-2H12	%	92			92			98			6999597
Dibenzo(a,h)anthracene-2H14	%	75			52			52			6999597
Fluoranthene-2H10	%	80			80			84			6999597
Indeno(1,2,3-c,d)pyrene-2H12	%	79			59			59			6999597
Naphthalene-2H8	%	60 (1)			58 (1)			58 (1)			6999597
Perylene-2H12	%	86			83			84			6999597
Phenanthrene-2H10	%	79			73			77			6999597

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ024			NPZ046			NPZ056			
Sampling Date											
	UNITS	20LNG-CRAB-13	EDL	RDL	20LNG-CRAB-14	EDL	RDL	20LNG-CRAB-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.0745	0.0074	1.0	0.104	0.016	1.0	0.0431	0.0058	1.0	6999597
Naphthalene	ng/g	0.823	0.039	0.50	0.947	0.065	0.50	0.928	0.036	0.50	6999597
Acenaphthylene	ng/g	0.039	0.016	0.50	0.295	0.038	0.50	0.218	0.018	0.50	6999597
Acenaphthene	ng/g	0.388	0.019	0.50	11.2	0.029	0.50	2.15	0.015	0.50	6999597
Fluorene	ng/g	0.298	0.014	0.50	9.44	0.097	0.50	0.268	0.027	0.50	6999597
Phenanthrene	ng/g	0.234	0.012	0.50	15.5 (1)	1.1	5.0	0.234	0.027	0.50	6999597
Anthracene	ng/g	0.080	0.013	0.50	6.63	0.081	0.50	0.205	0.030	0.50	6999597
Fluoranthene	ng/g	0.168	0.012	0.50	0.84	0.13	0.50	0.129	0.019	0.50	6999597
Pyrene	ng/g	0.142	0.011	0.50	1.06	0.13	0.50	0.073	0.018	0.50	6999597
Benzo(a)anthracene	ng/g	0.045	0.012	0.50	0.361	0.015	0.50	0.033	0.011	0.50	6999597
Chrysene	ng/g	0.049	0.012	0.50	0.245	0.017	0.50	0.023	0.012	0.50	6999597
Benzo(k)fluoranthene	ng/g	0.0251	0.0085	0.50	0.058	0.018	0.50	0.0167	0.0066	0.50	6999597
Benzo(a)pyrene	ng/g	0.029	0.012	0.50	0.049	0.023	0.50	0.0148	0.0090	0.50	6999597
Indeno(1,2,3-cd)pyrene	ng/g	0.041	0.022	0.50	0.036	0.023	0.50	<0.017	0.017	0.50	6999597
Dibenzo(a,h)anthracene	ng/g	<0.029	0.029	0.50	<0.044	0.044	0.50	<0.023	0.023	0.50	6999597
Benzo(g,h,i)perylene	ng/g	0.034	0.020	0.50	0.170	0.022	0.50	0.026	0.016	0.50	6999597
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	74			73			72			6999597
Benz(a)anthracene-2H12	%	98			104			104			6999597
Benzo(a)pyrene-2H12	%	90			92			90			6999597
Benzo(b)fluoranthene-2H12	%	86			93			90			6999597
Benzo(g,h,i)perylene-2H12	%	75			81			74			6999597
Benzo(k)fluoranthene-2H12	%	103			92			92			6999597
Chrysene-2H12	%	96			94			93			6999597
Dibenzo(a,h)anthracene-2H14	%	68			79			72			6999597
Fluoranthene-2H10	%	86			82			82			6999597
Indeno(1,2,3-c,d)pyrene-2H12	%	76			85			75			6999597
Naphthalene-2H8	%	66 (2)			63 (2)			64 (2)			6999597
Perylene-2H12	%	92			92			91			6999597
Phenanthrene-2H10	%	81			104			79			6999597

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) From 10x dilution.
(2) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ068			NPZ073			NPZ081			
Sampling Date											
	UNITS	20LNG-HEP-16	EDL	RDL	20LNG-HEP-17	EDL	RDL	20LNG-HEP-18	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.27	0.27	1.0	<0.20	0.20	0.99	0.51	0.21	0.99	7033713
Naphthalene	ng/g	7.19	0.21	0.50	3.91	0.42	0.50	1.83	0.25	0.49	7033713
Acenaphthylene	ng/g	0.46	0.14	0.50	0.56	0.34	0.50	<0.19	0.19	0.49	7033713
Acenaphthene	ng/g	8.05	0.25	0.50	3.07	0.51	0.50	0.99	0.17	0.49	7033713
Fluorene	ng/g	2.06	0.21	0.50	1.11	0.40	0.50	0.71	0.24	0.49	7033713
Phenanthrene	ng/g	1.43	0.27	0.50	0.92	0.25	0.50	0.92	0.28	0.49	7033713
Anthracene	ng/g	1.38	0.29	0.50	5.51	0.27	0.50	0.73	0.30	0.49	7033713
Fluoranthene	ng/g	1.04	0.13	0.50	0.65	0.31	0.50	0.81	0.17	0.49	7033713
Pyrene	ng/g	0.88	0.12	0.50	0.34	0.29	0.50	0.53	0.16	0.49	7033713
Benzo(a)anthracene	ng/g	0.28	0.17	0.50	0.47	0.14	0.50	0.54	0.21	0.49	7033713
Chrysene	ng/g	0.51	0.20	0.50	<0.17	0.17	0.50	1.04	0.22	0.49	7033713
Benzo(k)fluoranthene	ng/g	<0.28	0.28	0.50	<0.22	0.22	0.50	<0.23	0.23	0.49	7033713
Benzo(a)pyrene	ng/g	<0.35	0.35	0.50	<0.24	0.24	0.50	<0.27	0.27	0.49	7033713
Indeno(1,2,3-cd)pyrene	ng/g	<0.24	0.24	0.50	<0.18	0.18	0.50	<0.23	0.23	0.49	7033713
Dibenzo(a,h)anthracene	ng/g	<0.26	0.26	0.50	<0.26	0.26	0.50	<0.31	0.31	0.49	7033713
Benzo(g,h,i)perylene	ng/g	<0.22	0.22	0.50	<0.19	0.19	0.50	<0.22	0.22	0.49	7033713
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	94			72			84			7033713
Benz(a)anthracene-2H12	%	97			88			84			7033713
Benzo(a)pyrene-2H12	%	104			93			113			7033713
Benzo(b)fluoranthene-2H12	%	81			84			92			7033713
Benzo(g,h,i)perylene-2H12	%	70			61			87			7033713
Benzo(k)fluoranthene-2H12	%	110			92			116			7033713
Chrysene-2H12	%	81			74			77			7033713
Dibenzo(a,h)anthracene-2H14	%	70			70			92			7033713
Fluoranthene-2H10	%	79			86			83			7033713
Indeno(1,2,3-c,d)pyrene-2H12	%	71			67			88			7033713
Naphthalene-2H8	%	93 (1)			70 (1)			90 (1)			7033713
Perylene-2H12	%	93			84			101			7033713
Phenanthrene-2H10	%	59			61			63			7033713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ095			NPZ111			NPZ122			
Sampling Date											
	UNITS	20LNG-HEP-19	EDL	RDL	20LNG-HEP-20	EDL	RDL	20LNG-HEP-21	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.191	0.073	0.99	0.248	0.094	0.99	0.144	0.092	1.0	7033713
Naphthalene	ng/g	2.33	0.22	0.49	1.94	0.17	0.50	1.45	0.087	0.50	7033713
Acenaphthylene	ng/g	0.212	0.076	0.49	0.24	0.10	0.50	0.20	0.13	0.50	7033713
Acenaphthene	ng/g	2.32	0.098	0.49	1.15	0.086	0.50	0.259	0.088	0.50	7033713
Fluorene	ng/g	0.577	0.080	0.49	0.393	0.066	0.50	0.309	0.054	0.50	7033713
Phenanthrene	ng/g	0.536	0.081	0.49	0.381	0.065	0.50	0.31	0.10	0.50	7033713
Anthracene	ng/g	1.14	0.088	0.49	4.74	0.071	0.50	5.19	0.11	0.50	7033713
Fluoranthene	ng/g	0.352	0.068	0.49	0.28	0.10	0.50	0.37	0.12	0.50	7033713
Pyrene	ng/g	0.298	0.067	0.49	0.234	0.099	0.50	0.40	0.12	0.50	7033713
Benzo(a)anthracene	ng/g	0.177	0.052	0.49	0.26	0.11	0.50	0.227	0.081	0.50	7033713
Chrysene	ng/g	0.208	0.057	0.49	0.25	0.12	0.50	0.171	0.085	0.50	7033713
Benzo(k)fluoranthene	ng/g	<0.086	0.086	0.49	0.11	0.11	0.50	<0.10	0.10	0.50	7033713
Benzo(a)pyrene	ng/g	<0.13	0.13	0.49	<0.16	0.16	0.50	<0.15	0.15	0.50	7033713
Indeno(1,2,3-cd)pyrene	ng/g	0.14	0.11	0.49	<0.14	0.14	0.50	<0.17	0.17	0.50	7033713
Dibenzo(a,h)anthracene	ng/g	<0.13	0.13	0.49	<0.16	0.16	0.50	<0.25	0.25	0.50	7033713
Benzo(g,h,i)perylene	ng/g	0.20	0.13	0.49	<0.14	0.14	0.50	<0.14	0.14	0.50	7033713
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	76			87			77			7033713
Benz(a)anthracene-2H12	%	100			96			88			7033713
Benzo(a)pyrene-2H12	%	88			91			91			7033713
Benzo(b)fluoranthene-2H12	%	90			86			73			7033713
Benzo(g,h,i)perylene-2H12	%	64			66			63			7033713
Benzo(k)fluoranthene-2H12	%	87			87			99			7033713
Chrysene-2H12	%	83			99			103			7033713
Dibenzo(a,h)anthracene-2H14	%	77			62			53			7033713
Fluoranthene-2H10	%	84			81			90			7033713
Indeno(1,2,3-c,d)pyrene-2H12	%	71			66			52			7033713
Naphthalene-2H8	%	68 (1)			74 (1)			67 (1)			7033713
Perylene-2H12	%	82			83			86			7033713
Phenanthrene-2H10	%	78			76			82			7033713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ134			NPZ147			NPZ159			
Sampling Date											
	UNITS	20LNG-HEP-22	EDL	RDL	20LNG-HEP-23	EDL	RDL	20LNG-HEP-24	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.61	0.23	0.98	<0.22	0.22	0.99	0.70	0.15	1.0	7033713
Naphthalene	ng/g	2.20	0.14	0.49	1.96	0.16	0.49	5.30	0.16	0.50	7033713
Acenaphthylene	ng/g	0.93	0.12	0.49	0.18	0.11	0.49	1.97	0.12	0.50	7033713
Acenaphthene	ng/g	3.99	0.14	0.49	1.91	0.12	0.49	40.2	0.15	0.50	7033713
Fluorene	ng/g	1.20	0.14	0.49	0.739	0.051	0.49	18.0	0.14	0.50	7033713
Phenanthrene	ng/g	1.67	0.20	0.49	0.545	0.093	0.49	3.84	0.11	0.50	7033713
Anthracene	ng/g	9.35	0.22	0.49	1.26	0.10	0.49	3.36	0.12	0.50	7033713
Fluoranthene	ng/g	1.86	0.36	0.49	0.346	0.087	0.49	1.75	0.071	0.50	7033713
Pyrene	ng/g	2.27	0.35	0.49	0.337	0.085	0.49	1.17	0.069	0.50	7033713
Benzo(a)anthracene	ng/g	0.92	0.14	0.49	0.158	0.070	0.49	1.72	0.15	0.50	7033713
Chrysene	ng/g	1.04	0.15	0.49	0.190	0.067	0.49	1.80	0.15	0.50	7033713
Benzo(k)fluoranthene	ng/g	0.30	0.24	0.49	<0.26	0.26	0.49	0.35	0.17	0.50	7033713
Benzo(a)pyrene	ng/g	<0.34	0.34	0.49	<0.31	0.31	0.49	0.25	0.23	0.50	7033713
Indeno(1,2,3-cd)pyrene	ng/g	<0.23	0.23	0.49	<0.23	0.23	0.49	<0.30	0.30	0.50	7033713
Dibenzo(a,h)anthracene	ng/g	<0.19	0.19	0.49	<0.21	0.21	0.49	<0.23	0.23	0.50	7033713
Benzo(g,h,i)perylene	ng/g	<0.24	0.24	0.49	<0.23	0.23	0.49	<0.27	0.27	0.50	7033713
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	83			79			84			7033713
Benz(a)anthracene-2H12	%	76			77			72			7033713
Benzo(a)pyrene-2H12	%	86			93			97			7033713
Benzo(b)fluoranthene-2H12	%	71			62			69			7033713
Benzo(g,h,i)perylene-2H12	%	64			58			64			7033713
Benzo(k)fluoranthene-2H12	%	83			66			88			7033713
Chrysene-2H12	%	82			93			94			7033713
Dibenzo(a,h)anthracene-2H14	%	58			47			59			7033713
Fluoranthene-2H10	%	76			80			86			7033713
Indeno(1,2,3-c,d)pyrene-2H12	%	60			53			56			7033713
Naphthalene-2H8	%	72 (1)			69 (1)			66 (1)			7033713
Perylene-2H12	%	81			70			78			7033713
Phenanthrene-2H10	%	69			76			74			7033713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ172			NPZ184			NPZ195			
Sampling Date											
	UNITS	20LNG-HEP-25	EDL	RDL	20LNG-HEP-26	EDL	RDL	20LNG-HEP-27	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	0.30	0.18	1.0	<0.11	0.11	0.99	0.22	0.12	1.0	7033713
Naphthalene	ng/g	1.84	0.21	0.50	2.21	0.16	0.49	2.46	0.25	0.50	7033713
Acenaphthylene	ng/g	0.662	0.096	0.50	0.254	0.075	0.49	0.27	0.11	0.50	7033713
Acenaphthene	ng/g	2.70	0.18	0.50	3.71	0.12	0.49	4.07	0.14	0.50	7033713
Fluorene	ng/g	0.71	0.13	0.50	0.603	0.076	0.49	0.905	0.073	0.50	7033713
Phenanthrene	ng/g	0.90	0.16	0.50	0.513	0.088	0.49	0.600	0.089	0.50	7033713
Anthracene	ng/g	3.32	0.18	0.50	0.844	0.096	0.49	3.26	0.097	0.50	7033713
Fluoranthene	ng/g	0.78	0.19	0.50	0.312	0.076	0.49	0.43	0.13	0.50	7033713
Pyrene	ng/g	0.67	0.18	0.50	0.206	0.074	0.49	0.36	0.13	0.50	7033713
Benzo(a)anthracene	ng/g	0.50	0.11	0.50	0.13	0.11	0.49	0.258	0.066	0.50	7033713
Chrysene	ng/g	0.46	0.11	0.50	0.14	0.11	0.49	0.296	0.068	0.50	7033713
Benzo(k)fluoranthene	ng/g	0.22	0.21	0.50	<0.12	0.12	0.49	<0.13	0.13	0.50	7033713
Benzo(a)pyrene	ng/g	<0.30	0.30	0.50	<0.18	0.18	0.49	<0.20	0.20	0.50	7033713
Indeno(1,2,3-cd)pyrene	ng/g	<0.32	0.32	0.50	<0.19	0.19	0.49	<0.16	0.16	0.50	7033713
Dibenzo(a,h)anthracene	ng/g	<0.27	0.27	0.50	<0.20	0.20	0.49	<0.17	0.17	0.50	7033713
Benzo(g,h,i)perylene	ng/g	<0.33	0.33	0.50	<0.18	0.18	0.49	<0.16	0.16	0.50	7033713
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	79			77			77			7033713
Benz(a)anthracene-2H12	%	89			91			88			7033713
Benzo(a)pyrene-2H12	%	84			89			87			7033713
Benzo(b)fluoranthene-2H12	%	79			69			72			7033713
Benzo(g,h,i)perylene-2H12	%	79			67			66			7033713
Benzo(k)fluoranthene-2H12	%	68			82			96			7033713
Chrysene-2H12	%	90			104			86			7033713
Dibenzo(a,h)anthracene-2H14	%	77			72			64			7033713
Fluoranthene-2H10	%	80			79			77			7033713
Indeno(1,2,3-c,d)pyrene-2H12	%	74			70			61			7033713
Naphthalene-2H8	%	67 (1)			67 (1)			68 (1)			7033713
Perylene-2H12	%	83			87			71			7033713
Phenanthrene-2H10	%	76			80			69			7033713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ210			NPZ223			NPZ234			
Sampling Date											
	UNITS	20LNG-HEP-28	EDL	RDL	20LNG-HEP-29	EDL	RDL	20LNG-HEP-30	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	1.87	0.25	1.0	0.288	0.048	0.99	0.73	0.13	0.98	7033713
Naphthalene	ng/g	2.98	0.15	0.50	2.74	0.13	0.49	7.65	0.15	0.49	7033713
Acenaphthylene	ng/g	1.21	0.12	0.50	1.94	0.091	0.49	0.65	0.12	0.49	7033713
Acenaphthene	ng/g	17.1	0.10	0.50	27.7	0.16	0.49	6.09	0.092	0.49	7033713
Fluorene	ng/g	1.68	0.22	0.50	1.14	0.10	0.49	2.20	0.15	0.49	7033713
Phenanthrene	ng/g	1.72	0.22	0.50	1.92	0.075	0.49	1.63	0.16	0.49	7033713
Anthracene	ng/g	4.78	0.24	0.50	4.34	0.082	0.49	2.94	0.18	0.49	7033713
Fluoranthene	ng/g	2.32	0.18	0.50	0.753	0.083	0.49	1.68	0.21	0.49	7033713
Pyrene	ng/g	2.46	0.18	0.50	0.446	0.081	0.49	1.31	0.20	0.49	7033713
Benzo(a)anthracene	ng/g	1.77	0.24	0.50	0.60	0.14	0.49	0.91	0.22	0.49	7033713
Chrysene	ng/g	2.50	0.26	0.50	0.77	0.15	0.49	1.28	0.25	0.49	7033713
Benzo(k)fluoranthene	ng/g	0.78	0.27	0.50	<0.062	0.062	0.49	0.20	0.15	0.49	7033713
Benzo(a)pyrene	ng/g	0.78	0.43	0.50	<0.094	0.094	0.49	0.34	0.21	0.49	7033713
Indeno(1,2,3-cd)pyrene	ng/g	<0.40	0.40	0.50	<0.21	0.21	0.49	<0.20	0.20	0.49	7033713
Dibenzo(a,h)anthracene	ng/g	<0.31	0.31	0.50	<0.13	0.13	0.49	<0.32	0.32	0.49	7033713
Benzo(g,h,i)perylene	ng/g	0.50	0.42	0.50	<0.23	0.23	0.49	<0.23	0.23	0.49	7033713
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	79			80			82			7033713
Benz(a)anthracene-2H12	%	97			101			93			7033713
Benzo(a)pyrene-2H12	%	91			93			93			7033713
Benzo(b)fluoranthene-2H12	%	83			90			79			7033713
Benzo(g,h,i)perylene-2H12	%	77			76			67			7033713
Benzo(k)fluoranthene-2H12	%	96			86			99			7033713
Chrysene-2H12	%	91			93			93			7033713
Dibenzo(a,h)anthracene-2H14	%	84			94			71			7033713
Fluoranthene-2H10	%	82			84			82			7033713
Indeno(1,2,3-c,d)pyrene-2H12	%	81			91			68			7033713
Naphthalene-2H8	%	67 (1)			71 (1)			68 (1)			7033713
Perylene-2H12	%	87			88			79			7033713
Phenanthrene-2H10	%	77			81			83			7033713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ361		NPZ362		NPZ363		NPZ367			
Sampling Date											
	UNITS	20LNG-SOLE-01	EDL	20LNG-SOLE-02	EDL	20LNG-SOLE-03	EDL	20LNG-SOLE-04	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.086	0.086	<0.056	0.056	<0.090	0.090	<0.068	0.068	1.0	7052796
Naphthalene	ng/g	1.30	0.095	1.88	0.17	2.83	0.11	1.61	0.13	0.50	7052796
Acenaphthylene	ng/g	0.063	0.033	<0.11	0.11	0.101	0.051	<0.062	0.062	0.50	7052796
Acenaphthene	ng/g	0.920	0.072	1.57	0.091	4.08	0.051	1.19	0.086	0.50	7052796
Fluorene	ng/g	0.273	0.053	0.534	0.035	1.19	0.046	0.418	0.043	0.50	7052796
Phenanthrene	ng/g	0.360	0.069	0.534	0.053	1.02	0.066	0.394	0.060	0.50	7052796
Anthracene	ng/g	<0.075	0.075	0.115	0.057	0.212	0.072	0.079	0.066	0.50	7052796
Fluoranthene	ng/g	0.219	0.036	0.276	0.035	0.489	0.053	0.292	0.044	0.50	7052796
Pyrene	ng/g	0.096	0.035	0.134	0.034	0.171	0.052	0.149	0.043	0.50	7052796
Benzo(a)anthracene	ng/g	<0.044	0.044	<0.041	0.041	<0.040	0.040	<0.031	0.031	0.50	7052796
Chrysene	ng/g	<0.051	0.051	<0.043	0.043	<0.047	0.047	<0.034	0.034	0.50	7052796
Benzo(k)fluoranthene	ng/g	<0.098	0.098	<0.068	0.068	<0.10	0.10	<0.077	0.077	0.50	7052796
Benzo(a)pyrene	ng/g	<0.14	0.14	<0.11	0.11	<0.15	0.15	<0.12	0.12	0.50	7052796
Indeno(1,2,3-cd)pyrene	ng/g	<0.19	0.19	<0.12	0.12	<0.16	0.16	<0.10	0.10	0.50	7052796
Dibenzo(a,h)anthracene	ng/g	<0.18	0.18	<0.15	0.15	<0.13	0.13	<0.18	0.18	0.50	7052796
Benzo(g,h,i)perylene	ng/g	<0.21	0.21	<0.13	0.13	<0.16	0.16	<0.11	0.11	0.50	7052796
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	69		70		73		69			7052796
Benz(a)anthracene-2H12	%	86		86		94		87			7052796
Benzo(a)pyrene-2H12	%	76		76		79		85			7052796
Benzo(b)fluoranthene-2H12	%	73		87		78		84			7052796
Benzo(g,h,i)perylene-2H12	%	62		63		57		57			7052796
Benzo(k)fluoranthene-2H12	%	84		79		83		85			7052796
Chrysene-2H12	%	79		83		81		83			7052796
Dibenzo(a,h)anthracene-2H14	%	61		63		60		63			7052796
Fluoranthene-2H10	%	79		78		80		83			7052796
Indeno(1,2,3-c,d)pyrene-2H12	%	59		68		59		60			7052796
Naphthalene-2H8	%	58 (1)		65 (1)		60 (1)		66 (1)			7052796
Perylene-2H12	%	70		83		77		74			7052796
Phenanthrene-2H10	%	89		81		85		98			7052796

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ371		NPZ374		NPZ377		NPZ378			
Sampling Date											
	UNITS	20LNG-SOLE-05	EDL	20LNG-SOLE-06	EDL	20LNG-SOLE-07	EDL	20LNG-SOLE-08	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.12	0.12	<0.098	0.098	<0.10	0.10	<0.070	0.070	1.0	7052796
Naphthalene	ng/g	2.42	0.093	1.57	0.070	2.46	0.13	1.36	0.12	0.50	7052796
Acenaphthylene	ng/g	0.127	0.036	0.072	0.050	<0.064	0.064	<0.070	0.070	0.50	7052796
Acenaphthene	ng/g	2.71	0.11	1.58	0.11	1.17	0.077	1.45	0.044	0.50	7052796
Fluorene	ng/g	0.713	0.051	0.523	0.046	0.488	0.064	0.447	0.059	0.50	7052796
Phenanthrene	ng/g	0.778	0.057	0.672	0.068	0.420	0.097	0.595	0.075	0.50	7052796
Anthracene	ng/g	0.196	0.062	0.109	0.075	0.29	0.11	0.187	0.082	0.50	7052796
Fluoranthene	ng/g	0.535	0.036	0.480	0.048	0.294	0.034	0.394	0.043	0.50	7052796
Pyrene	ng/g	0.207	0.035	0.200	0.047	0.115	0.033	0.138	0.042	0.50	7052796
Benzo(a)anthracene	ng/g	0.062	0.059	<0.050	0.050	<0.070	0.070	<0.049	0.049	0.50	7052796
Chrysene	ng/g	0.071	0.059	<0.053	0.053	<0.071	0.071	<0.048	0.048	0.50	7052796
Benzo(k)fluoranthene	ng/g	0.18	0.15	<0.11	0.11	<0.10	0.10	<0.075	0.075	0.50	7052796
Benzo(a)pyrene	ng/g	<0.19	0.19	<0.19	0.19	<0.16	0.16	<0.13	0.13	0.50	7052796
Indeno(1,2,3-cd)pyrene	ng/g	<0.21	0.21	<0.18	0.18	<0.23	0.23	<0.18	0.18	0.50	7052796
Dibenzo(a,h)anthracene	ng/g	<0.31	0.31	<0.15	0.15	<0.25	0.25	<0.18	0.18	0.50	7052796
Benzo(g,h,i)perylene	ng/g	<0.22	0.22	<0.19	0.19	<0.21	0.21	<0.16	0.16	0.50	7052796
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	63		69		76		77			7052796
Benz(a)anthracene-2H12	%	67		85		76		81			7052796
Benzo(a)pyrene-2H12	%	67		74		82		79			7052796
Benzo(b)fluoranthene-2H12	%	63		77		65		69			7052796
Benzo(g,h,i)perylene-2H12	%	58		56		45		54			7052796
Benzo(k)fluoranthene-2H12	%	60		78		89		84			7052796
Chrysene-2H12	%	76		82		89		90			7052796
Dibenzo(a,h)anthracene-2H14	%	40		61		45		48			7052796
Fluoranthene-2H10	%	73		78		76		76			7052796
Indeno(1,2,3-c,d)pyrene-2H12	%	53		58		38		48			7052796
Naphthalene-2H8	%	54 (1)		71 (1)		63 (1)		71 (1)			7052796
Perylene-2H12	%	67		65		67		78			7052796
Phenanthrene-2H10	%	76		81		87		104			7052796

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ394		NPZ395		NPZ396		NPZ398			
Sampling Date											
	UNITS	20LNG-SOLE-09	EDL	20LNG-SOLE-10	EDL	20LNG-SOLE-11	EDL	20LNG-SOLE-12	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.13	0.13	<0.14	0.14	<0.092	0.092	<0.095	0.095	1.0	7052796
Naphthalene	ng/g	2.08	0.13	1.48	0.17	2.06	0.12	3.80	0.12	0.50	7052796
Acenaphthylene	ng/g	0.092	0.056	<0.053	0.053	<0.068	0.068	<0.079	0.079	0.50	7052796
Acenaphthene	ng/g	1.61	0.089	0.558	0.080	2.01	0.11	4.99	0.10	0.50	7052796
Fluorene	ng/g	0.703	0.066	0.311	0.045	0.535	0.048	0.992	0.060	0.50	7052796
Phenanthrene	ng/g	0.782	0.082	0.415	0.064	0.492	0.067	0.831	0.076	0.50	7052796
Anthracene	ng/g	0.153	0.090	<0.070	0.070	0.136	0.073	0.178	0.082	0.50	7052796
Fluoranthene	ng/g	0.400	0.045	0.316	0.070	0.338	0.051	0.416	0.054	0.50	7052796
Pyrene	ng/g	0.182	0.044	0.458	0.068	0.121	0.050	0.152	0.053	0.50	7052796
Benzo(a)anthracene	ng/g	<0.086	0.086	<0.092	0.092	<0.044	0.044	<0.078	0.078	0.50	7052796
Chrysene	ng/g	<0.087	0.087	<0.094	0.094	<0.051	0.051	<0.090	0.090	0.50	7052796
Benzo(k)fluoranthene	ng/g	<0.16	0.16	<0.16	0.16	<0.11	0.11	<0.11	0.11	0.50	7052796
Benzo(a)pyrene	ng/g	<0.18	0.18	<0.28	0.28	<0.17	0.17	<0.18	0.18	0.50	7052796
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	<0.21	0.21	<0.10	0.10	<0.26	0.26	0.50	7052796
Dibenzo(a,h)anthracene	ng/g	<0.20	0.20	<0.22	0.22	<0.15	0.15	<0.21	0.21	0.50	7052796
Benzo(g,h,i)perylene	ng/g	<0.17	0.17	<0.23	0.23	<0.11	0.11	<0.27	0.27	0.50	7052796
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	65		65		67		72			7052796
Benz(a)anthracene-2H12	%	70		81		88		90			7052796
Benzo(a)pyrene-2H12	%	85		83		77		82			7052796
Benzo(b)fluoranthene-2H12	%	64		77		76		75			7052796
Benzo(g,h,i)perylene-2H12	%	39		54		51		55			7052796
Benzo(k)fluoranthene-2H12	%	81		96		78		87			7052796
Chrysene-2H12	%	92		88		82		85			7052796
Dibenzo(a,h)anthracene-2H14	%	40		57		63		60			7052796
Fluoranthene-2H10	%	71		80		75		79			7052796
Indeno(1,2,3-c,d)pyrene-2H12	%	37		59		59		61			7052796
Naphthalene-2H8	%	58 (1)		62 (1)		63 (1)		70 (1)			7052796
Perylene-2H12	%	64		78		67		78			7052796
Phenanthrene-2H10	%	84		94		77		81			7052796

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ419		NPZ425		NPZ433			
Sampling Date									
	UNITS	20LNG-SOLE-13	EDL	20LNG-SOLE-14	EDL	20LNG-SOLE-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.11	0.11	<0.10	0.10	<0.078	0.078	1.0	7052796
Naphthalene	ng/g	2.02	0.12	2.03	0.11	2.20	0.16	0.50	7052796
Acenaphthylene	ng/g	<0.058	0.058	0.074	0.062	<0.063	0.063	0.50	7052796
Acenaphthene	ng/g	1.94	0.11	2.25	0.094	1.85	0.067	0.50	7052796
Fluorene	ng/g	0.539	0.044	0.600	0.068	0.528	0.047	0.50	7052796
Phenanthrene	ng/g	0.507	0.062	0.449	0.072	0.562	0.073	0.50	7052796
Anthracene	ng/g	0.123	0.068	<0.079	0.079	0.134	0.079	0.50	7052796
Fluoranthene	ng/g	0.292	0.071	0.247	0.049	0.379	0.056	0.50	7052796
Pyrene	ng/g	0.113	0.069	0.118	0.048	0.154	0.055	0.50	7052796
Benzo(a)anthracene	ng/g	<0.058	0.058	<0.062	0.062	<0.063	0.063	0.50	7052796
Chrysene	ng/g	<0.058	0.058	<0.071	0.071	<0.071	0.071	0.50	7052796
Benzo(k)fluoranthene	ng/g	<0.11	0.11	<0.12	0.12	<0.092	0.092	0.50	7052796
Benzo(a)pyrene	ng/g	<0.17	0.17	<0.19	0.19	<0.14	0.14	0.50	7052796
Indeno(1,2,3-cd)pyrene	ng/g	<0.16	0.16	<0.18	0.18	<0.18	0.18	0.50	7052796
Dibenzo(a,h)anthracene	ng/g	<0.22	0.22	<0.15	0.15	<0.18	0.18	0.50	7052796
Benzo(g,h,i)perylene	ng/g	<0.15	0.15	<0.19	0.19	<0.18	0.18	0.50	7052796
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	83		77		74			7052796
Benz(a)anthracene-2H12	%	96		94		90			7052796
Benzo(a)pyrene-2H12	%	92		79		82			7052796
Benzo(b)fluoranthene-2H12	%	83		80		83			7052796
Benzo(g,h,i)perylene-2H12	%	67		60		60			7052796
Benzo(k)fluoranthene-2H12	%	93		77		87			7052796
Chrysene-2H12	%	94		85		77			7052796
Dibenzo(a,h)anthracene-2H14	%	65		61		66			7052796
Fluoranthene-2H10	%	92		80		81			7052796
Indeno(1,2,3-c,d)pyrene-2H12	%	66		57		61			7052796
Naphthalene-2H8	%	76 (1)		71 (1)		66 (1)			7052796
Perylene-2H12	%	80		77		79			7052796
Phenanthrene-2H10	%	97		100		90			7052796

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ441			NPZ442		NPZ443			
Sampling Date										
	UNITS	20VIL-CRAB-01	EDL	RDL	20VIL-CRAB-02	EDL	20VIL-CRAB-03	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.081	0.081	0.99	<0.056	0.056	<0.12	0.12	1.0	7064618
Naphthalene	ng/g	0.541	0.070	0.50	0.81	0.12	0.60	0.16	0.50	7064618
Acenaphthylene	ng/g	<0.051	0.051	0.50	<0.085	0.085	<0.015	0.015	0.50	7064618
Acenaphthene	ng/g	0.120	0.040	0.50	0.242	0.093	0.224	0.098	0.50	7064618
Fluorene	ng/g	0.121	0.035	0.50	0.201	0.050	0.124	0.032	0.50	7064618
Phenanthrene	ng/g	0.122	0.073	0.50	0.170	0.062	0.179	0.057	0.50	7064618
Anthracene	ng/g	<0.080	0.080	0.50	<0.067	0.067	<0.062	0.062	0.50	7064618
Fluoranthene	ng/g	0.106	0.041	0.50	<0.059	0.059	<0.060	0.060	0.50	7064618
Pyrene	ng/g	0.061	0.040	0.50	<0.058	0.058	<0.059	0.059	0.50	7064618
Benzo(a)anthracene	ng/g	<0.48	0.48	0.50	<0.055	0.055	<0.063	0.063	0.50	7064618
Chrysene	ng/g	<0.053	0.053	0.50	<0.061	0.061	<0.067	0.067	0.50	7064618
Benzo(k)fluoranthene	ng/g	<0.098	0.098	0.50	<0.077	0.077	<0.13	0.13	0.50	7064618
Benzo(a)pyrene	ng/g	<0.15	0.15	0.50	<0.11	0.11	<0.20	0.20	0.50	7064618
Indeno(1,2,3-cd)pyrene	ng/g	<0.14	0.14	0.50	<0.089	0.089	<0.14	0.14	0.50	7064618
Dibenzo(a,h)anthracene	ng/g	<0.087	0.087	0.50	<0.16	0.16	<0.16	0.16	0.50	7064618
Benzo(g,h,i)perylene	ng/g	<0.14	0.14	0.50	<0.091	0.091	<0.16	0.16	0.50	7064618
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	89			82		83			7064618
Benz(a)anthracene-2H12	%	118			114		108			7064618
Benzo(a)pyrene-2H12	%	96			96		102			7064618
Benzo(b)fluoranthene-2H12	%	97			115		110			7064618
Benzo(g,h,i)perylene-2H12	%	72			80		81			7064618
Benzo(k)fluoranthene-2H12	%	93			89		99			7064618
Chrysene-2H12	%	103			99		96			7064618
Dibenzo(a,h)anthracene-2H14	%	78			87		96			7064618
Fluoranthene-2H10	%	96			107		98			7064618
Indeno(1,2,3-c,d)pyrene-2H12	%	70			82		80			7064618
Naphthalene-2H8	%	88 (1)			74 (1)		82 (1)			7064618
Perylene-2H12	%	90			95		97			7064618
Phenanthrene-2H10	%	112			113		103			7064618

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ447		NPZ448		NPZ449		NPZ497			
Sampling Date											
	UNITS	20VIL-CRAB-04	EDL	20VIL-CRAB-05	EDL	20VIL-CRAB-06	EDL	20VIL-CRAB-07	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.089	0.089	<0.069	0.069	0.110	0.060	<0.062	0.062	1.0	7064618
Naphthalene	ng/g	0.55	0.15	0.62	0.12	0.61	0.10	0.61	0.11	0.50	7064618
Acenaphthylene	ng/g	<0.053	0.053	<0.071	0.071	<0.058	0.058	<0.11	0.11	0.50	7064618
Acenaphthene	ng/g	0.243	0.074	0.158	0.063	0.152	0.053	0.23	0.14	0.50	7064618
Fluorene	ng/g	0.180	0.043	0.170	0.031	0.135	0.040	0.168	0.053	0.50	7064618
Phenanthrene	ng/g	0.180	0.089	0.152	0.054	0.125	0.073	0.158	0.092	0.50	7064618
Anthracene	ng/g	<0.082	0.082	<0.059	0.059	<0.080	0.080	<0.10	0.10	0.50	7064618
Fluoranthene	ng/g	0.088	0.054	0.052	0.041	<0.047	0.047	<0.091	0.091	0.50	7064618
Pyrene	ng/g	0.090	0.053	<0.040	0.040	<0.045	0.045	<0.089	0.089	0.50	7064618
Benzo(a)anthracene	ng/g	<0.069	0.069	<0.033	0.033	<0.062	0.062	<0.049	0.049	0.50	7064618
Chrysene	ng/g	<0.077	0.077	<0.039	0.039	<0.068	0.068	<0.057	0.057	0.50	7064618
Benzo(k)fluoranthene	ng/g	<0.11	0.11	<0.080	0.080	<0.083	0.083	<0.076	0.076	0.50	7064618
Benzo(a)pyrene	ng/g	<0.18	0.18	<0.14	0.14	<0.12	0.12	<0.11	0.11	0.50	7064618
Indeno(1,2,3-cd)pyrene	ng/g	<0.13	0.13	<0.13	0.13	<0.15	0.15	<0.24	0.24	0.50	7064618
Dibenzo(a,h)anthracene	ng/g	<0.11	0.11	<0.089	0.089	0.16	0.15	<0.18	0.18	0.50	7064618
Benzo(g,h,i)perylene	ng/g	<0.14	0.14	<0.13	0.13	<0.15	0.15	<0.26	0.26	0.50	7064618
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	87		97		105		103			7064618
Benz(a)anthracene-2H12	%	105		108		113		115			7064618
Benzo(a)pyrene-2H12	%	77		85		94		100			7064618
Benzo(b)fluoranthene-2H12	%	107		97		110		100			7064618
Benzo(g,h,i)perylene-2H12	%	72		66		75		69			7064618
Benzo(k)fluoranthene-2H12	%	93		95		90		99			7064618
Chrysene-2H12	%	83		83		98		96			7064618
Dibenzo(a,h)anthracene-2H14	%	97		90		74		82			7064618
Fluoranthene-2H10	%	98		92		104		104			7064618
Indeno(1,2,3-c,d)pyrene-2H12	%	80		75		77		68			7064618
Naphthalene-2H8	%	80 (1)		86 (1)		96 (1)		105 (1)			7064618
Perylene-2H12	%	89		88		87		88			7064618
Phenanthrene-2H10	%	90		90		100		108			7064618

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ498		NPZ520		NPZ549		NPZ551			
Sampling Date											
	UNITS	20VIL-CRAB-08	EDL	20VIL-CRAB-09	EDL	20VIL-CRAB-10	EDL	20VIL-CRAB-11	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.070	0.070	<0.067	0.067	<0.087	0.087	<0.082	0.082	1.0	7064618
Naphthalene	ng/g	0.79	0.16	0.52	0.24	0.54	0.15	0.57	0.18	0.50	7064618
Acenaphthylene	ng/g	<0.11	0.11	<0.089	0.089	<0.11	0.11	<0.074	0.074	0.50	7064618
Acenaphthene	ng/g	0.180	0.099	0.176	0.099	0.105	0.082	0.093	0.036	0.50	7064618
Fluorene	ng/g	0.191	0.055	0.180	0.051	0.097	0.057	0.107	0.043	0.50	7064618
Phenanthrene	ng/g	0.16	0.10	0.133	0.079	0.129	0.077	0.114	0.066	0.50	7064618
Anthracene	ng/g	<0.11	0.11	<0.086	0.086	<0.084	0.084	<0.072	0.072	0.50	7064618
Fluoranthene	ng/g	0.066	0.066	0.070	0.060	<0.062	0.062	<0.062	0.062	0.50	7064618
Pyrene	ng/g	<0.064	0.064	<0.059	0.059	<0.060	0.060	0.083	0.061	0.50	7064618
Benzo(a)anthracene	ng/g	<0.085	0.085	<0.080	0.080	<0.065	0.065	<0.065	0.065	0.50	7064618
Chrysene	ng/g	<0.10	0.10	<0.085	0.085	<0.076	0.076	<0.072	0.072	0.50	7064618
Benzo(k)fluoranthene	ng/g	<0.085	0.085	<0.082	0.082	<0.12	0.12	<0.10	0.10	0.50	7064618
Benzo(a)pyrene	ng/g	<0.15	0.15	<0.13	0.13	<0.18	0.18	<0.15	0.15	0.50	7064618
Indeno(1,2,3-cd)pyrene	ng/g	<0.18	0.18	<0.096	0.096	<0.13	0.13	<0.18	0.18	0.50	7064618
Dibenzo(a,h)anthracene	ng/g	<0.13	0.13	<0.20	0.20	<0.22	0.22	<0.22	0.22	0.50	7064618
Benzo(g,h,i)perylene	ng/g	<0.20	0.20	<0.10	0.10	<0.14	0.14	<0.18	0.18	0.50	7064618
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	84		88		86		90			7064618
Benz(a)anthracene-2H12	%	120		100		119		123			7064618
Benzo(a)pyrene-2H12	%	85		95		95		101			7064618
Benzo(b)fluoranthene-2H12	%	115		102		107		103			7064618
Benzo(g,h,i)perylene-2H12	%	78		73		72		70			7064618
Benzo(k)fluoranthene-2H12	%	101		98		94		96			7064618
Chrysene-2H12	%	100		86		101		107			7064618
Dibenzo(a,h)anthracene-2H14	%	96		88		84		92			7064618
Fluoranthene-2H10	%	97		94		103		103			7064618
Indeno(1,2,3-c,d)pyrene-2H12	%	78		73		75		73			7064618
Naphthalene-2H8	%	94 (1)		83 (1)		92 (1)		83 (1)			7064618
Perylene-2H12	%	89		98		92		101			7064618
Phenanthrene-2H10	%	97		95		107		111			7064618

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ565		NPZ567		NPZ572		NPZ585			
Sampling Date											
	UNITS	20VIL-CRAB-12	EDL	20VIL-CRAB-13	EDL	20VIL-CRAB-14	EDL	20VIL-CRAB-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.084	0.084	<0.073	0.073	<0.057	0.057	<0.085	0.085	1.0	7064618
Naphthalene	ng/g	0.93	0.13	0.72	0.12	0.69	0.13	0.83	0.12	0.50	7064618
Acenaphthylene	ng/g	<0.080	0.080	<0.062	0.062	<0.077	0.077	<0.065	0.065	0.50	7064618
Acenaphthene	ng/g	0.109	0.058	0.187	0.055	0.077	0.057	0.149	0.038	0.50	7064618
Fluorene	ng/g	0.206	0.061	0.264	0.043	0.193	0.077	0.245	0.032	0.50	7064618
Phenanthrene	ng/g	0.174	0.093	0.167	0.086	0.153	0.079	0.156	0.094	0.50	7064618
Anthracene	ng/g	<0.10	0.10	<0.094	0.094	<0.087	0.087	<0.10	0.10	0.50	7064618
Fluoranthene	ng/g	0.074	0.045	<0.068	0.068	0.085	0.045	<0.068	0.068	0.50	7064618
Pyrene	ng/g	0.067	0.044	<0.066	0.066	<0.043	0.043	<0.066	0.066	0.50	7064618
Benzo(a)anthracene	ng/g	<0.058	0.058	<0.049	0.049	<0.043	0.043	<0.063	0.063	0.50	7064618
Chrysene	ng/g	<0.068	0.068	<0.054	0.054	<0.046	0.046	<0.073	0.073	0.50	7064618
Benzo(k)fluoranthene	ng/g	<0.10	0.10	<0.082	0.082	<0.066	0.066	<0.10	0.10	0.50	7064618
Benzo(a)pyrene	ng/g	<0.16	0.16	<0.13	0.13	<0.11	0.11	<0.15	0.15	0.50	7064618
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	<0.11	0.11	<0.10	0.10	<0.13	0.13	0.50	7064618
Dibenzo(a,h)anthracene	ng/g	<0.17	0.17	<0.13	0.13	<0.20	0.20	<0.13	0.13	0.50	7064618
Benzo(g,h,i)perylene	ng/g	<0.16	0.16	<0.12	0.12	<0.10	0.10	<0.13	0.13	0.50	7064618
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	85		98		99		89			7064618
Benz(a)anthracene-2H12	%	116		116		107		122			7064618
Benzo(a)pyrene-2H12	%	94		97		94		101			7064618
Benzo(b)fluoranthene-2H12	%	101		98		108		104			7064618
Benzo(g,h,i)perylene-2H12	%	80		70		69		81			7064618
Benzo(k)fluoranthene-2H12	%	97		107		106		103			7064618
Chrysene-2H12	%	104		101		94		105			7064618
Dibenzo(a,h)anthracene-2H14	%	85		91		71		89			7064618
Fluoranthene-2H10	%	96		97		100		101			7064618
Indeno(1,2,3-c,d)pyrene-2H12	%	76		79		67		88			7064618
Naphthalene-2H8	%	80 (1)		87 (1)		87 (1)		89 (1)			7064618
Perylene-2H12	%	92		103		98		94			7064618
Phenanthrene-2H10	%	108		104		112		102			7064618

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ588		NPZ590		NPZ591		NPZ593			
Sampling Date											
	UNITS	20VIL-HEP-16	EDL	20VIL-HEP-17	EDL	20VIL-HEP-18	EDL	20VIL-HEP-19	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.12	0.12	<0.17	0.17	<0.23	0.23	<0.19	0.19	1.0	7087894
Naphthalene	ng/g	1.76	0.19	3.90	0.26	1.87	0.33	1.88	0.21	0.50	7087894
Acenaphthylene	ng/g	0.61	0.17	1.01	0.13	0.57	0.18	0.34	0.20	0.50	7087894
Acenaphthene	ng/g	2.16	0.14	7.37	0.13	3.35	0.28	3.93	0.15	0.50	7087894
Fluorene	ng/g	0.50	0.14	1.11	0.19	0.66	0.13	0.65	0.15	0.50	7087894
Phenanthrene	ng/g	0.37	0.23	1.04	0.27	0.74	0.21	0.53	0.17	0.50	7087894
Anthracene	ng/g	2.15	0.25	3.05	0.29	2.43	0.23	5.57	0.18	0.50	7087894
Fluoranthene	ng/g	0.23	0.16	0.43	0.13	0.34	0.21	0.31	0.14	0.50	7087894
Pyrene	ng/g	<0.15	0.15	0.24	0.12	<0.19	0.19	<0.13	0.13	0.50	7087894
Benzo(a)anthracene	ng/g	<0.18	0.18	0.45	0.19	0.36	0.15	<0.19	0.19	0.50	7087894
Chrysene	ng/g	<0.17	0.17	0.32	0.19	0.39	0.16	<0.22	0.22	0.50	7087894
Benzo(k)fluoranthene	ng/g	<0.13	0.13	<0.17	0.17	<0.27	0.27	<0.20	0.20	0.50	7087894
Benzo(a)pyrene	ng/g	<0.15	0.15	<0.20	0.20	<0.32	0.32	<0.26	0.26	0.50	7087894
Indeno(1,2,3-cd)pyrene	ng/g	<0.19	0.19	<0.26	0.26	<0.25	0.25	<0.20	0.20	0.50	7087894
Dibenzo(a,h)anthracene	ng/g	<0.20	0.20	<0.23	0.23	<0.21	0.21	<0.19	0.19	0.50	7087894
Benzo(g,h,i)perylene	ng/g	<0.21	0.21	<0.15	0.15	<0.25	0.25	<0.21	0.21	0.50	7087894
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	92		90		96		86			7087894
Benz(a)anthracene-2H12	%	103		102		108		102			7087894
Benzo(a)pyrene-2H12	%	118		102		107		114			7087894
Benzo(b)fluoranthene-2H12	%	97		96		97		103			7087894
Benzo(g,h,i)perylene-2H12	%	94		102		92		93			7087894
Benzo(k)fluoranthene-2H12	%	96		105		106		108			7087894
Chrysene-2H12	%	106		94		106		93			7087894
Dibenzo(a,h)anthracene-2H14	%	96		103		100		99			7087894
Fluoranthene-2H10	%	102		100		94		96			7087894
Indeno(1,2,3-c,d)pyrene-2H12	%	99		97		82		104			7087894
Naphthalene-2H8	%	98 (1)		98 (1)		96 (1)		92 (1)			7087894
Perylene-2H12	%	106		96		100		104			7087894
Phenanthrene-2H10	%	89		89		91		88			7087894

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ594		NPZ595		NPZ596		NPZ598			
Sampling Date											
	UNITS	20VIL-HEP-20	EDL	20VIL-HEP-21	EDL	20VIL-HEP-22	EDL	20VIL-HEP-23	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.18	0.18	<0.11	0.11	<0.10	0.10	<0.14	0.14	1.0	7087894
Naphthalene	ng/g	2.01	0.18	1.39	0.44	1.56	0.23	1.53	0.20	0.50	7087894
Acenaphthylene	ng/g	1.33	0.13	<0.16	0.16	<0.15	0.15	<0.17	0.17	0.50	7087894
Acenaphthene	ng/g	4.31	0.22	0.68	0.16	1.00	0.10	0.30	0.11	0.50	7087894
Fluorene	ng/g	0.36	0.17	0.52	0.16	0.45	0.15	0.47	0.16	0.50	7087894
Phenanthrene	ng/g	0.57	0.17	0.62	0.14	0.46	0.15	0.36	0.20	0.50	7087894
Anthracene	ng/g	4.47	0.19	2.91	0.15	5.34	0.16	1.65	0.22	0.50	7087894
Fluoranthene	ng/g	<0.20	0.20	0.21	0.13	0.270	0.098	0.21	0.13	0.50	7087894
Pyrene	ng/g	<0.18	0.18	<0.12	0.12	0.116	0.091	<0.12	0.12	0.50	7087894
Benzo(a)anthracene	ng/g	0.40	0.15	<0.21	0.21	<0.14	0.14	<0.13	0.13	0.50	7087894
Chrysene	ng/g	<0.14	0.14	<0.20	0.20	<0.14	0.14	<0.13	0.13	0.50	7087894
Benzo(k)fluoranthene	ng/g	<0.19	0.19	<0.12	0.12	<0.11	0.11	<0.17	0.17	0.50	7087894
Benzo(a)pyrene	ng/g	<0.22	0.22	<0.14	0.14	<0.13	0.13	<0.20	0.20	0.50	7087894
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	<0.10	0.10	<0.21	0.21	<0.27	0.27	0.50	7087894
Dibenzo(a,h)anthracene	ng/g	<0.20	0.20	<0.13	0.13	<0.21	0.21	<0.18	0.18	0.50	7087894
Benzo(g,h,i)perylene	ng/g	<0.15	0.15	<0.10	0.10	<0.19	0.19	<0.24	0.24	0.50	7087894
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	106		102		97		90			7087894
Benz(a)anthracene-2H12	%	114		113		116		109			7087894
Benzo(a)pyrene-2H12	%	117		98		111		107			7087894
Benzo(b)fluoranthene-2H12	%	98		107		89		107			7087894
Benzo(g,h,i)perylene-2H12	%	92		90		98		86			7087894
Benzo(k)fluoranthene-2H12	%	112		107		118		96			7087894
Chrysene-2H12	%	119		116		107		113			7087894
Dibenzo(a,h)anthracene-2H14	%	88		103		92		83			7087894
Fluoranthene-2H10	%	106		100		100		99			7087894
Indeno(1,2,3-c,d)pyrene-2H12	%	96		91		93		87			7087894
Naphthalene-2H8	%	104 (1)		91 (1)		99 (1)		91 (1)			7087894
Perylene-2H12	%	104		94		106		107			7087894
Phenanthrene-2H10	%	96		85		91		88			7087894

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ599		NPZ600		NPZ604		NPZ605			
Sampling Date											
	UNITS	20VIL-HEP-24	EDL	20VIL-HEP-25	EDL	20VIL-HEP-26	EDL	20VIL-HEP-27	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.16	0.16	<0.12	0.12	<0.19	0.19	<0.13	0.13	1.0	7087894
Naphthalene	ng/g	1.78	0.15	2.33	0.24	2.33	0.20	2.21	0.20	0.50	7087894
Acenaphthylene	ng/g	0.40	0.12	0.24	0.11	0.62	0.16	0.16	0.13	0.50	7087894
Acenaphthene	ng/g	1.66	0.18	2.51	0.16	1.73	0.24	2.33	0.13	0.50	7087894
Fluorene	ng/g	0.51	0.16	0.50	0.11	0.69	0.21	0.74	0.14	0.50	7087894
Phenanthrene	ng/g	0.40	0.20	0.35	0.24	0.54	0.27	0.40	0.12	0.50	7087894
Anthracene	ng/g	2.28	0.22	4.30	0.26	5.74	0.29	1.32	0.13	0.50	7087894
Fluoranthene	ng/g	<0.21	0.21	0.20	0.16	0.28	0.15	<0.20	0.20	0.50	7087894
Pyrene	ng/g	<0.19	0.19	<0.15	0.15	<0.14	0.14	<0.18	0.18	0.50	7087894
Benzo(a)anthracene	ng/g	0.253	0.093	<0.11	0.11	0.38	0.22	<0.11	0.11	0.50	7087894
Chrysene	ng/g	0.210	0.095	<0.12	0.12	<0.23	0.23	<0.11	0.11	0.50	7087894
Benzo(k)fluoranthene	ng/g	<0.17	0.17	<0.15	0.15	<0.22	0.22	<0.15	0.15	0.50	7087894
Benzo(a)pyrene	ng/g	<0.20	0.20	<0.17	0.17	<0.25	0.25	<0.19	0.19	0.50	7087894
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	<0.14	0.14	<0.19	0.19	<0.14	0.14	0.50	7087894
Dibenzo(a,h)anthracene	ng/g	<0.22	0.22	<0.18	0.18	<0.18	0.18	<0.18	0.18	0.50	7087894
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	<0.13	0.13	<0.19	0.19	<0.15	0.15	0.50	7087894
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	115		98		69		92			7087894
Benz(a)anthracene-2H12	%	121		114		93		120			7087894
Benzo(a)pyrene-2H12	%	109		104		90		107			7087894
Benzo(b)fluoranthene-2H12	%	100		99		80		99			7087894
Benzo(g,h,i)perylene-2H12	%	108		96		77		84			7087894
Benzo(k)fluoranthene-2H12	%	113		105		83		113			7087894
Chrysene-2H12	%	113		112		88		118			7087894
Dibenzo(a,h)anthracene-2H14	%	106		96		83		80			7087894
Fluoranthene-2H10	%	101		99		78		106			7087894
Indeno(1,2,3-c,d)pyrene-2H12	%	105		99		81		80			7087894
Naphthalene-2H8	%	111 (1)		104 (1)		70 (1)		101 (1)			7087894
Perylene-2H12	%	100		94		79		92			7087894
Phenanthrene-2H10	%	88		85		68		88			7087894

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ606		NPZ607		NPZ609			NPZ736			
Sampling Date												
	UNITS	20VIL-HEP-28	EDL	20VIL-HEP-29	EDL	20VIL-HEP-30	EDL	QC Batch	20VIL-SOLE-01	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons												
Benzo(b/j)fluoranthene	ng/g	<0.14	0.14	<0.16	0.16	<0.12	0.12	7087894	<0.056	0.056	1.0	7099540
Naphthalene	ng/g	1.76	0.23	2.29	0.30	1.83	0.17	7087894	0.90	0.12	0.50	7099540
Acenaphthylene	ng/g	0.21	0.13	0.52	0.22	<0.13	0.13	7087894	<0.073	0.073	0.50	7099540
Acenaphthene	ng/g	0.77	0.17	2.49	0.23	1.03	0.097	7087894	0.37	0.12	0.50	7099540
Fluorene	ng/g	0.44	0.10	0.59	0.20	0.46	0.11	7087894	0.247	0.049	0.50	7099540
Phenanthrene	ng/g	0.38	0.21	0.44	0.30	0.38	0.15	7087894	0.252	0.087	0.50	7099540
Anthracene	ng/g	1.17	0.23	3.37	0.32	3.86	0.16	7087894	<0.097	0.097	0.50	7099540
Fluoranthene	ng/g	0.17	0.12	0.32	0.18	0.19	0.11	7087894	0.090	0.028	0.50	7099540
Pyrene	ng/g	<0.12	0.12	<0.17	0.17	0.20	0.10	7087894	0.055	0.027	0.50	7099540
Benzo(a)anthracene	ng/g	<0.12	0.12	0.27	0.17	<0.083	0.083	7087894	<0.037	0.037	0.50	7099540
Chrysene	ng/g	<0.12	0.12	<0.17	0.17	<0.087	0.087	7087894	<0.041	0.041	0.50	7099540
Benzo(k)fluoranthene	ng/g	<0.15	0.15	<0.18	0.18	<0.14	0.14	7087894	<0.059	0.059	0.50	7099540
Benzo(a)pyrene	ng/g	<0.19	0.19	<0.21	0.21	<0.16	0.16	7087894	<0.093	0.093	0.50	7099540
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	<0.32	0.32	<0.11	0.11	7087894	<0.12	0.12	0.50	7099540
Dibenzo(a,h)anthracene	ng/g	<0.22	0.22	<0.25	0.25	<0.15	0.15	7087894	<0.22	0.22	0.50	7099540
Benzo(g,h,i)perylene	ng/g	<0.14	0.14	<0.33	0.33	<0.12	0.12	7087894	<0.11	0.11	0.50	7099540
Surrogate Recovery (%)												
Acenaphthylene-2H8	%	80		61		100		7087894	78			7099540
Benz(a)anthracene-2H12	%	100		72		113		7087894	105			7099540
Benzo(a)pyrene-2H12	%	96		77		104		7087894	105			7099540
Benzo(b)fluoranthene-2H12	%	97		71		94		7087894	106			7099540
Benzo(g,h,i)perylene-2H12	%	83		55		82		7087894	86			7099540
Benzo(k)fluoranthene-2H12	%	103		75		94		7087894	126			7099540
Chrysene-2H12	%	97		73		109		7087894	105			7099540
Dibenzo(a,h)anthracene-2H14	%	78		55		93		7087894	63			7099540
Fluoranthene-2H10	%	89		65		96		7087894	104			7099540
Indeno(1,2,3-c,d)pyrene-2H12	%	85		55		96		7087894	71			7099540
Naphthalene-2H8	%	93 (1)		62 (1)		98 (1)		7087894	90 (1)			7099540
Perylene-2H12	%	92		69		102		7087894	103			7099540
Phenanthrene-2H10	%	75		56		81		7087894	101			7099540

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ779		NPZ780		NPZ781		NPZ783			
Sampling Date											
	UNITS	20VIL-SOLE-02	EDL	20VIL-SOLE-03	EDL	20VIL-SOLE-04	EDL	20VIL-SOLE-05	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.091	0.091	<0.12	0.12	<0.059	0.059	<0.049	0.049	1.0	7099540
Naphthalene	ng/g	1.13	0.18	0.76	0.13	0.631	0.085	1.03	0.11	0.50	7099540
Acenaphthylene	ng/g	<0.099	0.099	<0.056	0.056	<0.065	0.065	<0.043	0.043	0.50	7099540
Acenaphthene	ng/g	0.616	0.086	0.185	0.051	0.270	0.075	0.334	0.075	0.50	7099540
Fluorene	ng/g	0.382	0.062	0.137	0.051	0.178	0.048	0.232	0.031	0.50	7099540
Phenanthrene	ng/g	0.566	0.081	0.215	0.082	0.272	0.057	0.327	0.047	0.50	7099540
Anthracene	ng/g	0.150	0.090	<0.091	0.091	<0.063	0.063	<0.052	0.052	0.50	7099540
Fluoranthene	ng/g	0.256	0.039	0.067	0.033	0.118	0.031	0.135	0.042	0.50	7099540
Pyrene	ng/g	0.095	0.037	0.044	0.032	0.056	0.029	0.103	0.040	0.50	7099540
Benzo(a)anthracene	ng/g	<0.049	0.049	<0.044	0.044	<0.037	0.037	<0.030	0.030	0.50	7099540
Chrysene	ng/g	<0.050	0.050	<0.047	0.047	<0.039	0.039	<0.032	0.032	0.50	7099540
Benzo(k)fluoranthene	ng/g	<0.093	0.093	<0.12	0.12	<0.061	0.061	<0.050	0.050	0.50	7099540
Benzo(a)pyrene	ng/g	<0.15	0.15	<0.17	0.17	<0.096	0.096	<0.075	0.075	0.50	7099540
Indeno(1,2,3-cd)pyrene	ng/g	<0.12	0.12	<0.16	0.16	<0.085	0.085	<0.10	0.10	0.50	7099540
Dibenzo(a,h)anthracene	ng/g	<0.073	0.073	<0.22	0.22	<0.12	0.12	<0.10	0.10	0.50	7099540
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	<0.14	0.14	<0.084	0.084	<0.10	0.10	0.50	7099540
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	71		68		69		69			7099540
Benz(a)anthracene-2H12	%	99		100		114		116			7099540
Benzo(a)pyrene-2H12	%	106		91		96		98			7099540
Benzo(b)fluoranthene-2H12	%	100		81		94		87			7099540
Benzo(g,h,i)perylene-2H12	%	78		123		83		85			7099540
Benzo(k)fluoranthene-2H12	%	120		106		107		114			7099540
Chrysene-2H12	%	111		111		125		117			7099540
Dibenzo(a,h)anthracene-2H14	%	67		110		80		76			7099540
Fluoranthene-2H10	%	101		97		95		97			7099540
Indeno(1,2,3-c,d)pyrene-2H12	%	75		101		75		71			7099540
Naphthalene-2H8	%	76 (1)		61 (1)		64 (1)		67 (1)			7099540
Perylene-2H12	%	96		94		92		93			7099540
Phenanthrene-2H10	%	96		100		88		94			7099540

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ784		NPZ808		NPZ822		NPZ827			
Sampling Date											
	UNITS	20VIL-SOLE-06	EDL	20VIL-SOLE-07	EDL	20VIL-SOLE-08	EDL	20VIL-SOLE-09	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.052	0.052	<0.11	0.11	<0.071	0.071	<0.036	0.036	1.0	7099540
Naphthalene	ng/g	0.67	0.11	0.73	0.14	0.58	0.11	0.841	0.099	0.50	7099540
Acenaphthylene	ng/g	<0.061	0.061	<0.053	0.053	<0.066	0.066	<0.045	0.045	0.50	7099540
Acenaphthene	ng/g	0.236	0.090	0.276	0.066	0.239	0.063	0.263	0.069	0.50	7099540
Fluorene	ng/g	0.173	0.043	0.200	0.046	0.140	0.054	0.204	0.040	0.50	7099540
Phenanthrene	ng/g	0.297	0.047	0.291	0.090	0.265	0.054	0.229	0.067	0.50	7099540
Anthracene	ng/g	<0.052	0.052	<0.10	0.10	<0.060	0.060	<0.074	0.074	0.50	7099540
Fluoranthene	ng/g	0.148	0.023	0.123	0.038	0.099	0.046	0.083	0.027	0.50	7099540
Pyrene	ng/g	0.076	0.022	0.049	0.036	0.066	0.044	0.056	0.026	0.50	7099540
Benzo(a)anthracene	ng/g	<0.038	0.038	<0.036	0.036	<0.037	0.037	<0.031	0.031	0.50	7099540
Chrysene	ng/g	<0.041	0.041	<0.039	0.039	<0.036	0.036	<0.033	0.033	0.50	7099540
Benzo(k)fluoranthene	ng/g	<0.056	0.056	<0.11	0.11	<0.077	0.077	<0.038	0.038	0.50	7099540
Benzo(a)pyrene	ng/g	<0.084	0.084	<0.15	0.15	<0.11	0.11	<0.056	0.056	0.50	7099540
Indeno(1,2,3-cd)pyrene	ng/g	<0.083	0.083	<0.14	0.14	<0.12	0.12	<0.10	0.10	0.50	7099540
Dibenzo(a,h)anthracene	ng/g	<0.15	0.15	<0.12	0.12	<0.15	0.15	<0.16	0.16	0.50	7099540
Benzo(g,h,i)perylene	ng/g	<0.092	0.092	<0.14	0.14	<0.11	0.11	<0.091	0.091	0.50	7099540
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	72		62		76		81			7099540
Benz(a)anthracene-2H12	%	104		93		93		101			7099540
Benzo(a)pyrene-2H12	%	103		85		99		117			7099540
Benzo(b)fluoranthene-2H12	%	100		73		85		99			7099540
Benzo(g,h,i)perylene-2H12	%	69		57		95		100			7099540
Benzo(k)fluoranthene-2H12	%	114		97		113		123			7099540
Chrysene-2H12	%	107		92		113		112			7099540
Dibenzo(a,h)anthracene-2H14	%	80		53		73		82			7099540
Fluoranthene-2H10	%	106		80		104		109			7099540
Indeno(1,2,3-c,d)pyrene-2H12	%	83		59		68		94			7099540
Naphthalene-2H8	%	69 (1)		49 (1)		65 (1)		76 (1)			7099540
Perylene-2H12	%	97		74		98		105			7099540
Phenanthrene-2H10	%	94		75		107		99			7099540

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ834		NPZ850		NPZ860			
Sampling Date									
	UNITS	20VIL-SOLE-10	EDL	20VIL-SOLE-11	EDL	20VIL-SOLE-12	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons									
Benzo(b/j)fluoranthene	ng/g	<0.043	0.043	<0.057	0.057	<0.072	0.072	1.0	7099540
Naphthalene	ng/g	0.66	0.11	0.75	0.12	0.81	0.12	0.50	7099540
Acenaphthylene	ng/g	<0.029	0.029	0.037	0.033	<0.056	0.056	0.50	7099540
Acenaphthene	ng/g	0.197	0.054	0.230	0.056	0.170	0.062	0.50	7099540
Fluorene	ng/g	0.161	0.051	0.165	0.050	0.191	0.065	0.50	7099540
Phenanthrene	ng/g	0.220	0.077	0.209	0.073	0.225	0.051	0.50	7099540
Anthracene	ng/g	<0.086	0.086	<0.081	0.081	<0.057	0.057	0.50	7099540
Fluoranthene	ng/g	0.079	0.031	0.094	0.019	0.101	0.027	0.50	7099540
Pyrene	ng/g	0.047	0.030	0.058	0.018	0.072	0.026	0.50	7099540
Benzo(a)anthracene	ng/g	<0.045	0.045	<0.033	0.033	<0.043	0.043	0.50	7099540
Chrysene	ng/g	<0.049	0.049	<0.035	0.035	<0.044	0.044	0.50	7099540
Benzo(k)fluoranthene	ng/g	<0.041	0.041	<0.063	0.063	<0.066	0.066	0.50	7099540
Benzo(a)pyrene	ng/g	<0.059	0.059	<0.088	0.088	<0.10	0.10	0.50	7099540
Indeno(1,2,3-cd)pyrene	ng/g	<0.13	0.13	<0.073	0.073	<0.15	0.15	0.50	7099540
Dibenzo(a,h)anthracene	ng/g	<0.072	0.072	<0.10	0.10	<0.14	0.14	0.50	7099540
Benzo(g,h,i)perylene	ng/g	<0.12	0.12	<0.066	0.066	<0.14	0.14	0.50	7099540
Surrogate Recovery (%)									
Acenaphthylene-2H8	%	82		87		79			7099540
Benz(a)anthracene-2H12	%	101		106		99			7099540
Benzo(a)pyrene-2H12	%	113		101		98			7099540
Benzo(b)fluoranthene-2H12	%	86		89		82			7099540
Benzo(g,h,i)perylene-2H12	%	78		85		83			7099540
Benzo(k)fluoranthene-2H12	%	120		100		103			7099540
Chrysene-2H12	%	112		107		108			7099540
Dibenzo(a,h)anthracene-2H14	%	70		64		68			7099540
Fluoranthene-2H10	%	103		99		100			7099540
Indeno(1,2,3-c,d)pyrene-2H12	%	84		74		66			7099540
Naphthalene-2H8	%	74 (1)		69 (1)		67 (1)			7099540
Perylene-2H12	%	103		97		86			7099540
Phenanthrene-2H10	%	95		95		88			7099540

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ863			NPZ864		NPZ891			
Sampling Date										
	UNITS	20VIL-SOLE-13	EDL	RDL	20VIL-SOLE-14	EDL	20VIL-SOLE-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.057	0.057	0.99	<0.078	0.078	<0.081	0.081	1.0	7099540
Naphthalene	ng/g	0.98	0.14	0.50	1.15	0.12	0.953	0.097	0.50	7099540
Acenaphthylene	ng/g	<0.053	0.053	0.50	0.086	0.066	<0.052	0.052	0.50	7099540
Acenaphthene	ng/g	0.224	0.037	0.50	0.516	0.056	0.20	0.10	0.50	7099540
Fluorene	ng/g	0.226	0.041	0.50	0.326	0.045	0.194	0.040	0.50	7099540
Phenanthrene	ng/g	0.281	0.062	0.50	0.398	0.060	0.198	0.046	0.50	7099540
Anthracene	ng/g	<0.069	0.069	0.50	0.124	0.066	<0.051	0.051	0.50	7099540
Fluoranthene	ng/g	0.079	0.038	0.50	0.146	0.028	0.079	0.037	0.50	7099540
Pyrene	ng/g	0.067	0.037	0.50	0.074	0.026	0.045	0.035	0.50	7099540
Benzo(a)anthracene	ng/g	<0.041	0.041	0.50	<0.052	0.052	<0.036	0.036	0.50	7099540
Chrysene	ng/g	<0.040	0.040	0.50	<0.055	0.055	<0.036	0.036	0.50	7099540
Benzo(k)fluoranthene	ng/g	<0.060	0.060	0.50	<0.082	0.082	<0.079	0.079	0.50	7099540
Benzo(a)pyrene	ng/g	<0.084	0.084	0.50	<0.12	0.12	<0.13	0.13	0.50	7099540
Indeno(1,2,3-cd)pyrene	ng/g	<0.080	0.080	0.50	<0.13	0.13	<0.12	0.12	0.50	7099540
Dibenzo(a,h)anthracene	ng/g	<0.11	0.11	0.50	<0.12	0.12	<0.15	0.15	0.50	7099540
Benzo(g,h,i)perylene	ng/g	<0.075	0.075	0.50	<0.12	0.12	<0.11	0.11	0.50	7099540
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	73			73		67			7099540
Benz(a)anthracene-2H12	%	108			92		100			7099540
Benzo(a)pyrene-2H12	%	110			108		94			7099540
Benzo(b)fluoranthene-2H12	%	98			97		89			7099540
Benzo(g,h,i)perylene-2H12	%	91			97		81			7099540
Benzo(k)fluoranthene-2H12	%	112			112		110			7099540
Chrysene-2H12	%	121			112		112			7099540
Dibenzo(a,h)anthracene-2H14	%	67			74		65			7099540
Fluoranthene-2H10	%	100			99		96			7099540
Indeno(1,2,3-c,d)pyrene-2H12	%	72			78		78			7099540
Naphthalene-2H8	%	61 (1)			77 (1)		58 (1)			7099540
Perylene-2H12	%	94			93		89			7099540
Phenanthrene-2H10	%	95			90		89			7099540

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ897			NPZ900			NPZ903			
Sampling Date											
	UNITS	20ARM-CRAB-01	EDL	RDL	20ARM-CRAB-02	EDL	RDL	20ARM-CRAB-03	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.22	0.22	0.99	<0.21	0.21	1.0	<0.19	0.19	0.99	7203993
Naphthalene	ng/g	0.85	0.34	0.50	0.85	0.38	0.50	1.13	0.44	0.50	7203993
Acenaphthylene	ng/g	<0.22	0.22	0.50	<0.20	0.20	0.50	<0.30	0.30	0.50	7203993
Acenaphthene	ng/g	<0.29	0.29	0.50	<0.23	0.23	0.50	<0.40	0.40	0.50	7203993
Fluorene	ng/g	<0.19	0.19	0.50	<0.25	0.25	0.50	<0.22	0.22	0.50	7203993
Phenanthrene	ng/g	<0.32	0.32	0.50	<0.33	0.33	0.50	<0.32	0.32	0.50	7203993
Anthracene	ng/g	<0.36	0.36	0.50	<0.37	0.37	0.50	<0.36	0.36	0.50	7203993
Fluoranthene	ng/g	<0.26	0.26	0.50	<0.22	0.22	0.50	<0.28	0.28	0.50	7203993
Pyrene	ng/g	<0.25	0.25	0.50	<0.21	0.21	0.50	<0.26	0.26	0.50	7203993
Benzo(a)anthracene	ng/g	<0.16	0.16	0.50	<0.14	0.14	0.50	<0.13	0.13	0.50	7203993
Chrysene	ng/g	<0.19	0.19	0.50	<0.16	0.16	0.50	<0.14	0.14	0.50	7203993
Benzo(k)fluoranthene	ng/g	<0.22	0.22	0.50	<0.22	0.22	0.50	<0.21	0.21	0.50	7203993
Benzo(a)pyrene	ng/g	<0.27	0.27	0.50	<0.27	0.27	0.50	<0.25	0.25	0.50	7203993
Indeno(1,2,3-cd)pyrene	ng/g	<0.18	0.18	0.50	<0.24	0.24	0.50	<0.19	0.19	0.50	7203993
Dibenzo(a,h)anthracene	ng/g	<0.21	0.21	0.50	<0.24	0.24	0.50	<0.25	0.25	0.50	7203993
Benzo(g,h,i)perylene	ng/g	<0.28	0.28	0.50	<0.27	0.27	0.50	<0.20	0.20	0.50	7203993
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	85			96			80			7203993
Benz(a)anthracene-2H12	%	138			127			114			7203993
Benzo(a)pyrene-2H12	%	108			109			107			7203993
Benzo(b)fluoranthene-2H12	%	101			115			118			7203993
Benzo(g,h,i)perylene-2H12	%	89			102			86			7203993
Benzo(k)fluoranthene-2H12	%	105			100			92			7203993
Chrysene-2H12	%	119			115			105			7203993
Dibenzo(a,h)anthracene-2H14	%	120			101			111			7203993
Fluoranthene-2H10	%	100			99			95			7203993
Indeno(1,2,3-c,d)pyrene-2H12	%	123			101			93			7203993
Naphthalene-2H8	%	91 (1)			99 (1)			79 (1)			7203993
Perylene-2H12	%	108			104			99			7203993
Phenanthrene-2H10	%	81			77			72			7203993

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ908			NPZ909			NPZ910			
Sampling Date											
	UNITS	20ARM-CRAB-04	EDL	RDL	20ARM-CRAB-05	EDL	RDL	20ARM-CRAB-06	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.37	0.37	1.0	<0.23	0.23	0.99	<0.22	0.22	0.99	7203993
Naphthalene	ng/g	0.84	0.45	0.50	0.82	0.61	0.50	0.82	0.41	0.49	7203993
Acenaphthylene	ng/g	<0.27	0.27	0.50	<0.25	0.25	0.50	<0.17	0.17	0.49	7203993
Acenaphthene	ng/g	<0.28	0.28	0.50	<0.26	0.26	0.50	<0.21	0.21	0.49	7203993
Fluorene	ng/g	<0.15	0.15	0.50	<0.27	0.27	0.50	<0.16	0.16	0.49	7203993
Phenanthrene	ng/g	0.23	0.17	0.50	0.25	0.20	0.50	0.26	0.16	0.49	7203993
Anthracene	ng/g	<0.19	0.19	0.50	<0.22	0.22	0.50	<0.18	0.18	0.49	7203993
Fluoranthene	ng/g	<0.23	0.23	0.50	<0.20	0.20	0.50	<0.14	0.14	0.49	7203993
Pyrene	ng/g	<0.22	0.22	0.50	<0.19	0.19	0.50	<0.14	0.14	0.49	7203993
Benzo(a)anthracene	ng/g	<0.19	0.19	0.50	<0.16	0.16	0.50	<0.13	0.13	0.49	7203993
Chrysene	ng/g	<0.22	0.22	0.50	<0.19	0.19	0.50	<0.16	0.16	0.49	7203993
Benzo(k)fluoranthene	ng/g	<0.38	0.38	0.50	<0.21	0.21	0.50	<0.21	0.21	0.49	7203993
Benzo(a)pyrene	ng/g	<0.48	0.48	0.50	<0.29	0.29	0.50	<0.21	0.21	0.49	7203993
Indeno(1,2,3-cd)pyrene	ng/g	<0.36	0.36	0.50	<0.36	0.36	0.50	<0.24	0.24	0.49	7203993
Dibenzo(a,h)anthracene	ng/g	<0.26	0.26	0.50	<0.27	0.27	0.50	<0.20	0.20	0.49	7203993
Benzo(g,h,i)perylene	ng/g	<0.37	0.37	0.50	<0.29	0.29	0.50	<0.24	0.24	0.49	7203993
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	77			86			77			7203993
Benz(a)anthracene-2H12	%	131			106			114			7203993
Benzo(a)pyrene-2H12	%	121			90			101			7203993
Benzo(b)fluoranthene-2H12	%	102			79			80			7203993
Benzo(g,h,i)perylene-2H12	%	105			70			71			7203993
Benzo(k)fluoranthene-2H12	%	109			80			73			7203993
Chrysene-2H12	%	113			87			99			7203993
Dibenzo(a,h)anthracene-2H14	%	98			90			76			7203993
Fluoranthene-2H10	%	101			95			90			7203993
Indeno(1,2,3-c,d)pyrene-2H12	%	100			64			72			7203993
Naphthalene-2H8	%	71 (1)			93 (1)			82 (1)			7203993
Perylene-2H12	%	104			96			92			7203993
Phenanthrene-2H10	%	78			70			80			7203993

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NPZ912			NPZ951			NQA008			
Sampling Date											
	UNITS	20ARM-CRAB-07	EDL	RDL	20ARM-CRAB-08	EDL	RDL	20ARM-CRAB-09	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.21	0.21	0.99	<0.25	0.25	0.97	<0.29	0.29	1.0	7203993
Naphthalene	ng/g	0.94	0.38	0.49	0.76	0.44	0.49	0.70	0.41	0.50	7203993
Acenaphthylene	ng/g	<0.15	0.15	0.49	<0.16	0.16	0.49	<0.15	0.15	0.50	7203993
Acenaphthene	ng/g	<0.28	0.28	0.49	<0.14	0.14	0.49	<0.16	0.16	0.50	7203993
Fluorene	ng/g	<0.28	0.28	0.49	<0.21	0.21	0.49	<0.17	0.17	0.50	7203993
Phenanthrene	ng/g	<0.24	0.24	0.49	<0.16	0.16	0.49	0.30	0.15	0.50	7203993
Anthracene	ng/g	<0.27	0.27	0.49	<0.17	0.17	0.49	<0.17	0.17	0.50	7203993
Fluoranthene	ng/g	<0.26	0.26	0.49	<0.14	0.14	0.49	<0.13	0.13	0.50	7203993
Pyrene	ng/g	<0.24	0.24	0.49	<0.13	0.13	0.49	<0.13	0.13	0.50	7203993
Benzo(a)anthracene	ng/g	<0.13	0.13	0.49	<0.13	0.13	0.49	<0.17	0.17	0.50	7203993
Chrysene	ng/g	<0.12	0.12	0.49	<0.16	0.16	0.49	<0.19	0.19	0.50	7203993
Benzo(k)fluoranthene	ng/g	<0.23	0.23	0.49	<0.24	0.24	0.49	<0.27	0.27	0.50	7203993
Benzo(a)pyrene	ng/g	<0.34	0.34	0.49	<0.33	0.33	0.49	<0.35	0.35	0.50	7203993
Indeno(1,2,3-cd)pyrene	ng/g	<0.32	0.32	0.49	<0.42	0.42	0.49	<0.27	0.27	0.50	7203993
Dibenzo(a,h)anthracene	ng/g	<0.17	0.17	0.49	<0.42	0.42	0.49	<0.48	0.48	0.50	7203993
Benzo(g,h,i)perylene	ng/g	<0.34	0.34	0.49	<0.38	0.38	0.49	<0.29	0.29	0.50	7203993
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	77			93			88			7203993
Benz(a)anthracene-2H12	%	108			128			124			7203993
Benzo(a)pyrene-2H12	%	93			100			107			7203993
Benzo(b)fluoranthene-2H12	%	101			97			92			7203993
Benzo(g,h,i)perylene-2H12	%	83			87			78			7203993
Benzo(k)fluoranthene-2H12	%	93			111			99			7203993
Chrysene-2H12	%	106			115			108			7203993
Dibenzo(a,h)anthracene-2H14	%	71			77			72			7203993
Fluoranthene-2H10	%	102			100			108			7203993
Indeno(1,2,3-c,d)pyrene-2H12	%	85			79			73			7203993
Naphthalene-2H8	%	76 (1)			83 (1)			88 (1)			7203993
Perylene-2H12	%	93			91			93			7203993
Phenanthrene-2H10	%	85			87			90			7203993

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA036		NQA062			NQA063			
Sampling Date										
	UNITS	20ARM-CRAB-10	EDL	20ARM-CRAB-11	EDL	RDL	20ARM-CRAB-12	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.28	0.28	<0.23	0.23	1.0	<0.35	0.35	0.99	7203993
Naphthalene	ng/g	0.76	0.31	0.93	0.43	0.50	1.37	0.39	0.49	7203993
Acenaphthylene	ng/g	<0.22	0.22	<0.21	0.21	0.50	<0.23	0.23	0.49	7203993
Acenaphthene	ng/g	<0.29	0.29	<0.46	0.46	0.50	<0.38	0.38	0.49	7203993
Fluorene	ng/g	<0.14	0.14	0.16	0.13	0.50	<0.17	0.17	0.49	7203993
Phenanthrene	ng/g	<0.23	0.23	<0.40	0.40	0.50	<0.18	0.18	0.49	7203993
Anthracene	ng/g	<0.26	0.26	<0.45	0.45	0.50	<0.21	0.21	0.49	7203993
Fluoranthene	ng/g	<0.26	0.26	<0.25	0.25	0.50	<0.16	0.16	0.49	7203993
Pyrene	ng/g	<0.25	0.25	<0.24	0.24	0.50	<0.15	0.15	0.49	7203993
Benzo(a)anthracene	ng/g	<0.24	0.24	<0.12	0.12	0.50	<0.19	0.19	0.49	7203993
Chrysene	ng/g	<0.27	0.27	<0.13	0.13	0.50	<0.20	0.20	0.49	7203993
Benzo(k)fluoranthene	ng/g	<0.27	0.27	<0.22	0.22	0.50	<0.39	0.39	0.49	7203993
Benzo(a)pyrene	ng/g	<0.41	0.41	<0.32	0.32	0.50	<0.64	0.64	0.49	7203993
Indeno(1,2,3-cd)pyrene	ng/g	<0.35	0.35	<1.4	1.4	0.50	<0.56	0.56	0.49	7203993
Dibenzo(a,h)anthracene	ng/g	<0.42	0.42	<0.61	0.61	0.50	<0.65	0.65	0.49	7203993
Benzo(g,h,i)perylene	ng/g	<0.38	0.38	<1.1	1.1	0.50	<0.60	0.60	0.49	7203993
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	88		84			65			7203993
Benz(a)anthracene-2H12	%	112		109			75			7203993
Benzo(a)pyrene-2H12	%	113		95			68			7203993
Benzo(b)fluoranthene-2H12	%	99		95			78			7203993
Benzo(g,h,i)perylene-2H12	%	88		70			39			7203993
Benzo(k)fluoranthene-2H12	%	110		93			81			7203993
Chrysene-2H12	%	94		111			75			7203993
Dibenzo(a,h)anthracene-2H14	%	73		62			48			7203993
Fluoranthene-2H10	%	102		114			78			7203993
Indeno(1,2,3-c,d)pyrene-2H12	%	83		59			43			7203993
Naphthalene-2H8	%	86 (1)		90 (1)			63 (1)			7203993
Perylene-2H12	%	114		79			74			7203993
Phenanthrene-2H10	%	72		86			61			7203993

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA075			NQA081			NQA086			
Sampling Date											
	UNITS	20ARM-CRAB-13	EDL	RDL	20ARM-CRAB-14	EDL	RDL	20ARM-CRAB-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.26	0.26	0.99	<0.41	0.41	0.99	<0.22	0.22	0.98	7203993
Naphthalene	ng/g	1.14	0.36	0.50	1.10	0.36	0.49	0.96	0.29	0.49	7203993
Acenaphthylene	ng/g	<0.29	0.29	0.50	<0.22	0.22	0.49	<0.14	0.14	0.49	7203993
Acenaphthene	ng/g	<0.18	0.18	0.50	<0.23	0.23	0.49	<0.16	0.16	0.49	7203993
Fluorene	ng/g	0.20	0.16	0.50	0.15	0.15	0.49	0.20	0.14	0.49	7203993
Phenanthrene	ng/g	0.23	0.17	0.50	<0.24	0.24	0.49	<0.20	0.20	0.49	7203993
Anthracene	ng/g	<0.19	0.19	0.50	<0.27	0.27	0.49	<0.22	0.22	0.49	7203993
Fluoranthene	ng/g	<0.25	0.25	0.50	<0.16	0.16	0.49	<0.21	0.21	0.49	7203993
Pyrene	ng/g	<0.24	0.24	0.50	<0.15	0.15	0.49	<0.20	0.20	0.49	7203993
Benzo(a)anthracene	ng/g	<0.14	0.14	0.50	<0.18	0.18	0.49	<0.28	0.28	0.49	7203993
Chrysene	ng/g	<0.15	0.15	0.50	<0.21	0.21	0.49	<0.28	0.28	0.49	7203993
Benzo(k)fluoranthene	ng/g	<0.21	0.21	0.50	<0.39	0.39	0.49	<0.22	0.22	0.49	7203993
Benzo(a)pyrene	ng/g	<0.28	0.28	0.50	<0.58	0.58	0.49	<0.29	0.29	0.49	7203993
Indeno(1,2,3-cd)pyrene	ng/g	<0.48	0.48	0.50	<0.37	0.37	0.49	<0.59	0.59	0.49	7203993
Dibenzo(a,h)anthracene	ng/g	<0.75	0.75	0.50	<0.75	0.75	0.49	<0.32	0.32	0.49	7203993
Benzo(g,h,i)perylene	ng/g	<0.52	0.52	0.50	<0.28	0.28	0.49	<0.45	0.45	0.49	7203993
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	86			90			94			7203993
Benz(a)anthracene-2H12	%	98			114			111			7203993
Benzo(a)pyrene-2H12	%	113			78			103			7203993
Benzo(b)fluoranthene-2H12	%	103			79			83			7203993
Benzo(g,h,i)perylene-2H12	%	58			74			67			7203993
Benzo(k)fluoranthene-2H12	%	112			99			86			7203993
Chrysene-2H12	%	94			114			110			7203993
Dibenzo(a,h)anthracene-2H14	%	60			52			51			7203993
Fluoranthene-2H10	%	90			106			116			7203993
Indeno(1,2,3-c,d)pyrene-2H12	%	72			64			54			7203993
Naphthalene-2H8	%	77 (1)			89 (1)			96 (1)			7203993
Perylene-2H12	%	84			81			93			7203993
Phenanthrene-2H10	%	96			87			92			7203993

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA099			NQA100			NQA101			
Sampling Date											
	UNITS	20ARM-HEP-16	EDL	RDL	20ARM-HEP-17	EDL	RDL	20ARM-HEP-18	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.30	0.30	0.99	<0.23	0.23	0.97	<0.21	0.21	1.0	7194106
Naphthalene	ng/g	0.57	0.28	0.50	0.86	0.25	0.49	0.63	0.24	0.50	7194106
Acenaphthylene	ng/g	<0.14	0.14	0.50	<0.19	0.19	0.49	<0.17	0.17	0.50	7194106
Acenaphthene	ng/g	<0.23	0.23	0.50	0.41	0.28	0.49	0.17	0.13	0.50	7194106
Fluorene	ng/g	0.21	0.16	0.50	0.21	0.11	0.49	0.196	0.084	0.50	7194106
Phenanthrene	ng/g	0.23	0.15	0.50	<0.27	0.27	0.49	0.264	0.097	0.50	7194106
Anthracene	ng/g	0.96	0.17	0.50	2.93	0.30	0.49	0.98	0.11	0.50	7194106
Fluoranthene	ng/g	<0.15	0.15	0.50	<0.22	0.22	0.49	<0.074	0.074	0.50	7194106
Pyrene	ng/g	<0.15	0.15	0.50	<0.21	0.21	0.49	<0.073	0.073	0.50	7194106
Benzo(a)anthracene	ng/g	<0.18	0.18	0.50	0.24	0.16	0.49	<0.079	0.079	0.50	7194106
Chrysene	ng/g	<0.19	0.19	0.50	<0.18	0.18	0.49	<0.083	0.083	0.50	7194106
Benzo(k)fluoranthene	ng/g	<0.28	0.28	0.50	<0.27	0.27	0.49	<0.23	0.23	0.50	7194106
Benzo(a)pyrene	ng/g	<0.33	0.33	0.50	<0.34	0.34	0.49	<0.28	0.28	0.50	7194106
Indeno(1,2,3-cd)pyrene	ng/g	<0.31	0.31	0.50	<0.29	0.29	0.49	<0.16	0.16	0.50	7194106
Dibenzo(a,h)anthracene	ng/g	<0.49	0.49	0.50	<0.38	0.38	0.49	<0.26	0.26	0.50	7194106
Benzo(g,h,i)perylene	ng/g	<0.24	0.24	0.50	<0.32	0.32	0.49	<0.15	0.15	0.50	7194106
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	96			96			87			7194106
Benz(a)anthracene-2H12	%	71			113			102			7194106
Benzo(a)pyrene-2H12	%	121			109			116			7194106
Benzo(b)fluoranthene-2H12	%	59			91			94			7194106
Benzo(g,h,i)perylene-2H12	%	71			80			84			7194106
Benzo(k)fluoranthene-2H12	%	96			111			104			7194106
Chrysene-2H12	%	102			113			104			7194106
Dibenzo(a,h)anthracene-2H14	%	46			66			54			7194106
Fluoranthene-2H10	%	97			117			96			7194106
Indeno(1,2,3-c,d)pyrene-2H12	%	54			79			70			7194106
Naphthalene-2H8	%	99 (1)			97 (1)			92 (1)			7194106
Perylene-2H12	%	123			100			100			7194106
Phenanthrene-2H10	%	79			71			76			7194106

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA102			NQA103		NQA119			
Sampling Date										
	UNITS	20ARM-HEP-19	EDL	RDL	20ARM-HEP-20	EDL	20ARM-HEP-21	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons										
Benzo(b/j)fluoranthene	ng/g	<0.16	0.16	0.98	<0.21	0.21	<0.14	0.14	0.97	7194106
Naphthalene	ng/g	0.86	0.33	0.49	1.26	0.28	0.72	0.28	0.48	7194106
Acenaphthylene	ng/g	<0.17	0.17	0.49	<0.080	0.080	<0.14	0.14	0.48	7194106
Acenaphthene	ng/g	0.33	0.16	0.49	0.35	0.14	0.24	0.12	0.48	7194106
Fluorene	ng/g	<0.10	0.10	0.49	0.20	0.18	<0.094	0.094	0.48	7194106
Phenanthrene	ng/g	0.33	0.20	0.49	0.30	0.18	<0.17	0.17	0.48	7194106
Anthracene	ng/g	3.68	0.22	0.49	1.11	0.20	6.73	0.19	0.48	7194106
Fluoranthene	ng/g	<0.15	0.15	0.49	<0.23	0.23	<0.070	0.070	0.48	7194106
Pyrene	ng/g	<0.15	0.15	0.49	<0.23	0.23	<0.069	0.069	0.48	7194106
Benzo(a)anthracene	ng/g	<0.11	0.11	0.49	0.22	0.16	<0.094	0.094	0.48	7194106
Chrysene	ng/g	<0.12	0.12	0.49	<0.18	0.18	<0.11	0.11	0.48	7194106
Benzo(k)fluoranthene	ng/g	<0.18	0.18	0.49	<0.22	0.22	<0.16	0.16	0.48	7194106
Benzo(a)pyrene	ng/g	<0.22	0.22	0.49	<0.29	0.29	<0.22	0.22	0.48	7194106
Indeno(1,2,3-cd)pyrene	ng/g	<0.24	0.24	0.49	<0.22	0.22	<0.27	0.27	0.48	7194106
Dibenzo(a,h)anthracene	ng/g	<0.31	0.31	0.49	<0.35	0.35	<0.40	0.40	0.48	7194106
Benzo(g,h,i)perylene	ng/g	<0.30	0.30	0.49	<0.20	0.20	<0.31	0.31	0.48	7194106
Surrogate Recovery (%)										
Acenaphthylene-2H8	%	84			100		86			7194106
Benz(a)anthracene-2H12	%	111			120		110			7194106
Benzo(a)pyrene-2H12	%	111			97		96			7194106
Benzo(b)fluoranthene-2H12	%	96			70		97			7194106
Benzo(g,h,i)perylene-2H12	%	71			71		86			7194106
Benzo(k)fluoranthene-2H12	%	93			94		100			7194106
Chrysene-2H12	%	107			119		100			7194106
Dibenzo(a,h)anthracene-2H14	%	79			62		78			7194106
Fluoranthene-2H10	%	104			97		108			7194106
Indeno(1,2,3-c,d)pyrene-2H12	%	84			70		100			7194106
Naphthalene-2H8	%	91 (1)			100 (1)		98 (1)			7194106
Perylene-2H12	%	100			84		104			7194106
Phenanthrene-2H10	%	76			73		81			7194106

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA136			NQA137			NQA138			
Sampling Date											
	UNITS	20ARM-HEP-22	EDL	RDL	20ARM-HEP-23	EDL	RDL	20ARM-HEP-24	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.17	0.17	0.98	<0.27	0.27	1.0	<0.20	0.20	0.98	7194106
Naphthalene	ng/g	0.95	0.28	0.49	0.63	0.34	0.50	0.50	0.17	0.49	7194106
Acenaphthylene	ng/g	<0.17	0.17	0.49	<0.13	0.13	0.50	<0.13	0.13	0.49	7194106
Acenaphthene	ng/g	0.35	0.23	0.49	<0.16	0.16	0.50	<0.094	0.094	0.49	7194106
Fluorene	ng/g	0.136	0.093	0.49	0.15	0.11	0.50	0.085	0.064	0.49	7194106
Phenanthrene	ng/g	0.27	0.18	0.49	0.29	0.16	0.50	0.158	0.094	0.49	7194106
Anthracene	ng/g	2.63	0.20	0.49	0.36	0.18	0.50	0.87	0.10	0.49	7194106
Fluoranthene	ng/g	<0.18	0.18	0.49	<0.13	0.13	0.50	<0.091	0.091	0.49	7194106
Pyrene	ng/g	<0.18	0.18	0.49	<0.13	0.13	0.50	<0.089	0.089	0.49	7194106
Benzo(a)anthracene	ng/g	<0.12	0.12	0.49	<0.12	0.12	0.50	<0.13	0.13	0.49	7194106
Chrysene	ng/g	<0.14	0.14	0.49	<0.13	0.13	0.50	<0.16	0.16	0.49	7194106
Benzo(k)fluoranthene	ng/g	<0.19	0.19	0.49	<0.27	0.27	0.50	<0.24	0.24	0.49	7194106
Benzo(a)pyrene	ng/g	<0.25	0.25	0.49	<0.36	0.36	0.50	<0.32	0.32	0.49	7194106
Indeno(1,2,3-cd)pyrene	ng/g	<0.18	0.18	0.49	<0.17	0.17	0.50	<0.20	0.20	0.49	7194106
Dibenzo(a,h)anthracene	ng/g	<0.21	0.21	0.49	<0.16	0.16	0.50	<0.36	0.36	0.49	7194106
Benzo(g,h,i)perylene	ng/g	<0.17	0.17	0.49	<0.20	0.20	0.50	<0.18	0.18	0.49	7194106
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	98			83			93			7194106
Benz(a)anthracene-2H12	%	114			101			121			7194106
Benzo(a)pyrene-2H12	%	111			112			136			7194106
Benzo(b)fluoranthene-2H12	%	114			93			141			7194106
Benzo(g,h,i)perylene-2H12	%	103			82			100			7194106
Benzo(k)fluoranthene-2H12	%	110			92			139			7194106
Chrysene-2H12	%	107			108			120			7194106
Dibenzo(a,h)anthracene-2H14	%	102			73			99			7194106
Fluoranthene-2H10	%	99			100			106			7194106
Indeno(1,2,3-c,d)pyrene-2H12	%	91			82			103			7194106
Naphthalene-2H8	%	96 (1)			87 (1)			90 (1)			7194106
Perylene-2H12	%	116			92			137			7194106
Phenanthrene-2H10	%	67			80			83			7194106

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA160			NQA161			NQA162			
Sampling Date											
	UNITS	20ARM-HEP-25	EDL	RDL	20ARM-HEP-26	EDL	RDL	20ARM-HEP-27	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.26	0.26	0.97	<0.20	0.20	0.98	<0.29	0.29	0.99	7194106
Naphthalene	ng/g	1.00	0.27	0.48	0.63	0.18	0.49	1.11	0.44	0.49	7194106
Acenaphthylene	ng/g	<0.14	0.14	0.48	<0.088	0.088	0.49	<0.44	0.44	0.49	7194106
Acenaphthene	ng/g	<0.22	0.22	0.48	0.34	0.13	0.49	<0.61	0.61	0.49	7194106
Fluorene	ng/g	<0.16	0.16	0.48	0.13	0.12	0.49	<0.27	0.27	0.49	7194106
Phenanthrene	ng/g	0.26	0.17	0.48	0.263	0.097	0.49	<0.66	0.66	0.49	7194106
Anthracene	ng/g	2.90	0.19	0.48	0.61	0.11	0.49	3.48	0.74	0.49	7194106
Fluoranthene	ng/g	<0.18	0.18	0.48	<0.15	0.15	0.49	<0.47	0.47	0.49	7194106
Pyrene	ng/g	<0.18	0.18	0.48	<0.14	0.14	0.49	<0.45	0.45	0.49	7194106
Benzo(a)anthracene	ng/g	1.37	0.14	0.48	<0.081	0.081	0.49	<0.27	0.27	0.49	7194106
Chrysene	ng/g	<0.16	0.16	0.48	<0.097	0.097	0.49	<0.30	0.30	0.49	7194106
Benzo(k)fluoranthene	ng/g	<0.30	0.30	0.48	<0.18	0.18	0.49	<0.30	0.30	0.49	7194106
Benzo(a)pyrene	ng/g	<0.37	0.37	0.48	<0.25	0.25	0.49	<0.42	0.42	0.49	7194106
Indeno(1,2,3-cd)pyrene	ng/g	<0.096	0.096	0.48	<0.49	0.49	0.49	<0.56	0.56	0.49	7194106
Dibenzo(a,h)anthracene	ng/g	<0.22	0.22	0.48	<0.47	0.47	0.49	<0.40	0.40	0.49	7194106
Benzo(g,h,i)perylene	ng/g	<0.15	0.15	0.48	<0.44	0.44	0.49	<0.56	0.56	0.49	7194106
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	90			83			94			7194106
Benz(a)anthracene-2H12	%	123			112			120			7194106
Benzo(a)pyrene-2H12	%	132			100			102			7194106
Benzo(b)fluoranthene-2H12	%	126			89			104			7194106
Benzo(g,h,i)perylene-2H12	%	99			88			91			7194106
Benzo(k)fluoranthene-2H12	%	117			108			101			7194106
Chrysene-2H12	%	98			103			106			7194106
Dibenzo(a,h)anthracene-2H14	%	130			66			97			7194106
Fluoranthene-2H10	%	91			101			98			7194106
Indeno(1,2,3-c,d)pyrene-2H12	%	124			71			93			7194106
Naphthalene-2H8	%	89 (1)			82 (1)			77 (1)			7194106
Perylene-2H12	%	111			104			100			7194106
Phenanthrene-2H10	%	86			84			81			7194106

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA164			NQA165			NQA166			
Sampling Date											
	UNITS	20ARM-HEP-28	EDL	RDL	20ARM-HEP-29	EDL	RDL	20ARM-HEP-30	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.41	0.41	0.99	<0.44	0.44	0.99	<0.52	0.52	1.0	7194106
Naphthalene	ng/g	0.94	0.40	0.49	1.14	0.55	0.50	1.76	0.74	0.50	7194106
Acenaphthylene	ng/g	<0.27	0.27	0.49	<0.40	0.40	0.50	<0.62	0.62	0.50	7194106
Acenaphthene	ng/g	<0.39	0.39	0.49	<0.55	0.55	0.50	<0.59	0.59	0.50	7194106
Fluorene	ng/g	<0.26	0.26	0.49	<0.19	0.19	0.50	<0.58	0.58	0.50	7194106
Phenanthrene	ng/g	<0.59	0.59	0.49	<0.59	0.59	0.50	<0.74	0.74	0.50	7194106
Anthracene	ng/g	11.4	0.67	0.49	3.54	0.67	0.50	4.14	0.84	0.50	7194106
Fluoranthene	ng/g	<0.44	0.44	0.49	<0.94	0.94	0.50	<0.69	0.69	0.50	7194106
Pyrene	ng/g	<0.42	0.42	0.49	<0.90	0.90	0.50	<0.66	0.66	0.50	7194106
Benzo(a)anthracene	ng/g	<0.36	0.36	0.49	<0.45	0.45	0.50	<0.60	0.60	0.50	7194106
Chrysene	ng/g	<0.46	0.46	0.49	0.67	0.60	0.50	<0.74	0.74	0.50	7194106
Benzo(k)fluoranthene	ng/g	<0.43	0.43	0.49	<0.45	0.45	0.50	<0.55	0.55	0.50	7194106
Benzo(a)pyrene	ng/g	<0.46	0.46	0.49	<1.1	1.1	0.50	<0.66	0.66	0.50	7194106
Indeno(1,2,3-cd)pyrene	ng/g	<0.39	0.39	0.49	<0.70	0.70	0.50	<0.46	0.46	0.50	7194106
Dibenzo(a,h)anthracene	ng/g	<0.31	0.31	0.49	<0.38	0.38	0.50	<0.49	0.49	0.50	7194106
Benzo(g,h,i)perylene	ng/g	<0.40	0.40	0.49	<0.62	0.62	0.50	<0.54	0.54	0.50	7194106
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	87			86			98			7194106
Benz(a)anthracene-2H12	%	127			138			121			7194106
Benzo(a)pyrene-2H12	%	121			64			122			7194106
Benzo(b)fluoranthene-2H12	%	99			120			124			7194106
Benzo(g,h,i)perylene-2H12	%	106			122			138			7194106
Benzo(k)fluoranthene-2H12	%	91			93			97			7194106
Chrysene-2H12	%	97			98			98			7194106
Dibenzo(a,h)anthracene-2H14	%	134			143			153			7194106
Fluoranthene-2H10	%	98			91			93			7194106
Indeno(1,2,3-c,d)pyrene-2H12	%	120			116			141			7194106
Naphthalene-2H8	%	79 (1)			77 (1)			88 (1)			7194106
Perylene-2H12	%	112			129			140			7194106
Phenanthrene-2H10	%	81			84			79			7194106

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA242			NQA243			NQA258			
Sampling Date											
	UNITS	20ARM-SOLE-01	EDL	RDL	20ARM-SOLE-02	EDL	RDL	20ARM-SOLE-03	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.16	0.16	0.98	<0.10	0.10	0.97	<0.12	0.12	0.97	7209103
Naphthalene	ng/g	0.70	0.22	0.49	0.66	0.26	0.49	0.67	0.20	0.48	7209103
Acenaphthylene	ng/g	<0.10	0.10	0.49	<0.15	0.15	0.49	<0.094	0.094	0.48	7209103
Acenaphthene	ng/g	<0.15	0.15	0.49	<0.12	0.12	0.49	<0.15	0.15	0.48	7209103
Fluorene	ng/g	0.160	0.083	0.49	0.109	0.057	0.49	0.126	0.095	0.48	7209103
Phenanthrene	ng/g	0.190	0.087	0.49	0.19	0.11	0.49	0.21	0.11	0.48	7209103
Anthracene	ng/g	0.169	0.098	0.49	<0.12	0.12	0.49	<0.12	0.12	0.48	7209103
Fluoranthene	ng/g	<0.094	0.094	0.49	<0.093	0.093	0.49	<0.10	0.10	0.48	7209103
Pyrene	ng/g	<0.090	0.090	0.49	<0.089	0.089	0.49	<0.097	0.097	0.48	7209103
Benzo(a)anthracene	ng/g	<0.091	0.091	0.49	<0.072	0.072	0.49	<0.072	0.072	0.48	7209103
Chrysene	ng/g	<0.090	0.090	0.49	<0.089	0.089	0.49	<0.080	0.080	0.48	7209103
Benzo(k)fluoranthene	ng/g	<0.14	0.14	0.49	<0.090	0.090	0.49	<0.11	0.11	0.48	7209103
Benzo(a)pyrene	ng/g	<0.25	0.25	0.49	<0.15	0.15	0.49	<0.15	0.15	0.48	7209103
Indeno(1,2,3-cd)pyrene	ng/g	<0.26	0.26	0.49	<0.20	0.20	0.49	<0.18	0.18	0.48	7209103
Dibenzo(a,h)anthracene	ng/g	<0.51	0.51	0.49	<0.28	0.28	0.49	<0.22	0.22	0.48	7209103
Benzo(g,h,i)perylene	ng/g	<0.22	0.22	0.49	<0.18	0.18	0.49	<0.16	0.16	0.48	7209103
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	102			98			75			7209103
Benz(a)anthracene-2H12	%	93			103			99			7209103
Benzo(a)pyrene-2H12	%	93			88			105			7209103
Benzo(b)fluoranthene-2H12	%	87			79			84			7209103
Benzo(g,h,i)perylene-2H12	%	93			80			112			7209103
Benzo(k)fluoranthene-2H12	%	122			110			121			7209103
Chrysene-2H12	%	119			105			105			7209103
Dibenzo(a,h)anthracene-2H14	%	58			57			79			7209103
Fluoranthene-2H10	%	95			93			86			7209103
Indeno(1,2,3-c,d)pyrene-2H12	%	66			67			90			7209103
Naphthalene-2H8	%	81 (1)			78 (1)			69 (1)			7209103
Perylene-2H12	%	147			96			150			7209103
Phenanthrene-2H10	%	56			55			52			7209103

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA266			NQA285			NQA316			
Sampling Date											
	UNITS	20ARM-SOLE-04	EDL	RDL	20ARM-SOLE-05	EDL	RDL	20ARM-SOLE-06	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.22	0.22	0.97	<0.14	0.14	0.96	<0.12	0.12	0.99	7209103
Naphthalene	ng/g	0.55	0.10	0.48	0.74	0.21	0.48	0.74	0.16	0.50	7209103
Acenaphthylene	ng/g	<0.072	0.072	0.48	<0.094	0.094	0.48	<0.16	0.16	0.50	7209103
Acenaphthene	ng/g	<0.11	0.11	0.48	<0.12	0.12	0.48	<0.15	0.15	0.50	7209103
Fluorene	ng/g	<0.12	0.12	0.48	0.12	0.11	0.48	0.118	0.091	0.50	7209103
Phenanthrene	ng/g	0.18	0.12	0.48	0.15	0.13	0.48	0.16	0.11	0.50	7209103
Anthracene	ng/g	0.16	0.14	0.48	<0.14	0.14	0.48	<0.12	0.12	0.50	7209103
Fluoranthene	ng/g	<0.14	0.14	0.48	<0.082	0.082	0.48	0.083	0.058	0.50	7209103
Pyrene	ng/g	<0.13	0.13	0.48	<0.079	0.079	0.48	<0.056	0.056	0.50	7209103
Benzo(a)anthracene	ng/g	<0.10	0.10	0.48	<0.098	0.098	0.48	<0.084	0.084	0.50	7209103
Chrysene	ng/g	<0.10	0.10	0.48	<0.098	0.098	0.48	<0.091	0.091	0.50	7209103
Benzo(k)fluoranthene	ng/g	<0.19	0.19	0.48	<0.13	0.13	0.48	<0.11	0.11	0.50	7209103
Benzo(a)pyrene	ng/g	<0.23	0.23	0.48	<0.19	0.19	0.48	<0.16	0.16	0.50	7209103
Indeno(1,2,3-cd)pyrene	ng/g	<0.17	0.17	0.48	<0.30	0.30	0.48	<0.27	0.27	0.50	7209103
Dibenzo(a,h)anthracene	ng/g	<0.33	0.33	0.48	<0.22	0.22	0.48	<0.49	0.49	0.50	7209103
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	0.48	<0.27	0.27	0.48	<0.30	0.30	0.50	7209103
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	83			100			97			7209103
Benz(a)anthracene-2H12	%	103			107			99			7209103
Benzo(a)pyrene-2H12	%	94			98			99			7209103
Benzo(b)fluoranthene-2H12	%	71			85			82			7209103
Benzo(g,h,i)perylene-2H12	%	106			79			78			7209103
Benzo(k)fluoranthene-2H12	%	106			114			104			7209103
Chrysene-2H12	%	112			110			93			7209103
Dibenzo(a,h)anthracene-2H14	%	74			66			65			7209103
Fluoranthene-2H10	%	91			93			86			7209103
Indeno(1,2,3-c,d)pyrene-2H12	%	77			64			62			7209103
Naphthalene-2H8	%	78 (1)			102 (1)			90 (1)			7209103
Perylene-2H12	%	116			105			86			7209103
Phenanthrene-2H10	%	56			84			72			7209103

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA353			NQA394			NQA426			
Sampling Date											
	UNITS	20ARM-SOLE-07	EDL	RDL	20ARM-SOLE-08	EDL	RDL	20ARM-SOLE-09	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.095	0.095	0.97	<0.24	0.24	0.96	<0.25	0.25	0.99	7209103
Naphthalene	ng/g	0.70	0.18	0.49	0.68	0.34	0.48	0.46	0.29	0.50	7209103
Acenaphthylene	ng/g	<0.10	0.10	0.49	<0.10	0.10	0.48	<0.085	0.085	0.50	7209103
Acenaphthene	ng/g	<0.11	0.11	0.49	<0.12	0.12	0.48	<0.12	0.12	0.50	7209103
Fluorene	ng/g	<0.12	0.12	0.49	<0.13	0.13	0.48	0.137	0.075	0.50	7209103
Phenanthrene	ng/g	0.18	0.15	0.49	0.21	0.12	0.48	<0.15	0.15	0.50	7209103
Anthracene	ng/g	<0.17	0.17	0.49	<0.14	0.14	0.48	<0.17	0.17	0.50	7209103
Fluoranthene	ng/g	<0.067	0.067	0.49	<0.095	0.095	0.48	<0.10	0.10	0.50	7209103
Pyrene	ng/g	<0.064	0.064	0.49	<0.091	0.091	0.48	<0.097	0.097	0.50	7209103
Benzo(a)anthracene	ng/g	<0.056	0.056	0.49	<0.083	0.083	0.48	<0.12	0.12	0.50	7209103
Chrysene	ng/g	<0.058	0.058	0.49	<0.083	0.083	0.48	<0.13	0.13	0.50	7209103
Benzo(k)fluoranthene	ng/g	<0.091	0.091	0.49	<0.23	0.23	0.48	<0.24	0.24	0.50	7209103
Benzo(a)pyrene	ng/g	<0.14	0.14	0.49	<0.31	0.31	0.48	<0.33	0.33	0.50	7209103
Indeno(1,2,3-cd)pyrene	ng/g	<0.15	0.15	0.49	<0.36	0.36	0.48	<0.27	0.27	0.50	7209103
Dibenzo(a,h)anthracene	ng/g	<0.18	0.18	0.49	<0.44	0.44	0.48	<0.40	0.40	0.50	7209103
Benzo(g,h,i)perylene	ng/g	<0.13	0.13	0.49	<0.32	0.32	0.48	<0.25	0.25	0.50	7209103
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	125			90			106			7209103
Benz(a)anthracene-2H12	%	103			101			95			7209103
Benzo(a)pyrene-2H12	%	91			97			92			7209103
Benzo(b)fluoranthene-2H12	%	93			77			71			7209103
Benzo(g,h,i)perylene-2H12	%	84			81			83			7209103
Benzo(k)fluoranthene-2H12	%	106			112			110			7209103
Chrysene-2H12	%	104			109			103			7209103
Dibenzo(a,h)anthracene-2H14	%	73			60			62			7209103
Fluoranthene-2H10	%	93			100			97			7209103
Indeno(1,2,3-c,d)pyrene-2H12	%	71			67			70			7209103
Naphthalene-2H8	%	115 (1)			91 (1)			109 (1)			7209103
Perylene-2H12	%	90			96			73			7209103
Phenanthrene-2H10	%	74			86			83			7209103

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA440			NQA441			NQA449			
Sampling Date											
	UNITS	20ARM-SOLE-10	EDL	RDL	20ARM-SOLE-11	EDL	RDL	20ARM-SOLE-12	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.20	0.20	0.97	<0.21	0.21	0.97	<0.14	0.14	0.98	7209103
Naphthalene	ng/g	0.53	0.24	0.48	0.74	0.21	0.49	0.47	0.15	0.49	7209103
Acenaphthylene	ng/g	<0.10	0.10	0.48	<0.20	0.20	0.49	<0.11	0.11	0.49	7209103
Acenaphthene	ng/g	<0.14	0.14	0.48	<0.18	0.18	0.49	<0.11	0.11	0.49	7209103
Fluorene	ng/g	<0.16	0.16	0.48	0.136	0.084	0.49	<0.089	0.089	0.49	7209103
Phenanthrene	ng/g	0.21	0.18	0.48	0.18	0.13	0.49	0.223	0.083	0.49	7209103
Anthracene	ng/g	<0.20	0.20	0.48	<0.15	0.15	0.49	<0.093	0.093	0.49	7209103
Fluoranthene	ng/g	<0.090	0.090	0.48	<0.11	0.11	0.49	<0.076	0.076	0.49	7209103
Pyrene	ng/g	<0.086	0.086	0.48	<0.10	0.10	0.49	<0.073	0.073	0.49	7209103
Benzo(a)anthracene	ng/g	<0.10	0.10	0.48	<0.086	0.086	0.49	<0.15	0.15	0.49	7209103
Chrysene	ng/g	<0.10	0.10	0.48	<0.091	0.091	0.49	<0.15	0.15	0.49	7209103
Benzo(k)fluoranthene	ng/g	<0.21	0.21	0.48	<0.21	0.21	0.49	<0.14	0.14	0.49	7209103
Benzo(a)pyrene	ng/g	<0.30	0.30	0.48	<0.29	0.29	0.49	<0.25	0.25	0.49	7209103
Indeno(1,2,3-cd)pyrene	ng/g	<0.30	0.30	0.48	<0.41	0.41	0.49	<0.25	0.25	0.49	7209103
Dibenzo(a,h)anthracene	ng/g	<0.34	0.34	0.48	<0.52	0.52	0.49	<0.32	0.32	0.49	7209103
Benzo(g,h,i)perylene	ng/g	<0.33	0.33	0.48	<0.31	0.31	0.49	<0.32	0.32	0.49	7209103
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	96			88			79			7209103
Benz(a)anthracene-2H12	%	106			100			95			7209103
Benzo(a)pyrene-2H12	%	115			113			85			7209103
Benzo(b)fluoranthene-2H12	%	104			89			87			7209103
Benzo(g,h,i)perylene-2H12	%	88			79			66			7209103
Benzo(k)fluoranthene-2H12	%	108			108			95			7209103
Chrysene-2H12	%	117			98			102			7209103
Dibenzo(a,h)anthracene-2H14	%	73			59			56			7209103
Fluoranthene-2H10	%	99			86			107			7209103
Indeno(1,2,3-c,d)pyrene-2H12	%	81			71			64			7209103
Naphthalene-2H8	%	108 (1)			86 (1)			87 (1)			7209103
Perylene-2H12	%	101			105			90			7209103
Phenanthrene-2H10	%	87			77			81			7209103

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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BV Labs - Partial/Rush Results

RESULTS OF ANALYSES OF TISSUE

BV Labs ID		NQA450			NQA463			NQA470			
Sampling Date											
	UNITS	20ARM-SOLE-13	EDL	RDL	20ARM-SOLE-14	EDL	RDL	20ARM-SOLE-15	EDL	RDL	QC Batch
Polyaromatic Hydrocarbons											
Benzo(b/j)fluoranthene	ng/g	<0.19	0.19	0.97	<0.12	0.12	0.97	<0.19	0.19	0.97	7209103
Naphthalene	ng/g	0.70	0.22	0.48	0.71	0.22	0.49	0.70	0.22	0.48	7209103
Acenaphthylene	ng/g	<0.13	0.13	0.48	<0.098	0.098	0.49	<0.12	0.12	0.48	7209103
Acenaphthene	ng/g	<0.14	0.14	0.48	<0.14	0.14	0.49	<0.10	0.10	0.48	7209103
Fluorene	ng/g	0.19	0.13	0.48	0.14	0.11	0.49	0.122	0.091	0.48	7209103
Phenanthrene	ng/g	0.22	0.13	0.48	<0.18	0.18	0.49	<0.12	0.12	0.48	7209103
Anthracene	ng/g	<0.14	0.14	0.48	<0.20	0.20	0.49	<0.13	0.13	0.48	7209103
Fluoranthene	ng/g	<0.085	0.085	0.48	<0.10	0.10	0.49	<0.13	0.13	0.48	7209103
Pyrene	ng/g	<0.082	0.082	0.48	<0.097	0.097	0.49	<0.12	0.12	0.48	7209103
Benzo(a)anthracene	ng/g	<0.086	0.086	0.48	<0.12	0.12	0.49	<0.11	0.11	0.48	7209103
Chrysene	ng/g	<0.089	0.089	0.48	<0.13	0.13	0.49	<0.10	0.10	0.48	7209103
Benzo(k)fluoranthene	ng/g	<0.18	0.18	0.48	<0.12	0.12	0.49	<0.16	0.16	0.48	7209103
Benzo(a)pyrene	ng/g	<0.26	0.26	0.48	<0.18	0.18	0.49	<0.26	0.26	0.48	7209103
Indeno(1,2,3-cd)pyrene	ng/g	<0.30	0.30	0.48	<0.26	0.26	0.49	<0.31	0.31	0.48	7209103
Dibenzo(a,h)anthracene	ng/g	<0.47	0.47	0.48	<0.53	0.53	0.49	<0.50	0.50	0.48	7209103
Benzo(g,h,i)perylene	ng/g	<0.29	0.29	0.48	<0.25	0.25	0.49	<0.28	0.28	0.48	7209103
Surrogate Recovery (%)											
Acenaphthylene-2H8	%	101			97			107			7209103
Benz(a)anthracene-2H12	%	107			96			93			7209103
Benzo(a)pyrene-2H12	%	107			93			104			7209103
Benzo(b)fluoranthene-2H12	%	93			89			83			7209103
Benzo(g,h,i)perylene-2H12	%	72			75			79			7209103
Benzo(k)fluoranthene-2H12	%	115			91			114			7209103
Chrysene-2H12	%	111			97			109			7209103
Dibenzo(a,h)anthracene-2H14	%	59			67			66			7209103
Fluoranthene-2H10	%	96			96			97			7209103
Indeno(1,2,3-c,d)pyrene-2H12	%	57			54			69			7209103
Naphthalene-2H8	%	109 (1)			101 (1)			115 (1)			7209103
Perylene-2H12	%	95			88			92			7209103
Phenanthrene-2H10	%	84			80			90			7209103

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) 13c-naphthalene used.

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GENERAL COMMENTS

For worksheets 6982339/696790/7055807:

Blank was found to contain numerous PCB congeners greater than the RDL. Glassware blank and proofing of materials and equipment used in the analysis of the PCB tissue samples were determined to be clean and not a contributor to the observed contamination. Please view results with caution.

A few native recoveries in the Spike were found to be above method criteria, due to the background in matrix used for blank and blank spike. No effect to sample results.

Results relate only to the items tested.

BV Labs - Partial/Rush Results

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QUALITY ASSURANCE REPORT

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6999597	Acenaphthylene-2H8	2020/10/15	80	23 - 239	81	23 - 239	68	%		
6999597	Benz(a)anthracene-2H12	2020/10/15	73	12 - 605	72	12 - 605	70	%		
6999597	Benzo(a)pyrene-2H12	2020/10/15	82	21 - 290	86	21 - 290	74	%		
6999597	Benzo(b)fluoranthene-2H12	2020/10/15	82	24 - 159	88	24 - 159	72	%		
6999597	Benzo(g,h,i)perylene-2H12	2020/10/15	61	14 - 529	64	14 - 529	56	%		
6999597	Benzo(k)fluoranthene-2H12	2020/10/15	90	11 - 162	89	11 - 162	80	%		
6999597	Chrysene-2H12	2020/10/15	75	13 - 512	77	13 - 512	72	%		
6999597	Dibenzo(a,h)anthracene-2H14	2020/10/15	61	1 - 227	63	1 - 227	57	%		
6999597	Fluoranthene-2H10	2020/10/15	80	20 - 278	85	20 - 278	70	%		
6999597	Indeno(1,2,3-c,d)pyrene-2H12	2020/10/15	67	1 - 171	68	1 - 171	60	%		
6999597	Naphthalene-2H8	2020/10/15	74 (1)	14 - 305	82 (1)	14 - 305	69 (1)	%		
6999597	Perylene-2H12	2020/10/15	80	21 - 290	81	21 - 290	68	%		
6999597	Phenanthrene-2H10	2020/10/15	72	24 - 241	72	24 - 241	65	%		
7033713	Acenaphthylene-2H8	2020/11/02	98	23 - 239	73	23 - 239	71	%		
7033713	Benz(a)anthracene-2H12	2020/11/02	96	12 - 605	81	12 - 605	80	%		
7033713	Benzo(a)pyrene-2H12	2020/11/02	103	21 - 290	81	21 - 290	91	%		
7033713	Benzo(b)fluoranthene-2H12	2020/11/02	76	24 - 159	75	24 - 159	78	%		
7033713	Benzo(g,h,i)perylene-2H12	2020/11/02	72	14 - 529	69	14 - 529	72	%		
7033713	Benzo(k)fluoranthene-2H12	2020/11/02	108	11 - 162	96	11 - 162	105	%		
7033713	Chrysene-2H12	2020/11/02	89	13 - 512	79	13 - 512	75	%		
7033713	Dibenzo(a,h)anthracene-2H14	2020/11/02	71	1 - 227	64	1 - 227	66	%		
7033713	Fluoranthene-2H10	2020/11/02	90	20 - 278	78	20 - 278	90	%		
7033713	Indeno(1,2,3-c,d)pyrene-2H12	2020/11/02	69	1 - 171	78	1 - 171	64	%		
7033713	Naphthalene-2H8	2020/11/02	102 (1)	14 - 305	76 (1)	14 - 305	95 (1)	%		
7033713	Perylene-2H12	2020/11/02	90	21 - 290	92	21 - 290	74	%		
7033713	Phenanthrene-2H10	2020/11/02	64	24 - 241	57	24 - 241	58	%		
7052796	Acenaphthylene-2H8	2020/11/17	73	23 - 239	74	23 - 239	76	%		
7052796	Benz(a)anthracene-2H12	2020/11/17	98	12 - 605	74	12 - 605	83	%		
7052796	Benzo(a)pyrene-2H12	2020/11/17	84	21 - 290	77	21 - 290	78	%		
7052796	Benzo(b)fluoranthene-2H12	2020/11/17	82	24 - 159	83	24 - 159	86	%		
7052796	Benzo(g,h,i)perylene-2H12	2020/11/17	67	14 - 529	67	14 - 529	65	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7052796	Benzo(k)fluoranthene-2H12	2020/11/17	87	11 - 162	79	11 - 162	67	%		
7052796	Chrysene-2H12	2020/11/17	92	13 - 512	74	13 - 512	79	%		
7052796	Dibenzo(a,h)anthracene-2H14	2020/11/17	69	1 - 227	59	1 - 227	61	%		
7052796	Fluoranthene-2H10	2020/11/17	76	20 - 278	74	20 - 278	73	%		
7052796	Indeno(1,2,3-c,d)pyrene-2H12	2020/11/17	61	1 - 171	63	1 - 171	72	%		
7052796	Naphthalene-2H8	2020/11/17	67 (4)	14 - 305	66 (4)	14 - 305	66 (4)	%		
7052796	Perylene-2H12	2020/11/17	80	21 - 290	74	21 - 290	74	%		
7052796	Phenanthrene-2H10	2020/11/17	81	24 - 241	90	24 - 241	89	%		
7064618	Acenaphthylene-2H8	2020/11/20	92	23 - 239	90	23 - 239	84	%		
7064618	Benz(a)anthracene-2H12	2020/11/20	113	12 - 605	109	12 - 605	97	%		
7064618	Benzo(a)pyrene-2H12	2020/11/20	92	21 - 290	91	21 - 290	92	%		
7064618	Benzo(b)fluoranthene-2H12	2020/11/20	109	24 - 159	96	24 - 159	102	%		
7064618	Benzo(g,h,i)perylene-2H12	2020/11/20	85	14 - 529	78	14 - 529	69	%		
7064618	Benzo(k)fluoranthene-2H12	2020/11/20	101	11 - 162	98	11 - 162	91	%		
7064618	Chrysene-2H12	2020/11/20	106	13 - 512	98	13 - 512	89	%		
7064618	Dibenzo(a,h)anthracene-2H14	2020/11/20	105	1 - 227	83	1 - 227	74	%		
7064618	Fluoranthene-2H10	2020/11/20	92	20 - 278	100	20 - 278	97	%		
7064618	Indeno(1,2,3-c,d)pyrene-2H12	2020/11/20	84	1 - 171	88	1 - 171	75	%		
7064618	Naphthalene-2H8	2020/11/20	86 (4)	14 - 305	82 (4)	14 - 305	84 (4)	%		
7064618	Perylene-2H12	2020/11/20	101	21 - 290	87	21 - 290	88	%		
7064618	Phenanthrene-2H10	2020/11/20	93	24 - 241	98	24 - 241	106	%		
7087894	Acenaphthylene-2H8	2020/12/15	92	23 - 239	68	23 - 239	86	%		
7087894	Benz(a)anthracene-2H12	2020/12/15	97	12 - 605	91	12 - 605	95	%		
7087894	Benzo(a)pyrene-2H12	2020/12/15	111	21 - 290	75	21 - 290	94	%		
7087894	Benzo(b)fluoranthene-2H12	2020/12/15	86	24 - 159	93	24 - 159	94	%		
7087894	Benzo(g,h,i)perylene-2H12	2020/12/15	79	14 - 529	83	14 - 529	74	%		
7087894	Benzo(k)fluoranthene-2H12	2020/12/15	108	11 - 162	96	11 - 162	95	%		
7087894	Chrysene-2H12	2020/12/15	99	13 - 512	101	13 - 512	102	%		
7087894	Dibenzo(a,h)anthracene-2H14	2020/12/15	94	1 - 227	75	1 - 227	68	%		
7087894	Fluoranthene-2H10	2020/12/15	94	20 - 278	103	20 - 278	108	%		
7087894	Indeno(1,2,3-c,d)pyrene-2H12	2020/12/15	91	1 - 171	83	1 - 171	64	%		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7087894	Naphthalene-2H8	2020/12/15	97 (4)	14 - 305	94 (4)	14 - 305	95 (4)	%		
7087894	Perylene-2H12	2020/12/15	93	21 - 290	86	21 - 290	89	%		
7087894	Phenanthrene-2H10	2020/12/15	81	24 - 241	83	24 - 241	88	%		
7099540	Acenaphthylene-2H8	2020/12/31	70	23 - 239	73	23 - 239	64	%		
7099540	Benz(a)anthracene-2H12	2020/12/31	95	12 - 605	106	12 - 605	92	%		
7099540	Benzo(a)pyrene-2H12	2020/12/31	100	21 - 290	112	21 - 290	83	%		
7099540	Benzo(b)fluoranthene-2H12	2020/12/31	81	24 - 159	100	24 - 159	79	%		
7099540	Benzo(g,h,i)perylene-2H12	2020/12/31	66	14 - 529	90	14 - 529	60	%		
7099540	Benzo(k)fluoranthene-2H12	2020/12/31	91	11 - 162	118	11 - 162	81	%		
7099540	Chrysene-2H12	2020/12/31	103	13 - 512	115	13 - 512	89	%		
7099540	Dibenzo(a,h)anthracene-2H14	2020/12/31	64	1 - 227	90	1 - 227	51	%		
7099540	Fluoranthene-2H10	2020/12/31	95	20 - 278	107	20 - 278	87	%		
7099540	Indeno(1,2,3-c,d)pyrene-2H12	2020/12/31	77	1 - 171	80	1 - 171	61	%		
7099540	Naphthalene-2H8	2020/12/31	95 (4)	14 - 305	89 (4)	14 - 305	72 (4)	%		
7099540	Perylene-2H12	2020/12/31	88	21 - 290	97	21 - 290	81	%		
7099540	Phenanthrene-2H10	2020/12/31	84	24 - 241	88	24 - 241	82	%		
7194106	Acenaphthylene-2H8	2021/02/12	90	23 - 239	81	23 - 239	74	%		
7194106	Benz(a)anthracene-2H12	2021/02/12	98	12 - 605	93	12 - 605	76	%		
7194106	Benzo(a)pyrene-2H12	2021/02/12	99	21 - 290	113	21 - 290	102	%		
7194106	Benzo(b)fluoranthene-2H12	2021/02/12	88 (6)	24 - 159	88 (6)	24 - 159	68	%		
7194106	Benzo(g,h,i)perylene-2H12	2021/02/12	97	14 - 529	69	14 - 529	61	%		
7194106	Benzo(k)fluoranthene-2H12	2021/02/12	136	11 - 162	145	11 - 162	79	%		
7194106	Chrysene-2H12	2021/02/12	119	13 - 512	100	13 - 512	94	%		
7194106	Dibenzo(a,h)anthracene-2H14	2021/02/12	88	1 - 227	48	1 - 227	48	%		
7194106	Fluoranthene-2H10	2021/02/12	106	20 - 278	103	20 - 278	101	%		
7194106	Indeno(1,2,3-c,d)pyrene-2H12	2021/02/12	117	1 - 171	64	1 - 171	54	%		
7194106	Naphthalene-2H8	2021/02/12	99 (1)	14 - 305	94 (1)	14 - 305	93 (1)	%		
7194106	Perylene-2H12	2021/02/12	130	21 - 290	80	21 - 290	84	%		
7194106	Phenanthrene-2H10	2021/02/12	80	24 - 241	74	24 - 241	75	%		
7203993	Acenaphthylene-2H8	2021/02/18	81	23 - 239	88	23 - 239	79	%		
7203993	Benz(a)anthracene-2H12	2021/02/18	81	12 - 605	71	12 - 605	99	%		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7203993	Benzo(a)pyrene-2H12	2021/02/18	78	21 - 290	87	21 - 290	101	%		
7203993	Benzo(b)fluoranthene-2H12	2021/02/18	79 (6)	24 - 159	87 (6)	24 - 159	82	%		
7203993	Benzo(g,h,i)perylene-2H12	2021/02/18	53	14 - 529	62	14 - 529	70	%		
7203993	Benzo(k)fluoranthene-2H12	2021/02/18	119	11 - 162	135	11 - 162	106	%		
7203993	Chrysene-2H12	2021/02/18	96	13 - 512	97	13 - 512	98	%		
7203993	Dibenzo(a,h)anthracene-2H14	2021/02/18	56	1 - 227	53	1 - 227	48	%		
7203993	Fluoranthene-2H10	2021/02/18	91	20 - 278	101	20 - 278	85	%		
7203993	Indeno(1,2,3-c,d)pyrene-2H12	2021/02/18	59	1 - 171	64	1 - 171	57	%		
7203993	Naphthalene-2H8	2021/02/18	82 (4)	14 - 305	90 (4)	14 - 305	86 (4)	%		
7203993	Perylene-2H12	2021/02/18	85	21 - 290	87	21 - 290	92	%		
7203993	Phenanthrene-2H10	2021/02/18	64	24 - 241	92	24 - 241	73	%		
7209103	Acenaphthylene-2H8	2021/02/22	85	23 - 239	113	23 - 239	78	%		
7209103	Benz(a)anthracene-2H12	2021/02/22	101	12 - 605	97	12 - 605	77	%		
7209103	Benzo(a)pyrene-2H12	2021/02/22	97	21 - 290	101	21 - 290	95	%		
7209103	Benzo(b)fluoranthene-2H12	2021/02/22	70 (6)	24 - 159	77 (6)	24 - 159	67	%		
7209103	Benzo(g,h,i)perylene-2H12	2021/02/22	85	14 - 529	84	14 - 529	69	%		
7209103	Benzo(k)fluoranthene-2H12	2021/02/22	122	11 - 162	123	11 - 162	91	%		
7209103	Chrysene-2H12	2021/02/22	111	13 - 512	101	13 - 512	106	%		
7209103	Dibenzo(a,h)anthracene-2H14	2021/02/22	69	1 - 227	79	1 - 227	49	%		
7209103	Fluoranthene-2H10	2021/02/22	97	20 - 278	97	20 - 278	97	%		
7209103	Indeno(1,2,3-c,d)pyrene-2H12	2021/02/22	76	1 - 171	75	1 - 171	54	%		
7209103	Naphthalene-2H8	2021/02/22	91 (4)	14 - 305	97 (4)	14 - 305	79 (4)	%		
7209103	Perylene-2H12	2021/02/22	89	21 - 290	103	21 - 290	130	%		
7209103	Phenanthrene-2H10	2021/02/22	81	24 - 241	86	24 - 241	58	%		
6999597	Acenaphthene	2020/10/15	113	50 - 150	106	60 - 140	0.0718, RDL=0.49	ng/g	1.6	50
6999597	Acenaphthylene	2020/10/15	113	50 - 150	111	60 - 140	0.042, RDL=0.49	ng/g	NC	50
6999597	Anthracene	2020/10/15	106	50 - 150	106	60 - 140	0.041, RDL=0.49	ng/g	NC	50
6999597	Benzo(a)anthracene	2020/10/15	102	50 - 150	106	60 - 140	0.0121, RDL=0.49	ng/g	NC	50
6999597	Benzo(a)pyrene	2020/10/15	94	50 - 150	94	60 - 140	0.0095, RDL=0.49	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6999597	Benzo(b/j)fluoranthene	2020/10/15	97	50 - 150	104	60 - 140	0.0148, RDL=0.99	ng/g	NC	50
6999597	Benzo(g,h,i)perylene	2020/10/15	101	50 - 150	103	60 - 140	0.0303, RDL=0.49	ng/g	NC	50
6999597	Benzo(k)fluoranthene	2020/10/15	112	50 - 150	113	60 - 140	0.0079, RDL=0.49	ng/g	NC	50
6999597	Chrysene	2020/10/15	103	50 - 150	105	60 - 140	0.0138, RDL=0.49	ng/g	NC	50
6999597	Dibenzo(a,h)anthracene	2020/10/15	115	50 - 150	111	60 - 140	0.0151, RDL=0.49	ng/g	NC	50
6999597	Fluoranthene	2020/10/15	86	50 - 150	102	60 - 140	0.0556, RDL=0.49	ng/g	NC	50
6999597	Fluorene	2020/10/15	102	50 - 150	98	60 - 140	0.163, RDL=0.49	ng/g	NC	50
6999597	Indeno(1,2,3-cd)pyrene	2020/10/15	107	50 - 150	108	60 - 140	0.0112, RDL=0.49	ng/g	NC	50
6999597	Naphthalene	2020/10/15	94	50 - 150	98	60 - 140	0.755, RDL=0.49 (2)	ng/g	8.1	50
6999597	Phenanthrene	2020/10/15	103	50 - 150	106	60 - 140	0.175, RDL=0.49	ng/g	NC	50
6999597	Pyrene	2020/10/15	110	50 - 150	112	60 - 140	0.0914, RDL=0.49	ng/g	NC	50
7033713	Acenaphthene	2020/11/16	109	50 - 150	107	60 - 140	<0.20	ng/g	24	50
7033713	Acenaphthylene	2020/11/16	116	50 - 150	119	60 - 140	<0.23	ng/g	20	50
7033713	Anthracene	2020/11/16	123	50 - 150	96	60 - 140	<0.16	ng/g	9.0	50
7033713	Benzo(a)anthracene	2020/11/16	101	50 - 150	108	60 - 140	<0.095	ng/g	10	50
7033713	Benzo(a)pyrene	2020/11/16	88	50 - 150	106	60 - 140	<0.18	ng/g	NC	50
7033713	Benzo(b/j)fluoranthene	2020/11/16	109	50 - 150	113	60 - 140	<0.13	ng/g	NC	50
7033713	Benzo(g,h,i)perylene	2020/11/16	93	50 - 150	95	60 - 140	<0.19	ng/g	NC	50
7033713	Benzo(k)fluoranthene	2020/11/16	104	50 - 150	125	60 - 140	<0.12	ng/g	NC	50
7033713	Chrysene	2020/11/16	121	50 - 150	113	60 - 140	<0.098	ng/g	0.095	50
7033713	Dibenzo(a,h)anthracene	2020/11/16	98	50 - 150	114	60 - 140	<0.17	ng/g	NC	50
7033713	Fluoranthene	2020/11/16	95	50 - 150	106	60 - 140	0.095, RDL=0.50	ng/g	12	50
7033713	Fluorene	2020/11/16	132	50 - 150	134	60 - 140	0.43, RDL=0.50	ng/g	18	50
7033713	Indeno(1,2,3-cd)pyrene	2020/11/16	109	50 - 150	93	60 - 140	<0.16	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7033713	Naphthalene	2020/11/16	108	50 - 150	143 (3)	60 - 140	1.49, RDL=0.50 (3)	ng/g	17	50
7033713	Phenanthrene	2020/11/16	114	50 - 150	111	60 - 140	0.23, RDL=0.50	ng/g	16	50
7033713	Pyrene	2020/11/16	111	50 - 150	119	60 - 140	0.098, RDL=0.50	ng/g	NC	50
7052796	Acenaphthene	2020/11/18	106	50 - 150	93	60 - 140	0.118, RDL=0.50	ng/g	11	50
7052796	Acenaphthylene	2020/11/18	108	50 - 150	102	60 - 140	<0.094	ng/g	NC	50
7052796	Anthracene	2020/11/18	94	50 - 150	90	60 - 140	<0.052	ng/g	NC	50
7052796	Benzo(a)anthracene	2020/11/18	90	50 - 150	103	60 - 140	<0.043	ng/g	NC	50
7052796	Benzo(a)pyrene	2020/11/18	90	50 - 150	101	60 - 140	<0.12	ng/g	NC	50
7052796	Benzo(b/j)fluoranthene	2020/11/18	98	50 - 150	86	60 - 140	<0.065	ng/g	NC	50
7052796	Benzo(g,h,i)perylene	2020/11/18	90	50 - 150	90	60 - 140	<0.13	ng/g	NC	50
7052796	Benzo(k)fluoranthene	2020/11/18	101	50 - 150	107	60 - 140	<0.081	ng/g	NC	50
7052796	Chrysene	2020/11/18	100	50 - 150	109	60 - 140	<0.047	ng/g	NC	50
7052796	Dibenzo(a,h)anthracene	2020/11/18	94	50 - 150	85	60 - 140	<0.15	ng/g	NC	50
7052796	Fluoranthene	2020/11/18	100	50 - 150	103	60 - 140	0.096, RDL=0.50	ng/g	NC	50
7052796	Fluorene	2020/11/18	88	50 - 150	87	60 - 140	0.289, RDL=0.50	ng/g	3.3	50
7052796	Indeno(1,2,3-cd)pyrene	2020/11/18	114	50 - 150	101	60 - 140	<0.13	ng/g	NC	50
7052796	Naphthalene	2020/11/18	102	50 - 150	122	60 - 140	1.14, RDL=0.50 (3)	ng/g	2.0	50
7052796	Phenanthrene	2020/11/18	97	50 - 150	99	60 - 140	0.319, RDL=0.50	ng/g	NC	50
7052796	Pyrene	2020/11/18	125	50 - 150	119	60 - 140	<0.049	ng/g	NC	50
7064618	Acenaphthene	2020/11/21	91	50 - 150	100	60 - 140	0.080, RDL=0.50	ng/g	NC	50
7064618	Acenaphthylene	2020/11/21	107	50 - 150	105	60 - 140	<0.090	ng/g	NC	50
7064618	Anthracene	2020/11/21	93	50 - 150	95	60 - 140	<0.084	ng/g	NC	50
7064618	Benzo(a)anthracene	2020/11/21	94	50 - 150	86	60 - 140	<0.061	ng/g	NC	50
7064618	Benzo(a)pyrene	2020/11/21	109	50 - 150	97	60 - 140	<0.19	ng/g	NC	50
7064618	Benzo(b/j)fluoranthene	2020/11/21	89	50 - 150	93	60 - 140	<0.090	ng/g	NC	50
7064618	Benzo(g,h,i)perylene	2020/11/21	107	50 - 150	95	60 - 140	<0.22	ng/g	NC	50
7064618	Benzo(k)fluoranthene	2020/11/21	96	50 - 150	96	60 - 140	<0.13	ng/g	NC	50
7064618	Chrysene	2020/11/21	98	50 - 150	103	60 - 140	<0.068	ng/g	NC	50
7064618	Dibenzo(a,h)anthracene	2020/11/21	83	50 - 150	101	60 - 140	<0.27	ng/g	NC	50
7064618	Fluoranthene	2020/11/21	94	50 - 150	91	60 - 140	0.101, RDL=0.50	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7064618	Fluorene	2020/11/21	86	50 - 150	91	60 - 140	0.218, RDL=0.50	ng/g	NC	50
7064618	Indeno(1,2,3-cd)pyrene	2020/11/21	123	50 - 150	79	60 - 140	<0.21	ng/g	NC	50
7064618	Naphthalene	2020/11/21	96	50 - 150	113	60 - 140	0.99, RDL=0.50 (5)	ng/g	35	50
7064618	Phenanthrene	2020/11/21	95	50 - 150	103	60 - 140	0.218, RDL=0.50	ng/g	NC	50
7064618	Pyrene	2020/11/21	110	50 - 150	110	60 - 140	0.096, RDL=0.50	ng/g	NC	50
7087894	Acenaphthene	2020/12/16	88	50 - 150	137	60 - 140	<0.18	ng/g	7.2	50
7087894	Acenaphthylene	2020/12/16	110	50 - 150	115	60 - 140	<0.096	ng/g	12	50
7087894	Anthracene	2020/12/16	67	50 - 150	88	60 - 140	<0.10	ng/g	19	50
7087894	Benzo(a)anthracene	2020/12/16	102	50 - 150	116	60 - 140	<0.052	ng/g	NC	50
7087894	Benzo(a)pyrene	2020/12/16	80	50 - 150	107	60 - 140	<0.15	ng/g	NC	50
7087894	Benzo(b/j)fluoranthene	2020/12/16	113	50 - 150	109	60 - 140	<0.095	ng/g	NC	50
7087894	Benzo(g,h,i)perylene	2020/12/16	105	50 - 150	94	60 - 140	<0.14	ng/g	NC	50
7087894	Benzo(k)fluoranthene	2020/12/16	91	50 - 150	102	60 - 140	<0.12	ng/g	NC	50
7087894	Chrysene	2020/12/16	110	50 - 150	107	60 - 140	<0.050	ng/g	NC	50
7087894	Dibenzo(a,h)anthracene	2020/12/16	96	50 - 150	116	60 - 140	<0.17	ng/g	NC	50
7087894	Fluoranthene	2020/12/16	96	50 - 150	96	60 - 140	0.124, RDL=0.50	ng/g	NC	50
7087894	Fluorene	2020/12/16	97	50 - 150	104	60 - 140	0.368, RDL=0.50	ng/g	17	50
7087894	Indeno(1,2,3-cd)pyrene	2020/12/16	110	50 - 150	117	60 - 140	<0.14	ng/g	NC	50
7087894	Naphthalene	2020/12/16	86	50 - 150	123	60 - 140	1.11, RDL=0.50 (3)	ng/g	17	50
7087894	Phenanthrene	2020/12/16	107	50 - 150	109	60 - 140	0.220, RDL=0.50	ng/g	NC	50
7087894	Pyrene	2020/12/16	115	50 - 150	109	60 - 140	0.093, RDL=0.50	ng/g	NC	50
7099540	Acenaphthene	2020/12/31	111	50 - 150	123	60 - 140	<0.13	ng/g	50	50
7099540	Acenaphthylene	2020/12/31	112	50 - 150	121	60 - 140	<0.094	ng/g	NC	50
7099540	Anthracene	2020/12/31	94	50 - 150	90	60 - 140	<0.12	ng/g	NC	50
7099540	Benzo(a)anthracene	2020/12/31	91	50 - 150	96	60 - 140	<0.048	ng/g	NC	50
7099540	Benzo(a)pyrene	2020/12/31	98	50 - 150	87	60 - 140	<0.14	ng/g	NC	50
7099540	Benzo(b/j)fluoranthene	2020/12/31	96	50 - 150	101	60 - 140	<0.090	ng/g	NC	50
7099540	Benzo(g,h,i)perylene	2020/12/31	102	50 - 150	92	60 - 140	<0.15	ng/g	NC	50
7099540	Benzo(k)fluoranthene	2020/12/31	115	50 - 150	92	60 - 140	<0.11	ng/g	NC	50
7099540	Chrysene	2020/12/31	108	50 - 150	105	60 - 140	<0.054	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099540	Dibenzo(a,h)anthracene	2020/12/31	109	50 - 150	96	60 - 140	<0.23	ng/g	NC	50
7099540	Fluoranthene	2020/12/31	98	50 - 150	99	60 - 140	<0.091	ng/g	NC	50
7099540	Fluorene	2020/12/31	103	50 - 150	105	60 - 140	0.302, RDL=0.50	ng/g	NC	50
7099540	Indeno(1,2,3-cd)pyrene	2020/12/31	102	50 - 150	108	60 - 140	<0.13	ng/g	NC	50
7099540	Naphthalene	2020/12/31	97	50 - 150	118	60 - 140	0.88, RDL=0.50 (3)	ng/g	31	50
7099540	Phenanthrene	2020/12/31	108	50 - 150	109	60 - 140	0.38, RDL=0.50	ng/g	40	50
7099540	Pyrene	2020/12/31	115	50 - 150	119	60 - 140	<0.087	ng/g	NC	50
7194106	Acenaphthene	2021/02/18	117	50 - 150	133	60 - 140	<0.17	ng/g	NC	50
7194106	Acenaphthylene	2021/02/18	123	50 - 150	132	60 - 140	<0.21	ng/g	NC	50
7194106	Anthracene	2021/02/18	75	50 - 150	101	60 - 140	<0.21	ng/g	46	50
7194106	Benzo(a)anthracene	2021/02/18	111	50 - 150	108	60 - 140	0.22, RDL=0.48	ng/g	NC	50
7194106	Benzo(a)pyrene	2021/02/18	103	50 - 150	87	60 - 140	<0.38	ng/g	NC	50
7194106	Benzo(b/j)fluoranthene	2021/02/18	116	50 - 150	108	60 - 140	<0.30	ng/g	NC	50
7194106	Benzo(g,h,i)perylene	2021/02/18	111	50 - 150	101	60 - 140	<0.32	ng/g	NC	50
7194106	Benzo(k)fluoranthene	2021/02/18	135	50 - 150	80	60 - 140	<0.29	ng/g	NC	50
7194106	Chrysene	2021/02/18	93	50 - 150	96	60 - 140	<0.16	ng/g	NC	50
7194106	Dibenzo(a,h)anthracene	2021/02/18	104	50 - 150	106	60 - 140	<0.52	ng/g	NC	50
7194106	Fluoranthene	2021/02/18	97	50 - 150	96	60 - 140	0.34, RDL=0.48	ng/g	NC	50
7194106	Fluorene	2021/02/18	125	50 - 150	119	60 - 140	<0.15	ng/g	NC	50
7194106	Indeno(1,2,3-cd)pyrene	2021/02/18	83	50 - 150	100	60 - 140	<0.27	ng/g	NC	50
7194106	Naphthalene	2021/02/18	106	50 - 150	121	60 - 140	0.65, RDL=0.48 (7)	ng/g	29	50
7194106	Phenanthrene	2021/02/18	113	50 - 150	116	60 - 140	0.29, RDL=0.48	ng/g	NC	50
7194106	Pyrene	2021/02/18	114	50 - 150	104	60 - 140	0.37, RDL=0.48	ng/g	NC	50
7203993	Acenaphthene	2021/02/19	110	50 - 150	89	60 - 140	<0.34	ng/g	NC	50
7203993	Acenaphthylene	2021/02/19	120	50 - 150	105	60 - 140	<0.23	ng/g	NC	50
7203993	Anthracene	2021/02/19	93	50 - 150	89	60 - 140	<0.24	ng/g	NC	50
7203993	Benzo(a)anthracene	2021/02/19	106	50 - 150	137	60 - 140	<0.20	ng/g	NC	50
7203993	Benzo(a)pyrene	2021/02/19	101	50 - 150	107	60 - 140	<0.53	ng/g	NC	50
7203993	Benzo(b/j)fluoranthene	2021/02/19	124	50 - 150	114	60 - 140	<0.44	ng/g	NC	50
7203993	Benzo(g,h,i)perylene	2021/02/19	108	50 - 150	112	60 - 140	<0.61	ng/g	NC	50

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7203993	Benzo(k)fluoranthene	2021/02/19	97	50 - 150	96	60 - 140	<0.46	ng/g	NC	50
7203993	Chrysene	2021/02/19	94	50 - 150	111	60 - 140	<0.20	ng/g	NC	50
7203993	Dibenzo(a,h)anthracene	2021/02/19	119	50 - 150	97	60 - 140	<0.57	ng/g	NC	50
7203993	Fluoranthene	2021/02/19	95	50 - 150	109	60 - 140	<0.19	ng/g	NC	50
7203993	Fluorene	2021/02/19	102	50 - 150	120	60 - 140	0.31, RDL=0.49	ng/g	NC	50
7203993	Indeno(1,2,3-cd)pyrene	2021/02/19	83	50 - 150	94	60 - 140	<0.63	ng/g	NC	50
7203993	Naphthalene	2021/02/19	97	50 - 150	128	60 - 140	1.10, RDL=0.49 (3)	ng/g	13	50
7203993	Phenanthrene	2021/02/19	95	50 - 150	98	60 - 140	<0.23	ng/g	NC	50
7203993	Pyrene	2021/02/19	120	50 - 150	119	60 - 140	0.26, RDL=0.49	ng/g	NC	50
7209103	Acenaphthene	2021/02/24	113	50 - 150	95	60 - 140	<0.10	ng/g	NC	50
7209103	Acenaphthylene	2021/02/24	128	50 - 150	104	60 - 140	0.15, RDL=0.49	ng/g	NC	50
7209103	Anthracene	2021/02/24	103	50 - 150	100	60 - 140	<0.11	ng/g	NC	50
7209103	Benzo(a)anthracene	2021/02/24	102	50 - 150	101	60 - 140	<0.092	ng/g	NC	50
7209103	Benzo(a)pyrene	2021/02/24	96	50 - 150	93	60 - 140	<0.21	ng/g	NC	50
7209103	Benzo(b/j)fluoranthene	2021/02/24	118	50 - 150	117	60 - 140	<0.18	ng/g	NC	50
7209103	Benzo(g,h,i)perylene	2021/02/24	82	50 - 150	94	60 - 140	<0.26	ng/g	NC	50
7209103	Benzo(k)fluoranthene	2021/02/24	115	50 - 150	116	60 - 140	<0.17	ng/g	NC	50
7209103	Chrysene	2021/02/24	100	50 - 150	104	60 - 140	<0.083	ng/g	NC	50
7209103	Dibenzo(a,h)anthracene	2021/02/24	103	50 - 150	96	60 - 140	<0.49	ng/g	NC	50
7209103	Fluoranthene	2021/02/24	100	50 - 150	101	60 - 140	0.122, RDL=0.49	ng/g	NC	50
7209103	Fluorene	2021/02/24	106	50 - 150	103	60 - 140	0.218, RDL=0.49	ng/g	NC	50
7209103	Indeno(1,2,3-cd)pyrene	2021/02/24	109	50 - 150	99	60 - 140	<0.30	ng/g	NC	50
7209103	Naphthalene	2021/02/24	102	50 - 150	131	60 - 140	1.33, RDL=0.49 (3)	ng/g	10	50
7209103	Phenanthrene	2021/02/24	101	50 - 150	111	60 - 140	0.56, RDL=0.49 (8)	ng/g	NC	50

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7209103	Pyrene	2021/02/24	122	50 - 150	121	60 - 140	0.099, RDL=0.49	ng/g	NC	50

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) 13c-naphthalene used.

(2) Value is below target of 1ng/g.

(3) Elevated ambient levels.

(4) 13c-Naphthalene used.

(5) Value is below target of 1 ng/g.

(6) Benzo(b)fluoranthene-d12 is corrected recovery for extra benzo(j)fluoranthene-d12 added to native spike mix.

(7) Below target of 1 ng/g.

(8) Amount is below target of 1ng/g.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS

<Original signed by>

Owen Cosby, BSc.C.Chem, Scientific Specialist, Ultra Trace Analysis, HRMS

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports.
For Service Group specific validation please refer to the Validation Signature Page.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/23
Report #: R6530081
Version: 3 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Sample Matrix: Tissue
Samples Received: 135

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
PCB Congeners in Tissue (1668A) (1)	8	2020/09/18	2020/09/28	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	7	2020/09/18	2020/09/29	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	2	2020/09/24	2020/10/15	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	11	2020/09/24	2020/10/16	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	2	2020/09/24	2020/10/17	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2020/10/07	2020/10/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	1	2020/10/07	2020/10/19	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	5	2020/10/07	2020/11/15	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	6	2020/10/07	2020/11/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2020/10/16	2020/11/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	4	2020/10/16	2020/11/19	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	1	2020/10/16	2020/11/20	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	7	2020/10/16	2020/11/21	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2020/11/24	2020/12/10	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	8	2020/11/24	2020/12/12	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	4	2020/11/24	2020/12/13	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

BV Labs - Partial/Rush Results

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/23
Report #: R6530081
Version: 3 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Sample Matrix: Tissue
Samples Received: 135

Analyses	Quantity	Date Extracted	Date Analyzed	Analytical Method	Reference
PCB Congeners in Tissue (1668A) (1)	8	2020/12/29	2021/02/01	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	7	2020/12/29	2021/02/02	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2021/01/08	2021/02/10	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	4	2021/01/08	2021/02/12	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2021/01/08	2021/02/13	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	5	2021/01/08	2021/02/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	13	2021/01/13	2021/02/03	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	2	2021/01/13	2021/02/09	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	12	2021/01/22	2021/02/18	BRL SOP-00408 BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A) (1)	3	2021/01/22	2021/02/20	BRL SOP-00408 BRL SOP-00409	EPA 1668A m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report.

BV Labs - Partial/Rush Results

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/02/23
Report #: R6530081
Version: 3 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) Analysis was conducted according to Bureau Veritas Laboratories methods BRL SOP-00408 and BRL SOP-00409 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Ronklin Gracian, Project Manager
Email: Ronklin.Gracian@bureauveritas.com
Phone# (905)817-5752
==========
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

BV Labs | Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0018	0.0018	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.0020	0.0020	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.0019	0.0019	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.0019	0.0019	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.0019	0.0019	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.0022	0.0022	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0020	0.0020	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.0033	0.0033	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0038	0.0038	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0036	0.0036	0.010				6967990
TriCB-(18)+(30)	ng/g	<0.0030	0.0030	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0037	0.0037	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0151	0.0017	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0018	0.0018	0.010				6967990
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.010				6967990
236-TriCB-(24)	ng/g	<0.0030	0.0030	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0017	0.0017	0.010				6967990
TriCB-(26)+(29)	ng/g	<0.0017	0.0017	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0100	0.0017	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.010				6967990
344'-TriCB-(37)	ng/g	<0.0030	0.0030	0.010				6967990

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0043	0.0043	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0048	0.0048	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0054	0.0054	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0191	0.0039	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0040	0.0040	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0045	0.0045	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0040	0.0040	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0096	0.0037	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0038	0.0038	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0384	0.0047	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0031	0.0031	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0056	0.0056	0.010				6967990
233'4'-Tetra CB(56)	ng/g	<0.0065	0.0065	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0056	0.0056	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0054	0.0054	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0032	0.0032	0.030				6967990
2344'-TetraCB -(60)	ng/g	<0.0061	0.0061	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0613	0.0053	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0052	0.0052	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0067	0.0034	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.0366	0.0054	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0047	0.0047	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0055	0.0055	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0051	0.0051	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0028	0.0028	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0071	0.0071	0.010	0.000100	0.000000710		6967990
33'45-TetraCB-(78)	ng/g	<0.0064	0.0064	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0053	0.0053	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0048	0.0048	0.010				6967990
344'5-TetraCB-(81)	ng/g	<0.0068	0.0068	0.010	0.000300	0.00000204		6967990
22'33'4-PentaCB-(82)	ng/g	<0.0066	0.0066	0.010				6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0786	0.0076	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.0064	0.0064	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0160	0.0055	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0363	0.0055	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.0059	0.0059	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0065	0.0065	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.0921	0.0054	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0157	0.0065	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0057	0.0057	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0063	0.0063	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.0261	0.0057	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0053	0.0053	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.0393	0.0054	0.010	0.0000300	0.00000118		6967990
233'45-PentaCB-(106)	ng/g	<0.0040	0.0040	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0087	0.0041	0.010				6967990
PentaCB-(108)+(124)	ng/g	<0.0048	0.0048	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.0704	0.0059	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0048	0.0048	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0040	0.0040	0.010				6967990
2344'5-PentaCB-(114)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156		6967990
23'44'5-PentaCB-(118)	ng/g	0.110	0.0053	0.010	0.0000300	0.00000330		6967990
23'455'-PentaCB-(120)	ng/g	<0.0055	0.0055	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0047	0.0047	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0053	0.0053	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0058	0.0058	0.010	0.0000300	0.000000174		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0049	0.0049	0.010	0.100	0.000490		6967990
33'455'-PentaCB-(127)	ng/g	<0.0055	0.0055	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0186	0.0057	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.133	0.0057	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	<0.0071	0.0071	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0060	0.0060	0.010				6967990

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.010 (1)	0.010	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0053	0.0053	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.0055	0.0055	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0188	0.0084	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0060	0.0060	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	<0.0079	0.0079	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0048	0.0048	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	<0.0048	0.0048	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.0099	0.0099	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0062	0.0062	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	<0.015 (1)	0.015	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.0546	0.0047	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0080	0.0080	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0059	0.0059	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0055	0.0055	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.110	0.0046	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0073	0.0073	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0063	0.0063	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.0143	0.0062	0.020	0.0000300	0.000000429		6967990
233'44'6-HexaCB-(158)	ng/g	<0.0053 (1)	0.0053	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0052	0.0052	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0049	0.0049	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0040	0.0040	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0046	0.0046	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0037	0.0037	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0045	0.0045	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	<0.0058	0.0058	0.010	0.0000300	0.000000174		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0060	0.0060	0.010	0.0300	0.000180		6967990
22'33'44'5-HeptaCB-(170)	ng/g	0.0069	0.0065	0.010				6967990
HeptaCB-(171)+(173)	ng/g	<0.0076	0.0076	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.0087	0.0087	0.010				6967990

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0065	0.0065	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0059	0.0059	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0040	0.0040	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0076	0.0076	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0056	0.0056	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	<0.0052 (1)	0.0052	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.0212	0.0066	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0081	0.0081	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0052	0.0052	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0079	0.0067	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0035	0.0035	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0073	0.0073	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0263	0.0052	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0053	0.0053	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0086	0.0086	0.010	0.0000300	0.000000258		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0080	0.0080	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0068	0.0068	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0071	0.0071	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0073	0.0073	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0072	0.0072	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0065	0.0065	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.0085	0.0085	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0046	0.0046	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0058	0.0058	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0062	0.0062	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0080	0.0080	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0058	0.0058	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0058	0.0058	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0072	0.0072	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0060	0.0060	0.010				6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.010				6967990
DecaCB-(209)	ng/g	<0.014	0.014	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000678		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	60						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	82						6967990
C13-22'33'44'5-HeptaCB-(170)	%	95						6967990
C13-22'33'455'66'-NonaCB-(208)	%	91						6967990
C13-22'33'55'66'-OctaCB-(202)	%	96						6967990
C13-22'33'55'6-HeptaCB-(178)	%	96						6967990
C13-22'344'55'-HeptaCB-(180)	%	99						6967990
C13-22'34'566'-HeptaCB-(188)	%	81						6967990
C13-22'44'66'-HexaCB-(155)	%	75						6967990
C13-22'466'-PentaCB-(104)	%	77						6967990
C13-22'66'-TetraCB-(54)	%	65						6967990
C13-22'6-TriCB-(19)	%	60						6967990
C13-22'-DiCB-(4)	%	53						6967990
C13-233'44'55'6-OctaCB-(205)	%	79						6967990
C13-233'44'55'-HeptaCB-(189)	%	71						6967990
C13-233'44'-PentaCB-(105)	%	75						6967990
C13-233'55'-PentaCB-(111)	%	82						6967990
C13-23'44'55'-HexaCB-(167)	%	70						6967990
C13-2344'5-PentaCB-(114)	%	72						6967990
C13-23'44'5-PentaCB-(118)	%	76						6967990
C13-2'344'5-PentaCB-(123)	%	76						6967990
C13-2-MonoCB-(1)	%	37						6967990
C13-33'44'55'-HexaCB-(169)	%	65						6967990
C13-33'44'5-PentaCB-(126)	%	70						6967990
C13-33'44'-TetraCB-(77)	%	69						6967990
C13-344'5-TetraCB-(81)	%	68						6967990
C13-344'-TriCB-(37)	%	64						6967990
C13-44'-DiCB-(15)	%	59						6967990
C13-4-MonoCB-(3)	%	47						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	97						6967990
C13-HexaCB-(156)+(157)	%	67						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0026	0.0026	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.0086	0.0086	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.0082	0.0082	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.0081	0.0081	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.0079	0.0079	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.0078	0.0078	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.0091	0.0091	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.0090	0.0090	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0082	0.0082	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0038	0.0038	0.0099				6967990
TriCB-(18)+(30)	ng/g	<0.0036 (1)	0.0036	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0040	0.0040	0.0099				6967990
TriCB-(20) + (28)	ng/g	0.0217	0.0028	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0026	0.0026	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0029	0.0029	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0028	0.0028	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0027	0.0027	0.0099				6967990
TriCB-(26)+(29)	ng/g	<0.0027	0.0027	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0027	0.0027	0.0099				6967990
24'5-TriCB-(31)	ng/g	0.0169	0.0027	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0028	0.0028	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0035	0.0035	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0049	0.0049	0.0099				6967990
345-TriCB-(38)	ng/g	<0.0029	0.0029	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0028	0.0028	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0074 (1)	0.0074	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0050	0.0050	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0057	0.0057	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0295	0.0040	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0042	0.0042	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0047	0.0047	0.0099				6967990
22'45-TetraCB-(48)	ng/g	<0.0042	0.0042	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0145	0.0039	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0040	0.0040	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0716	0.0049	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0034	0.0034	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0070	0.0070	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	0.0109	0.0082	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0070	0.0070	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0068	0.0068	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0033	0.0033	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0134	0.0077	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0993	0.0067	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0065	0.0065	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0106	0.0035	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.0592	0.0068	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0059	0.0059	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0070	0.0070	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0064	0.0064	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0030	0.0030	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	<0.0090	0.0090	0.0099	0.000100	0.000000900		6967990
33'45-TetraCB-(78)	ng/g	<0.0081	0.0081	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0067	0.0067	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0060	0.0060	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0086	0.0086	0.0099	0.000300	0.00000258		6967990
22'33'4-PentaCB-(82)	ng/g	<0.0052	0.0052	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.131	0.0060	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0131	0.0050	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0274	0.0043	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0612	0.0044	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0097	0.0046	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0051	0.0051	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.172	0.0042	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0281	0.0051	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0045	0.0045	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0049	0.0049	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.0492	0.0045	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0042	0.0042	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0027	0.0027	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.0753	0.0049	0.0099	0.0000300	0.00000226		6967990
233'45-PentaCB-(106)	ng/g	<0.0036	0.0036	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0141	0.0037	0.0099				6967990
PentaCB-(108)+(124)	ng/g	<0.0044	0.0044	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.157	0.0046	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0038	0.0038	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0032	0.0032	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	<0.0047	0.0047	0.0099	0.0000300	0.000000141		6967990
23'44'5-PentaCB-(118)	ng/g	0.195	0.0048	0.0099	0.0000300	0.00000585		6967990
23'455'-PentaCB-(120)	ng/g	<0.0043	0.0043	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0037	0.0037	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0053	0.0053	0.0099	0.0000300	0.000000159		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0045	0.0045	0.0099	0.100	0.000450		6967990
33'455'-PentaCB-(127)	ng/g	<0.0050	0.0050	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0344	0.0069	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.209	0.0069	0.030				6967990

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.010 (1)	0.010	0.0099				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0072	0.0072	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0194	0.0067	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0064	0.0064	0.0099				6967990
HexaCB-(134)+(143)	ng/g	<0.0066	0.0066	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0352	0.0096	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0069	0.0069	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	0.0114	0.0095	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0058	0.0058	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0117	0.0058	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.0067	0.0067	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0071	0.0071	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0297	0.0059	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.0849	0.0057	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0091	0.0091	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0068	0.0068	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0063	0.0063	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.152	0.0055	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0084	0.0084	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0072	0.0072	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0289	0.0048	0.020	0.0000300	0.000000867		6967990
233'44'6-HexaCB-(158)	ng/g	0.0111	0.0051	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0059	0.0059	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0048	0.0048	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0055	0.0045	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0054	0.0054	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0113	0.0045	0.0099	0.0000300	0.000000339		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.0099	0.0300	0.000141		6967990
22'33'44'5-HeptaCB-(170)	ng/g	0.0117	0.0045	0.0099				6967990

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0075	0.0052	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.0060	0.0060	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0045	0.0045	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060	0.0060	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0041	0.0041	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012 (1)	0.012	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0057	0.0057	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0080	0.0038	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0399	0.0046	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0056	0.0056	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0053	0.0053	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0098	0.0046	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0036	0.0036	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0042	0.0042	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0416	0.0053	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0054	0.0054	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0067	0.0067	0.0099	0.0000300	0.000000201		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0055	0.0055	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0047	0.0047	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0049	0.0049	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0075	0.0075	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0073	0.0073	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.0088	0.0088	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0057	0.0057	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.0075	0.0075	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0040	0.0040	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0052	0.0052	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0054	0.0054	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0071	0.0071	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0059	0.0059	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0065	0.0065	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0054	0.0054	0.0099				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0067	0.0067	0.0099				6967990
DecaCB-(209)	ng/g	<0.0066	0.0066	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000604		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	138						6967990
C13-22'33'44'5-HeptaCB-(170)	%	145 (1)						6967990
C13-22'33'455'66'-NonaCB-(208)	%	142 (1)						6967990
C13-22'33'55'66'-OctaCB-(202)	%	149 (1)						6967990
C13-22'33'55'6-HeptaCB-(178)	%	153 (1)						6967990
C13-22'344'55'-HeptaCB-(180)	%	148 (1)						6967990
C13-22'34'566'-HeptaCB-(188)	%	122						6967990
C13-22'44'66'-HexaCB-(155)	%	116						6967990
C13-22'466'-PentaCB-(104)	%	117						6967990
C13-22'66'-TetraCB-(54)	%	106						6967990
C13-22'6-TriCB-(19)	%	108						6967990
C13-22'-DiCB-(4)	%	99						6967990
C13-233'44'55'6-OctaCB-(205)	%	130						6967990
C13-233'44'55'-HeptaCB-(189)	%	118						6967990
C13-233'44'-PentaCB-(105)	%	114						6967990
C13-233'55'-PentaCB-(111)	%	137 (1)						6967990
C13-23'44'55'-HexaCB-(167)	%	113						6967990
C13-2344'5-PentaCB-(114)	%	114						6967990
C13-23'44'5-PentaCB-(118)	%	119						6967990
C13-2'344'5-PentaCB-(123)	%	118						6967990
C13-2-MonoCB-(1)	%	67						6967990
C13-33'44'55'-HexaCB-(169)	%	107						6967990
C13-33'44'5-PentaCB-(126)	%	113						6967990
C13-33'44'-TetraCB-(77)	%	108						6967990

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QC Batch = Quality Control Batch
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	112						6967990
C13-344'-TriCB-(37)	%	94						6967990
C13-44'-DiCB-(15)	%	98						6967990
C13-4-MonoCB-(3)	%	78						6967990
C13-DecaCB-(209)	%	142 (1)						6967990
C13-HexaCB-(156)+(157)	%	104						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0038	0.0038	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.0077	0.0077	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.0073	0.0073	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.0073	0.0073	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.0070	0.0070	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.0070	0.0070	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0033	0.0033	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.0081	0.0081	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.0080	0.0080	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0074	0.0074	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0046	0.0046	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.0099				6967990
TriCB-(18)+(30)	ng/g	<0.0035	0.0035	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0044	0.0044	0.0099				6967990
TriCB-(20) + (28)	ng/g	0.0127	0.0025	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0024	0.0024	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0027	0.0027	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0036	0.0036	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0025	0.0025	0.0099				6967990
TriCB-(26)+(29)	ng/g	<0.0025	0.0025	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0031	0.0031	0.0099				6967990
24'5-TriCB-(31)	ng/g	0.0084	0.0025	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0030	0.0030	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0026	0.0026	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0022	0.0022	0.0099				6967990
344'-TriCB-(37)	ng/g	<0.0045	0.0045	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0059	0.0059	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0066	0.0066	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0075	0.0075	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0162	0.0053	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0055	0.0055	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0063	0.0063	0.0099				6967990
22'45-TetraCB-(48)	ng/g	<0.0055	0.0055	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0094	0.0051	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0053	0.0053	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0295	0.0064	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0036	0.0036	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0053	0.0053	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	<0.0062	0.0062	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0053	0.0053	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0051	0.0051	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0044	0.0044	0.030				6967990
2344'-TetraCB -(60)	ng/g	<0.0058	0.0058	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0469	0.0050	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0049	0.0049	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0069	0.0047	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.0293	0.0051	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0044	0.0044	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0052	0.0052	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0048	0.0048	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0039	0.0039	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	<0.0067	0.0067	0.0099	0.000100	0.000000670		6967990
33'45-TetraCB-(78)	ng/g	<0.0061	0.0061	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0050	0.0050	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0045	0.0045	0.0099				6967990
344'5-TetraCB-(81)	ng/g	<0.0065	0.0065	0.0099	0.000300	0.00000195		6967990
22'33'4-PentaCB-(82)	ng/g	<0.0081	0.0081	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0594	0.0094	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.0078	0.0078	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0101	0.0067	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0279	0.0068	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.0072	0.0072	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0080	0.0080	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.0602	0.0066	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0116	0.0080	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0071	0.0071	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0077	0.0077	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.0195	0.0070	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0034	0.0034	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0066	0.0066	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0035	0.0035	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.0276	0.0056	0.0099	0.0000300	0.000000828		6967990
233'45-PentaCB-(106)	ng/g	<0.0041	0.0041	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	<0.0043	0.0043	0.0099				6967990
PentaCB-(108)+(124)	ng/g	<0.0051	0.0051	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.0562	0.0072	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0059	0.0059	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0050	0.0050	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	<0.0054	0.0054	0.0099	0.0000300	0.000000162		6967990
23'44'5-PentaCB-(118)	ng/g	0.0791	0.0055	0.0099	0.0000300	0.00000237		6967990
23'455'-PentaCB-(120)	ng/g	<0.0068	0.0068	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0057	0.0057	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0056	0.0056	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0060	0.0060	0.0099	0.0000300	0.000000180		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0051	0.0051	0.0099	0.100	0.000510		6967990
33'455'-PentaCB-(127)	ng/g	<0.0058	0.0058	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0137	0.0075	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.0880	0.0075	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	<0.0093	0.0093	0.0099				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0079	0.0079	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0088	0.0074	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0070	0.0070	0.0099				6967990
HexaCB-(134)+(143)	ng/g	<0.0073	0.0073	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0148	0.0079	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0056	0.0056	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	<0.010	0.010	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0064	0.0064	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	<0.0063	0.0063	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.0074	0.0074	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.0093	0.0093	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0058	0.0058	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0118	0.0065	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.0315	0.0062	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0074	0.0074	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0055	0.0055	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0051	0.0051	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.0720	0.0061	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0068	0.0068	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0059	0.0059	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0092	0.0039	0.020	0.0000300	0.000000276		6967990
233'44'6-HexaCB-(158)	ng/g	0.0076	0.0055	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0032	0.0032	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0065	0.0065	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0053	0.0053	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0049	0.0049	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0059	0.0059	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	<0.0036	0.0036	0.0099	0.0000300	0.000000108		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.0099	0.0300	0.000111		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.0068	0.0068	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	<0.0079	0.0079	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.0091	0.0091	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0068	0.0068	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060	0.0060	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0040	0.0040	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0080	0.0080	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0057	0.0057	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	<0.0038	0.0038	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0187	0.0070	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0085	0.0085	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0053	0.0053	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0074	0.0070	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0035	0.0035	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0077	0.0077	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0174	0.0053	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0054	0.0054	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0084	0.0084	0.0099	0.0000300	0.000000252		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0084	0.0084	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0071	0.0071	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0074	0.0074	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0099	0.0099	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0097	0.0097	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.0072	0.0072	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0046	0.0046	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.0061	0.0061	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0033	0.0033	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042	0.0042	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0044	0.0044	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0057	0.0057	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0042	0.0042	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0078	0.0078	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0074	0.0074	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0062	0.0062	0.0099				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0077	0.0077	0.0099				6967990
DecaCB-(209)	ng/g	<0.012	0.012	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000628		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	104						6967990
C13-22'33'44'5-HeptaCB-(170)	%	109						6967990
C13-22'33'455'66'-NonaCB-(208)	%	104						6967990
C13-22'33'55'66'-OctaCB-(202)	%	116						6967990
C13-22'33'55'6-HeptaCB-(178)	%	122						6967990
C13-22'344'55'-HeptaCB-(180)	%	111						6967990
C13-22'34'566'-HeptaCB-(188)	%	92						6967990
C13-22'44'66'-HexaCB-(155)	%	91						6967990
C13-22'466'-PentaCB-(104)	%	88						6967990
C13-22'66'-TetraCB-(54)	%	80						6967990
C13-22'6-TriCB-(19)	%	80						6967990
C13-22'-DiCB-(4)	%	71						6967990
C13-233'44'55'6-OctaCB-(205)	%	99						6967990
C13-233'44'55'-HeptaCB-(189)	%	86						6967990
C13-233'44'-PentaCB-(105)	%	83						6967990
C13-233'55'-PentaCB-(111)	%	105						6967990
C13-23'44'55'-HexaCB-(167)	%	77						6967990
C13-2344'5-PentaCB-(114)	%	80						6967990
C13-23'44'5-PentaCB-(118)	%	82						6967990
C13-2'344'5-PentaCB-(123)	%	84						6967990
C13-2-MonoCB-(1)	%	44						6967990
C13-33'44'55'-HexaCB-(169)	%	77						6967990
C13-33'44'5-PentaCB-(126)	%	89						6967990
C13-33'44'-TetraCB-(77)	%	81						6967990
C13-344'5-TetraCB-(81)	%	80						6967990
C13-344'-TriCB-(37)	%	70						6967990
C13-44'-DiCB-(15)	%	75						6967990
C13-4-MonoCB-(3)	%	58						6967990
C13-DecaCB-(209)	%	98						6967990
C13-HexaCB-(156)+(157)	%	74						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0018	0.0018	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0032	0.0032	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.0076	0.0076	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.0072	0.0072	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.0072	0.0072	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.0070	0.0070	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.0069	0.0069	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.0080	0.0080	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.0079	0.0079	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0073	0.0073	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0036	0.0036	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0034	0.0034	0.010				6967990
TriCB-(18)+(30)	ng/g	<0.0028	0.0028	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0035	0.0035	0.010				6967990
TriCB-(20) + (28)	ng/g	<0.014 (1)	0.014	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0018	0.0018	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0020	0.0020	0.010				6967990
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.010				6967990
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.010				6967990
TriCB-(26)+(29)	ng/g	<0.0019	0.0019	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0024	0.0024	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0105	0.0019	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0019	0.0019	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0024	0.0024	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010				6967990

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0034	0.0034	0.010				6967990
345-TriCB-(38)	ng/g	<0.0020	0.0020	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0020	0.0020	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0067	0.0067	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0075	0.0075	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0085	0.0085	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0194	0.0061	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0063	0.0063	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0071	0.0071	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0063	0.0063	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0090 (1)	0.0090	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0060	0.0060	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0393	0.0073	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0030	0.0030	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0050	0.0050	0.010				6967990
233'4'-Tetra CB(56)	ng/g	<0.0059	0.0059	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0050	0.0050	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0049	0.0049	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0050	0.0050	0.030				6967990
2344'-TetraCB -(60)	ng/g	<0.0055	0.0055	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0647	0.0048	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0047	0.0047	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0080	0.0053	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.0398	0.0049	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0050	0.0050	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0046	0.0046	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0045	0.0045	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0064	0.0064	0.010	0.000100	0.000000640		6967990
33'45-TetraCB-(78)	ng/g	<0.0058	0.0058	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0048	0.0048	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0043	0.0043	0.010				6967990

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0062	0.0062	0.010	0.000300	0.00000186		6967990
22'33'4-PentaCB-(82)	ng/g	<0.013	0.013	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.065	0.015	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.013	0.013	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.016	0.011	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.040	0.011	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.012	0.012	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.013	0.013	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.090	0.011	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.018	0.013	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.011	0.011	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.013	0.013	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.036	0.011	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.011	0.011	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.0365	0.0050	0.010	0.0000300	0.00000110		6967990
233'45-PentaCB-(106)	ng/g	<0.0037	0.0037	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	<0.0038	0.0038	0.010				6967990
PentaCB-(108)+(124)	ng/g	<0.0045	0.0045	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.086	0.012	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0096	0.0096	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0081	0.0081	0.010				6967990
2344'5-PentaCB-(114)	ng/g	<0.0048	0.0048	0.010	0.0000300	0.000000144		6967990
23'44'5-PentaCB-(118)	ng/g	0.0855	0.0049	0.010	0.0000300	0.00000257		6967990
23'455'-PentaCB-(120)	ng/g	<0.011	0.011	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0093	0.0093	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0049	0.0049	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0053	0.0053	0.010	0.0000300	0.000000159		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0046	0.0046	0.010	0.100	0.000460		6967990
33'455'-PentaCB-(127)	ng/g	<0.0051	0.0051	0.010				6967990
HexaCB-(128)+(166)	ng/g	<0.012	0.012	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.099	0.012	0.030				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.014	0.014	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	0.013	0.011	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.011	0.011	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0263	0.0088	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0063	0.0063	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	<0.016	0.016	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0099	0.0099	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	<0.0099	0.0099	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.010	0.010	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0065	0.0065	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	<0.010 (1)	0.010	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.0619	0.0097	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0083	0.0083	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0062	0.0062	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0057	0.0057	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.0807	0.0094	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0077	0.0077	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0066	0.0066	0.010				6967990
HexaCB-(156)+(157)	ng/g	<0.015	0.015	0.020	0.0000300	0.000000450		6967990
233'44'6-HexaCB-(158)	ng/g	<0.0086	0.0086	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.013	0.013	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.010	0.010	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0082	0.0082	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.011	0.011	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0076	0.0076	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0092	0.0092	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	<0.014	0.014	0.010	0.0000300	0.000000420		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.015	0.015	0.010	0.0300	0.000450		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.015	0.015	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.017	0.017	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.020	0.020	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.015	0.015	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0076	0.0076	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0051	0.0051	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.018	0.018	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0073	0.0073	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	<0.0048	0.0048	0.010				6967990
HeptaCB-(180)+(193)	ng/g	<0.015	0.015	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.019	0.019	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0067	0.0067	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	<0.016	0.016	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0045	0.0045	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.017	0.017	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0053	0.0053	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	<0.017 (1)	0.017	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0068	0.0068	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.042	0.042	0.010	0.0000300	0.00000126		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.019	0.019	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.016	0.016	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.016	0.016	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.019	0.019	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.019	0.019	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.021	0.021	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.014	0.014	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.018	0.018	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0096	0.0096	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.013	0.013	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.017	0.017	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.015	0.015	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.032	0.032	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.026	0.026	0.010				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.033	0.033	0.010				6967990
DecaCB-(209)	ng/g	<0.062	0.062	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000919		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	67						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	87						6967990
C13-22'33'44'5-HeptaCB-(170)	%	115						6967990
C13-22'33'455'66'-NonaCB-(208)	%	120						6967990
C13-22'33'55'66'-OctaCB-(202)	%	193 (1)						6967990
C13-22'33'55'6-HeptaCB-(178)	%	108						6967990
C13-22'344'55'-HeptaCB-(180)	%	148 (1)						6967990
C13-22'34'566'-HeptaCB-(188)	%	96						6967990
C13-22'44'66'-HexaCB-(155)	%	126						6967990
C13-22'466'-PentaCB-(104)	%	92						6967990
C13-22'66'-TetraCB-(54)	%	73						6967990
C13-22'6-TriCB-(19)	%	68						6967990
C13-22'-DiCB-(4)	%	54						6967990
C13-233'44'55'6-OctaCB-(205)	%	83						6967990
C13-233'44'55'-HeptaCB-(189)	%	85						6967990
C13-233'44'-PentaCB-(105)	%	54						6967990
C13-233'55'-PentaCB-(111)	%	78						6967990
C13-23'44'55'-HexaCB-(167)	%	60						6967990
C13-2344'5-PentaCB-(114)	%	52						6967990
C13-23'44'5-PentaCB-(118)	%	57						6967990
C13-2'344'5-PentaCB-(123)	%	56						6967990
C13-2-MonoCB-(1)	%	32						6967990
C13-33'44'55'-HexaCB-(169)	%	44						6967990
C13-33'44'5-PentaCB-(126)	%	46						6967990
C13-33'44'-TetraCB-(77)	%	49						6967990

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QC Batch = Quality Control Batch

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	55						6967990
C13-344'-TriCB-(37)	%	58						6967990
C13-44'-DiCB-(15)	%	62						6967990
C13-4-MonoCB-(3)	%	45						6967990
C13-DecaCB-(209)	%	84						6967990
C13-HexaCB-(156)+(157)	%	50						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0015	0.0015	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.0075	0.0075	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.0071	0.0071	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.0071	0.0071	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.0069	0.0069	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.0068	0.0068	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.0080	0.0080	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.0078	0.0078	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0072	0.0072	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0099				6967990
TriCB-(18)+(30)	ng/g	0.0064	0.0023	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0099				6967990
TriCB-(20) + (28)	ng/g	0.0730	0.0023	0.020				6967990
TriCB-(21)+(33)	ng/g	0.0075	0.0022	0.020				6967990
234'-TriCB-(22)	ng/g	0.0107	0.0025	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0024	0.0024	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.0099				6967990
TriCB-(26)+(29)	ng/g	0.0098	0.0023	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0099				6967990
24'5-TriCB-(31)	ng/g	0.0446	0.0023	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0023	0.0023	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0029	0.0029	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099				6967990
344'-TriCB-(37)	ng/g	0.0166	0.0041	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0024	0.0024	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0024	0.0024	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.011 (1)	0.011	0.030				6967990
22'34'-TetraCB-(42)	ng/g	0.0151	0.0028	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.110	0.0023	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0024	0.0024	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.0099				6967990
22'45-TetraCB-(48)	ng/g	0.0113	0.0024	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0479	0.0022	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.257	0.0028	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0043	0.0043	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0047	0.0047	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	0.0333	0.0055	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0045	0.0045	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	0.0067	0.0019	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0422	0.0051	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.379	0.0045	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0093 (1)	0.0093	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0443	0.0020	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.256	0.0045	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0039	0.0039	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0047	0.0047	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0043	0.0043	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	0.0140	0.0060	0.0099	0.000100	0.00000140		6967990
33'45-TetraCB-(78)	ng/g	<0.0054	0.0054	0.0099				6967990
33'45'-TetraCB(79)	ng/g	0.0081	0.0044	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.0099				6967990
344'5-TetraCB-(81)	ng/g	<0.0057	0.0057	0.0099	0.000300	0.00000171		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0152	0.0061	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.516	0.0071	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0395	0.0059	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0936	0.0051	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.233	0.0051	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0380	0.0055	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0060	0.0060	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.573	0.0050	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0940	0.0060	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0053	0.0053	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0058	0.0058	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.150	0.0052	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0050	0.0050	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.232	0.0045	0.0099	0.0000300	0.00000696		6967990
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0444	0.0034	0.0099				6967990
PentaCB-(108)+(124)	ng/g	0.0225	0.0040	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.606	0.0054	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0044	0.0044	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0037	0.0037	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	0.0119	0.0043	0.0099	0.0000300	0.000000357		6967990
23'44'5-PentaCB-(118)	ng/g	0.725	0.0044	0.0099	0.0000300	0.0000218		6967990
23'455'-PentaCB-(120)	ng/g	<0.0051	0.0051	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0044	0.0044	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	0.0094	0.0048	0.0099	0.0000300	0.000000282		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0041	0.0041	0.0099	0.100	0.000410		6967990
33'455'-PentaCB-(127)	ng/g	<0.0046	0.0046	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0966	0.0098	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.573	0.0098	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.029	0.012	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.010	0.010	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0679	0.0096	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0091	0.0091	0.0099				6967990
HexaCB-(134)+(143)	ng/g	0.0107	0.0095	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0825	0.0095	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0162	0.0068	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	<0.021 (1)	0.021	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0083	0.0083	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0483	0.0083	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.0096	0.0096	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0070	0.0070	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0721	0.0085	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.277	0.0082	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0090	0.0090	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0067	0.0067	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0062	0.0062	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.355	0.0079	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0083	0.0083	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0071	0.0071	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0657	0.0046	0.020	0.0000300	0.00000197		6967990
233'44'6-HexaCB-(158)	ng/g	0.0328	0.0072	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0038	0.0038	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0084	0.0084	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0069	0.0069	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0034	0.0034	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.017 (1)	0.017	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0077	0.0077	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0268	0.0043	0.0099	0.0000300	0.000000804		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0044	0.0044	0.0099	0.0300	0.000132		6967990
22'33'44'5-HeptaCB-(170)	ng/g	0.0304	0.0063	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	0.0154	0.0073	0.020				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0084	0.0084	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	0.0283	0.0063	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	0.0049	0.0021	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.0271	0.0074	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0151	0.0030	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0196	0.0020	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0880	0.0064	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0079	0.0079	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0218	0.0065	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0071	0.0071	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0843	0.0027	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0079	0.0079	0.0099	0.0000300	0.000000237		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0085 (1)	0.0085	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0066	0.0066	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0069	0.0069	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0091 (1)	0.0091	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0058	0.0058	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0074	0.0074	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.0096	0.0096	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0052	0.0052	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0066	0.0066	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0070	0.0070	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0091	0.0091	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0066	0.0066	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0047	0.0047	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0080	0.0080	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0066	0.0066	0.0099				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0083	0.0083	0.0099				6967990
DecaCB-(209)	ng/g	<0.011	0.011	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000578		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	101						6967990
C13-22'33'44'5-HeptaCB-(170)	%	112						6967990
C13-22'33'455'66'-NonaCB-(208)	%	101						6967990
C13-22'33'55'66'-OctaCB-(202)	%	112						6967990
C13-22'33'55'6-HeptaCB-(178)	%	107						6967990
C13-22'344'55'-HeptaCB-(180)	%	106						6967990
C13-22'34'566'-HeptaCB-(188)	%	85						6967990
C13-22'44'66'-HexaCB-(155)	%	80						6967990
C13-22'466'-PentaCB-(104)	%	85						6967990
C13-22'66'-TetraCB-(54)	%	75						6967990
C13-22'6-TriCB-(19)	%	79						6967990
C13-22'-DiCB-(4)	%	72						6967990
C13-233'44'55'6-OctaCB-(205)	%	92						6967990
C13-233'44'55'-HeptaCB-(189)	%	83						6967990
C13-233'44'-PentaCB-(105)	%	81						6967990
C13-233'55'-PentaCB-(111)	%	88						6967990
C13-23'44'55'-HexaCB-(167)	%	73						6967990
C13-2344'5-PentaCB-(114)	%	78						6967990
C13-23'44'5-PentaCB-(118)	%	79						6967990
C13-2'344'5-PentaCB-(123)	%	78						6967990
C13-2-MonoCB-(1)	%	49						6967990
C13-33'44'55'-HexaCB-(169)	%	70						6967990
C13-33'44'5-PentaCB-(126)	%	81						6967990
C13-33'44'-TetraCB-(77)	%	75						6967990
C13-344'5-TetraCB-(81)	%	75						6967990
C13-344'-TriCB-(37)	%	62						6967990
C13-44'-DiCB-(15)	%	73						6967990

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	58						6967990
C13-DecaCB-(209)	%	102						6967990
C13-HexaCB-(156)+(157)	%	69						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0039	0.0039	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.0078	0.0078	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.0074	0.0074	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.0074	0.0074	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.0072	0.0072	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.0071	0.0071	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0034	0.0034	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.0083	0.0083	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.0082	0.0082	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0075	0.0075	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.013	0.013	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0039	0.0039	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0052	0.0032	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0040	0.0040	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0329	0.0041	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0039	0.0039	0.020				6967990
234'-TriCB-(22)	ng/g	0.0061	0.0043	0.010				6967990
235-TriCB-(23)	ng/g	<0.0041	0.0041	0.010				6967990
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0040	0.0040	0.010				6967990
TriCB-(26)+(29)	ng/g	<0.0040	0.0040	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0028	0.0028	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0201	0.0040	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0027	0.0027	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0041	0.0041	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0051	0.0051	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0036	0.0036	0.010				6967990
344'-TriCB-(37)	ng/g	<0.0072	0.0072	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0042	0.0042	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0041	0.0041	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0071	0.0036	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0061 (1)	0.0061	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0045	0.0045	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	<0.037 (1)	0.037	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0033	0.0033	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0038	0.0038	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0193	0.0031	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0032	0.0032	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0850	0.0039	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0109	0.0046	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0039	0.0039	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0027	0.0027	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0190	0.0043	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.136	0.0038	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0037	0.0037	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0162	0.0028	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.104	0.0038	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0039	0.0039	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0036	0.0036	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0050	0.0050	0.010	0.000100	0.000000500		6967990
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0037	0.0037	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0034	0.0034	0.010				6967990
344'5-TetraCB-(81)	ng/g	<0.0048	0.0048	0.010	0.000300	0.00000144		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0051	0.0051	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.207	0.0058	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0126	0.0049	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0370	0.0042	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0981	0.0042	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0115	0.0045	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0050	0.0050	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.258	0.0041	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0435	0.0050	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0044	0.0044	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0048	0.0048	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.0482	0.0043	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0041	0.0041	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0020	0.0020	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.120	0.0044	0.010	0.0000300	0.00000360		6967990
233'45-PentaCB-(106)	ng/g	<0.0033	0.0033	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0199	0.0034	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0097	0.0040	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.220	0.0045	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0031	0.0031	0.010				6967990
2344'5-PentaCB-(114)	ng/g	<0.0043	0.0043	0.010	0.0000300	0.000000129		6967990
23'44'5-PentaCB-(118)	ng/g	0.358	0.0044	0.010	0.0000300	0.0000107		6967990
23'455'-PentaCB-(120)	ng/g	<0.0042	0.0042	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0036	0.0036	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0044	0.0044	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0048	0.0048	0.010	0.0000300	0.000000144		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0041	0.0041	0.010	0.100	0.000410		6967990
33'455'-PentaCB-(127)	ng/g	<0.0046	0.0046	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0496	0.0052	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.297	0.0052	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.0151	0.0064	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0055	0.0055	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0262	0.0051	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0049	0.0049	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.0050	0.0050	0.020				6967990
HexaCB-(135)+(151)	ng/g	<0.039 (1)	0.039	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0056 (1)	0.0056	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	0.0160	0.0072	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0044	0.0044	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0185	0.0044	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.0084	0.0084	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0388	0.0045	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.116	0.0043	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0068	0.0068	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0050	0.0050	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0046	0.0046	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.230	0.0042	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0062	0.0062	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0054	0.0054	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.0334	0.0059	0.020	0.0000300	0.00000100		6967990
233'44'6-HexaCB-(158)	ng/g	0.0216	0.0038	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0044	0.0044	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0076	0.0034	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0141	0.0055	0.010	0.0000300	0.000000423		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0057	0.0057	0.010	0.0300	0.000171		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.015 (1)	0.015	0.010				6967990
HeptaCB-(171)+(173)	ng/g	0.0102	0.0066	0.020				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0076	0.0076	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0071 (1)	0.0071	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0054	0.0054	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.0148	0.0067	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0075	0.0051	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0126	0.0034	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.0502	0.0058	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0071	0.0071	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0047	0.0047	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0148	0.0059	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0064	0.0064	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0508	0.0047	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0048	0.0048	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0065	0.0065	0.010	0.0000300	0.000000195		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0070	0.0070	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0060	0.0060	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0062	0.0062	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0082	0.0082	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0080	0.0080	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.015	0.015	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.010	0.010	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.013	0.013	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0071	0.0071	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0090	0.0090	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0095	0.0095	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0090	0.0090	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0065	0.0065	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0065	0.0065	0.010				6967990

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0054	0.0054	0.010				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0067	0.0067	0.010				6967990
DecaCB-(209)	ng/g	<0.014	0.014	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000599		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	96						6967990
C13-22'33'44'5-HeptaCB-(170)	%	99						6967990
C13-22'33'455'66'-NonaCB-(208)	%	99						6967990
C13-22'33'55'66'-OctaCB-(202)	%	101						6967990
C13-22'33'55'6-HeptaCB-(178)	%	105						6967990
C13-22'344'55'-HeptaCB-(180)	%	101						6967990
C13-22'34'566'-HeptaCB-(188)	%	82						6967990
C13-22'44'66'-HexaCB-(155)	%	81						6967990
C13-22'466'-PentaCB-(104)	%	81						6967990
C13-22'66'-TetraCB-(54)	%	70						6967990
C13-22'6-TriCB-(19)	%	73						6967990
C13-22'-DiCB-(4)	%	66						6967990
C13-233'44'55'6-OctaCB-(205)	%	86						6967990
C13-233'44'55'-HeptaCB-(189)	%	81						6967990
C13-233'44'-PentaCB-(105)	%	72						6967990
C13-233'55'-PentaCB-(111)	%	90						6967990
C13-23'44'55'-HexaCB-(167)	%	73						6967990
C13-2344'5-PentaCB-(114)	%	73						6967990
C13-23'44'5-PentaCB-(118)	%	73						6967990
C13-2'344'5-PentaCB-(123)	%	75						6967990
C13-2-MonoCB-(1)	%	45						6967990
C13-33'44'55'-HexaCB-(169)	%	76						6967990
C13-33'44'5-PentaCB-(126)	%	79						6967990
C13-33'44'-TetraCB-(77)	%	75						6967990
C13-344'5-TetraCB-(81)	%	76						6967990
C13-344'-TriCB-(37)	%	62						6967990
C13-44'-DiCB-(15)	%	66						6967990

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	52						6967990
C13-DecaCB-(209)	%	97						6967990
C13-HexaCB-(156)+(157)	%	72						6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.011	0.011	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.0054	0.0054	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.0051	0.0051	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.0051	0.0051	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.0049	0.0049	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.0049	0.0049	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0097	0.0097	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.0057	0.0057	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.0056	0.0056	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0051	0.0051	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.0087	0.0087	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0041	0.0041	0.0099				6967990
TriCB-(18)+(30)	ng/g	0.0039	0.0034	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0042	0.0042	0.0099				6967990
TriCB-(20) + (28)	ng/g	0.0207	0.0034	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0032	0.0032	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0036	0.0036	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0034	0.0034	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0034	0.0034	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0033	0.0033	0.0099				6967990
TriCB-(26)+(29)	ng/g	<0.0033	0.0033	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099				6967990
24'5-TriCB-(31)	ng/g	<0.013 (1)	0.013	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0034	0.0034	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0042	0.0042	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0029	0.0029	0.0099				6967990

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0059	0.0059	0.0099				6967990
345-TriCB-(38)	ng/g	<0.0035	0.0035	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0034	0.0034	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0065	0.0055	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0061	0.0061	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0070	0.0070	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0293	0.0050	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0058	0.0058	0.0099				6967990
22'45-TetraCB-(48)	ng/g	<0.0052	0.0052	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0238	0.0048	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0049	0.0049	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.103	0.0060	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0039	0.0039	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0040	0.0040	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	<0.0047	0.0047	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0040	0.0040	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0039	0.0039	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0041	0.0041	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0085	0.0044	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0825	0.0038	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0037	0.0037	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0063	0.0044	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.0417	0.0038	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0033	0.0033	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0040	0.0040	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0037	0.0037	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0037	0.0037	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	<0.0051	0.0051	0.0099	0.000100	0.000000510		6967990
33'45-TetraCB-(78)	ng/g	<0.0046	0.0046	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0038	0.0038	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0034	0.0034	0.0099				6967990
344'5-TetraCB-(81)	ng/g	<0.0049	0.0049	0.0099	0.000300	0.00000147		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0041	0.0041	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.176	0.0047	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.0039	0.0039	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0277	0.0034	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0623	0.0034	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0080	0.0037	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0040	0.0040	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.182	0.0033	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0329	0.0040	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0036	0.0036	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0039	0.0039	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.0458	0.0035	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0033	0.0033	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.0683	0.0045	0.0099	0.0000300	0.00000205		6967990
233'45-PentaCB-(106)	ng/g	<0.0034	0.0034	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0073	0.0034	0.0099				6967990
PentaCB-(108)+(124)	ng/g	<0.0041	0.0041	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.118	0.0036	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0030	0.0030	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	<0.0044	0.0044	0.0099	0.0000300	0.000000132		6967990
23'44'5-PentaCB-(118)	ng/g	0.165	0.0045	0.0099	0.0000300	0.00000495		6967990
23'455'-PentaCB-(120)	ng/g	<0.0034	0.0034	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0029	0.0029	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0045	0.0045	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0049	0.0049	0.0099	0.0000300	0.000000147		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0042	0.0042	0.0099	0.100	0.000420		6967990
33'455'-PentaCB-(127)	ng/g	<0.0047	0.0047	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0406	0.0068	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.289	0.0068	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.0164	0.0084	0.0099				6967990

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0071	0.0071	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0197	0.0066	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0063	0.0063	0.0099				6967990
HexaCB-(134)+(143)	ng/g	<0.0066	0.0066	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0290	0.0089	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0064	0.0064	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	0.0149	0.0094	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0058	0.0058	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0117	0.0057	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.0066	0.0066	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0066	0.0066	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0429	0.0058	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.0799	0.0056	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0085	0.0085	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0063	0.0063	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0058	0.0058	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.268	0.0055	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0078	0.0078	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0067	0.0067	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0260	0.0063	0.020	0.0000300	0.000000780		6967990
233'44'6-HexaCB-(158)	ng/g	0.0173	0.0050	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0053	0.0053	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0058	0.0058	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0048	0.0048	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0047	0.0047	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0044	0.0044	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0053	0.0053	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	<0.0059	0.0059	0.0099	0.0000300	0.000000177		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0061	0.0061	0.0099	0.0300	0.000183		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.018 (1)	0.018	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	<0.0074	0.0074	0.020				6967990

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0085	0.0085	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0063	0.0063	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0049	0.0049	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.0156	0.0075	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0101	0.0046	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0058	0.0031	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0438	0.0065	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0079	0.0079	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0043	0.0043	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0167	0.0066	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0071	0.0071	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0573	0.0043	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0054	0.0054	0.0099	0.0000300	0.000000162		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0078	0.0078	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0067	0.0067	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0069	0.0069	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0088	0.0088	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0086	0.0086	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.015	0.015	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0094	0.0094	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0066	0.0066	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0085	0.0085	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0089	0.0089	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0084	0.0084	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0070	0.0070	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0090	0.0090	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0075	0.0075	0.0099				6967990

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0094	0.0094	0.0099				6967990
DecaCB-(209)	ng/g	<0.012	0.012	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000613		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	95						6967990
C13-22'33'44'5-HeptaCB-(170)	%	101						6967990
C13-22'33'455'66'-NonaCB-(208)	%	96						6967990
C13-22'33'55'66'-OctaCB-(202)	%	99						6967990
C13-22'33'55'6-HeptaCB-(178)	%	100						6967990
C13-22'344'55'-HeptaCB-(180)	%	100						6967990
C13-22'34'566'-HeptaCB-(188)	%	81						6967990
C13-22'44'66'-HexaCB-(155)	%	77						6967990
C13-22'466'-PentaCB-(104)	%	78						6967990
C13-22'66'-TetraCB-(54)	%	68						6967990
C13-22'6-TriCB-(19)	%	68						6967990
C13-22'-DiCB-(4)	%	66						6967990
C13-233'44'55'6-OctaCB-(205)	%	84						6967990
C13-233'44'55'-HeptaCB-(189)	%	78						6967990
C13-233'44'-PentaCB-(105)	%	71						6967990
C13-233'55'-PentaCB-(111)	%	86						6967990
C13-23'44'55'-HexaCB-(167)	%	72						6967990
C13-2344'5-PentaCB-(114)	%	68						6967990
C13-23'44'5-PentaCB-(118)	%	69						6967990
C13-2'344'5-PentaCB-(123)	%	70						6967990
C13-2-MonoCB-(1)	%	45						6967990
C13-33'44'55'-HexaCB-(169)	%	67						6967990
C13-33'44'5-PentaCB-(126)	%	73						6967990
C13-33'44'-TetraCB-(77)	%	69						6967990
C13-344'5-TetraCB-(81)	%	72						6967990
C13-344'-TriCB-(37)	%	63						6967990
C13-44'-DiCB-(15)	%	67						6967990
C13-4-MonoCB-(3)	%	53						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	100						6967990
C13-HexaCB-(156)+(157)	%	66						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.0055	0.0055	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.0052	0.0052	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.0052	0.0052	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.0050	0.0050	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.0050	0.0050	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.0058	0.0058	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.0057	0.0057	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.0053	0.0053	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.0090	0.0090	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0025	0.0021	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0130	0.0015	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0016	0.0016	0.010				6967990
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.010				6967990
236-TriCB-(24)	ng/g	<0.0021	0.0021	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.010				6967990
TriCB-(26)+(29)	ng/g	<0.0015	0.0015	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0105	0.0015	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0019	0.0019	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.010				6967990
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0038 (1)	0.0038	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0040	0.0040	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0046	0.0046	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0212	0.0032	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0038	0.0038	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0034	0.0034	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0112	0.0031	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0032	0.0032	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0411	0.0039	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0037	0.0037	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0085	0.0043	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0036	0.0036	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0027	0.0027	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0070	0.0040	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0603	0.0035	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0034	0.0034	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0095	0.0029	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.0329	0.0035	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0031	0.0031	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0036	0.0036	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0033	0.0033	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0047	0.0047	0.010	0.000100	0.000000470		6967990
33'45-TetraCB-(78)	ng/g	<0.0042	0.0042	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0035	0.0035	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.010				6967990
344'5-TetraCB-(81)	ng/g	<0.0045	0.0045	0.010	0.000300	0.00000135		6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0029	0.0029	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.0793	0.0034	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.0062 (1)	0.0062	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0152	0.0024	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0420	0.0024	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.0060 (1)	0.0060	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.0979	0.0024	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0184	0.0029	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.0322	0.0025	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.0367	0.0026	0.010	0.0000300	0.00000110		6967990
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0088	0.0020	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0035	0.0023	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.0927	0.0026	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010				6967990
2344'5-PentaCB-(114)	ng/g	<0.0025	0.0025	0.010	0.0000300	0.0000000750		6967990
23'44'5-PentaCB-(118)	ng/g	0.118	0.0026	0.010	0.0000300	0.00000354		6967990
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0026	0.0026	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.010	0.100	0.000240		6967990
33'455'-PentaCB-(127)	ng/g	<0.0027	0.0027	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0166	0.0052	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.115	0.0052	0.030				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0072	0.0064	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0055	0.0055	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	<0.011 (1)	0.011	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0048	0.0048	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.0050	0.0050	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0194	0.0038	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0029 (1)	0.0029	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	<0.0072	0.0072	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0044	0.0044	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0063	0.0044	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.0045	0.0045	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0153	0.0045	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.0463	0.0043	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0036	0.0036	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.0928	0.0042	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0033	0.0033	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.010				6967990
HexaCB-(156)+(157)	ng/g	<0.012 (1)	0.012	0.020	0.0000300	0.000000360		6967990
233'44'6-HexaCB-(158)	ng/g	0.0084	0.0038	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0022	0.0022	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0045	0.0045	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0034	0.0034	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0055	0.0025	0.010	0.0000300	0.000000165		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.010	0.0300	0.0000780		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.0062 (1)	0.0062	0.010				6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0059	0.0059	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.0067	0.0067	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0050	0.0050	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0035	0.0035	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0059	0.0059	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0050	0.0050	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	<0.0047 (1)	0.0047	0.010				6967990
HeptaCB-(180)+(193)	ng/g	<0.019 (1)	0.019	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0063	0.0063	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0065	0.0052	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.0057	0.0057	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0203	0.0046	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0047	0.0047	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0057	0.0057	0.010	0.0000300	0.000000171		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0062	0.0062	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0053	0.0053	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0055	0.0055	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0057	0.0057	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0055	0.0055	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.0066	0.0066	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.0043	0.0043	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.0056	0.0056	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041	0.0041	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0053	0.0053	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0038	0.0038	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0045	0.0045	0.010				6967990

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0066	0.0066	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0055	0.0055	0.010				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.010				6967990
DecaCB-(209)	ng/g	<0.012	0.012	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000325		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	60						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	104						6967990
C13-22'33'44'5-HeptaCB-(170)	%	106						6967990
C13-22'33'455'66'-NonaCB-(208)	%	103						6967990
C13-22'33'55'66'-OctaCB-(202)	%	104						6967990
C13-22'33'55'6-HeptaCB-(178)	%	103						6967990
C13-22'344'55'-HeptaCB-(180)	%	107						6967990
C13-22'34'566'-HeptaCB-(188)	%	87						6967990
C13-22'44'66'-HexaCB-(155)	%	81						6967990
C13-22'466'-PentaCB-(104)	%	81						6967990
C13-22'66'-TetraCB-(54)	%	78						6967990
C13-22'6-TriCB-(19)	%	78						6967990
C13-22'-DiCB-(4)	%	72						6967990
C13-233'44'55'6-OctaCB-(205)	%	92						6967990
C13-233'44'55'-HeptaCB-(189)	%	85						6967990
C13-233'44'-PentaCB-(105)	%	77						6967990
C13-233'55'-PentaCB-(111)	%	83						6967990
C13-23'44'55'-HexaCB-(167)	%	77						6967990
C13-2344'5-PentaCB-(114)	%	75						6967990
C13-23'44'5-PentaCB-(118)	%	76						6967990
C13-2'344'5-PentaCB-(123)	%	75						6967990
C13-2-MonoCB-(1)	%	43						6967990
C13-33'44'55'-HexaCB-(169)	%	76						6967990
C13-33'44'5-PentaCB-(126)	%	79						6967990
C13-33'44'-TetraCB-(77)	%	80						6967990
C13-344'5-TetraCB-(81)	%	79						6967990
C13-344'-TriCB-(37)	%	65						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	73						6967990
C13-4-MonoCB-(3)	%	58						6967990
C13-DecaCB-(209)	%	98						6967990
C13-HexaCB-(156)+(157)	%	70						6967990

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0032	0.0032	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.018	0.018	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.016	0.016	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.017	0.017	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.017	0.017	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.026	0.026	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0085	0.0085	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0054	0.0054	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0071	0.0044	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0044	0.0044	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0504	0.0023	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0022	0.0022	0.020				6967990
234'-TriCB-(22)	ng/g	0.0092	0.0023	0.010				6967990
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010				6967990
236-TriCB-(24)	ng/g	<0.0035	0.0035	0.010				6967990
23'4-TriCB-(25)	ng/g	0.0061	0.0024	0.010				6967990
TriCB-(26)+(29)	ng/g	0.0098	0.0022	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0037	0.0037	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0407	0.0022	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0036	0.0036	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0024	0.0024	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010				6967990
344'-TriCB-(37)	ng/g	0.0084	0.0035	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0117	0.0036	0.030				6967990
22'34'-TetraCB-(42)	ng/g	0.0102	0.0039	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0053	0.0053	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0545	0.0033	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0037	0.0037	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0036	0.0036	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0351	0.0032	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0036	0.0036	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0989	0.0036	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0049	0.0049	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0192	0.0051	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0047	0.0047	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0027	0.0027	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0163	0.0046	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.157	0.0045	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0044	0.0044	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0259	0.0029	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.0987	0.0044	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0048	0.0048	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0048	0.0048	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0053	0.0053	0.010	0.000100	0.000000530		6967990
33'45-TetraCB-(78)	ng/g	<0.0046	0.0046	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0041	0.0041	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.010				6967990
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.010	0.000300	0.00000153		6967990
22'33'4-PentaCB-(82)	ng/g	<0.0083	0.0083	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.136	0.0077	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0135	0.0081	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0273	0.0059	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0818	0.0062	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0105	0.0072	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0081	0.0081	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.192	0.0063	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0365	0.0075	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0074	0.0074	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.0660	0.0071	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0066	0.0066	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.0742	0.0036	0.010	0.0000300	0.00000223		6967990
233'45-PentaCB-(106)	ng/g	<0.0028	0.0028	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0171	0.0031	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0062	0.0031	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.179	0.0061	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0053	0.0053	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0051	0.0051	0.010				6967990
2344'5-PentaCB-(114)	ng/g	0.0052	0.0035	0.010	0.0000300	0.000000156		6967990
23'44'5-PentaCB-(118)	ng/g	0.214	0.0036	0.010	0.0000300	0.00000642		6967990
23'455'-PentaCB-(120)	ng/g	<0.0054	0.0054	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0054	0.0054	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0034	0.0034	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0039	0.0039	0.010	0.0000300	0.000000117		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0033	0.0033	0.010	0.100	0.000330		6967990
33'455'-PentaCB-(127)	ng/g	<0.0031	0.0031	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0364	0.0090	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.213	0.010	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	<0.012	0.012	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.027	0.011	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.011	0.011	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.045	0.013	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0100	0.0095	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	<0.014	0.014	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.010	0.010	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.020	0.010	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.013	0.013	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0096	0.0096	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	<0.024 (1)	0.024	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.0896	0.0096	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.013	0.013	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0095	0.0095	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0087	0.0087	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.163	0.0082	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.011	0.011	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0064	0.0064	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.0200	0.0050	0.020	0.0000300	0.000000600		6967990
233'44'6-HexaCB-(158)	ng/g	0.0165	0.0071	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0081	0.0081	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0076	0.0076	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0064	0.0064	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0087	0.0087	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0078	0.0047	0.010	0.0000300	0.000000234		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0049	0.0049	0.010	0.0300	0.000147		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.010 (1)	0.010	0.010				6967990
HeptaCB-(171)+(173)	ng/g	<0.011	0.011	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.010				6967990

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QC Batch = Quality Control Batch

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0092	0.0092	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0067	0.0067	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0049	0.0049	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.012	0.012	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0068	0.0068	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0103	0.0047	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.0268	0.0089	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0067	0.0067	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	<0.0077 (1)	0.0077	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0045	0.0045	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.026	0.026	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0050	0.0050	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0377	0.0065	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0051	0.0051	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.010	0.010	0.010	0.0000300	0.000000300		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0086	0.0086	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0087	0.0087	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0096	0.0096	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0089	0.0089	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0090	0.0090	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.011	0.011	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0083	0.0083	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0079	0.0079	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0090	0.0090	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0088	0.0088	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0077	0.0077	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.010	0.010	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0091	0.0091	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.011	0.011	0.010				6967990
DecaCB-(209)	ng/g	<0.011	0.011	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000489		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	98						6967990
C13-22'33'44'5-HeptaCB-(170)	%	100						6967990
C13-22'33'455'66'-NonaCB-(208)	%	100						6967990
C13-22'33'55'66'-OctaCB-(202)	%	105						6967990
C13-22'33'55'6-HeptaCB-(178)	%	109						6967990
C13-22'344'55'-HeptaCB-(180)	%	99						6967990
C13-22'34'566'-HeptaCB-(188)	%	91						6967990
C13-22'44'66'-HexaCB-(155)	%	86						6967990
C13-22'466'-PentaCB-(104)	%	88						6967990
C13-22'66'-TetraCB-(54)	%	77						6967990
C13-22'6-TriCB-(19)	%	67						6967990
C13-22'-DiCB-(4)	%	64						6967990
C13-233'44'55'6-OctaCB-(205)	%	96						6967990
C13-233'44'55'-HeptaCB-(189)	%	87						6967990
C13-233'44'-PentaCB-(105)	%	77						6967990
C13-233'55'-PentaCB-(111)	%	92						6967990
C13-23'44'55'-HexaCB-(167)	%	74						6967990
C13-2344'5-PentaCB-(114)	%	77						6967990
C13-23'44'5-PentaCB-(118)	%	78						6967990
C13-2'344'5-PentaCB-(123)	%	75						6967990
C13-2-MonoCB-(1)	%	42						6967990
C13-33'44'55'-HexaCB-(169)	%	74						6967990
C13-33'44'5-PentaCB-(126)	%	83						6967990
C13-33'44'-TetraCB-(77)	%	74						6967990
C13-344'5-TetraCB-(81)	%	80						6967990
C13-344'-TriCB-(37)	%	70						6967990
C13-44'-DiCB-(15)	%	69						6967990
C13-4-MonoCB-(3)	%	49						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	116						6967990
C13-HexaCB-(156)+(157)	%	73						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.013	0.013	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.013	0.013	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.013	0.013	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.012	0.012	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.013	0.013	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0065	0.0065	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0041	0.0041	0.0099				6967990
TriCB-(18)+(30)	ng/g	0.0080	0.0034	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0034	0.0034	0.0099				6967990
TriCB-(20) + (28)	ng/g	<0.046 (1)	0.046	0.020				6967990
TriCB-(21)+(33)	ng/g	0.0063	0.0017	0.020				6967990
234'-TriCB-(22)	ng/g	0.0084	0.0018	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0027	0.0027	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.0099				6967990
TriCB-(26)+(29)	ng/g	0.0078	0.0018	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099				6967990
24'5-TriCB-(31)	ng/g	0.0447	0.0018	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0019	0.0019	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0072	0.0027	0.0099				6967990
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0238	0.0055	0.030				6967990
22'34'-TetraCB-(42)	ng/g	0.0191	0.0060	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0083	0.0083	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.123	0.0052	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0057	0.0057	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0064	0.0064	0.0099				6967990
22'45-TetraCB-(48)	ng/g	0.0124	0.0056	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0756	0.0050	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0055	0.0055	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.278	0.0055	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0039	0.0039	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	0.0422	0.0041	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0038	0.0038	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	0.0089	0.0042	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0328	0.0037	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.352	0.0036	0.040				6967990
234'5-TetraCB-(63)	ng/g	0.0101	0.0035	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0496	0.0045	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.175	0.0035	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0034	0.0034	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0038	0.0038	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0038	0.0038	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0037	0.0037	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	0.0138	0.0043	0.0099	0.000100	0.00000138		6967990
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0033	0.0033	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0032	0.0032	0.0099				6967990
344'5-TetraCB-(81)	ng/g	<0.0041	0.0041	0.0099	0.000300	0.00000123		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0205	0.0083	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.402	0.0077	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0397	0.0081	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0769	0.0058	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.224	0.0061	0.059				6967990
PentaCB-(88)+(91)	ng/g	0.0369	0.0072	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0080	0.0080	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.622	0.0062	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.109	0.0074	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0073	0.0073	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0082	0.0082	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.177	0.0071	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0066	0.0066	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.229	0.0038	0.0099	0.0000300	0.00000687		6967990
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0537	0.0032	0.0099				6967990
PentaCB-(108)+(124)	ng/g	0.0199	0.0032	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.547	0.0060	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0053	0.0053	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0051	0.0051	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	0.0151	0.0036	0.0099	0.0000300	0.000000453		6967990
23'44'5-PentaCB-(118)	ng/g	0.668	0.0037	0.0099	0.0000300	0.0000200		6967990
23'455'-PentaCB-(120)	ng/g	<0.0054	0.0054	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0054	0.0054	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	0.0089	0.0036	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	0.0062	0.0040	0.0099	0.0000300	0.000000186		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0034	0.0034	0.0099	0.100	0.000340		6967990
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0926	0.0085	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.745	0.0095	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.044	0.012	0.0099				6967990

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.088	0.011	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	0.012	0.010	0.0099				6967990
HexaCB-(134)+(143)	ng/g	0.014	0.012	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.148	0.012	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0231	0.0088	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	0.036	0.013	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0097	0.0097	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0457	0.0095	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	0.018	0.012	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0090	0.0090	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.126	0.0095	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.374	0.0091	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0088	0.0088	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0080	0.0080	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.511	0.0078	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.010	0.010	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0060	0.0060	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0748	0.0064	0.020	0.0000300	0.00000224		6967990
233'44'6-HexaCB-(158)	ng/g	0.0454	0.0068	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0051	0.0051	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0077	0.0077	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0072	0.0072	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0045	0.0045	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0219	0.0061	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0082	0.0082	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0251	0.0060	0.0099	0.0000300	0.000000753		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0062	0.0062	0.0099	0.0300	0.000186		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.027 (1)	0.027	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	0.0196	0.0086	0.020				6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	0.0222	0.0073	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0046	0.0046	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	0.0071	0.0034	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.0427	0.0095	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0234	0.0046	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0283	0.0032	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0953	0.0070	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.0099	0.0099	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0243	0.0059	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.020	0.020	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.131	0.0044	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0035	0.0035	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0093	0.0093	0.0099	0.0000300	0.000000279		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0067	0.0067	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0069	0.0069	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0076	0.0076	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.013	0.013	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.013	0.013	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.019	0.019	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.023	0.023	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.015	0.015	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0069	0.0069	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.012	0.012	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.011	0.011	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.010	0.010	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.012	0.012	0.0099				6967990
DecaCB-(209)	ng/g	<0.021	0.021	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000559		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	88						6967990
C13-22'33'44'5-HeptaCB-(170)	%	100						6967990
C13-22'33'455'66'-NonaCB-(208)	%	94						6967990
C13-22'33'55'66'-OctaCB-(202)	%	103						6967990
C13-22'33'55'6-HeptaCB-(178)	%	90						6967990
C13-22'344'55'-HeptaCB-(180)	%	102						6967990
C13-22'34'566'-HeptaCB-(188)	%	85						6967990
C13-22'44'66'-HexaCB-(155)	%	90						6967990
C13-22'466'-PentaCB-(104)	%	87						6967990
C13-22'66'-TetraCB-(54)	%	76						6967990
C13-22'6-TriCB-(19)	%	67						6967990
C13-22'-DiCB-(4)	%	61						6967990
C13-233'44'55'6-OctaCB-(205)	%	88						6967990
C13-233'44'55'-HeptaCB-(189)	%	92						6967990
C13-233'44'-PentaCB-(105)	%	76						6967990
C13-233'55'-PentaCB-(111)	%	78						6967990
C13-23'44'55'-HexaCB-(167)	%	74						6967990
C13-2344'5-PentaCB-(114)	%	72						6967990
C13-23'44'5-PentaCB-(118)	%	75						6967990
C13-2'344'5-PentaCB-(123)	%	75						6967990
C13-2-MonoCB-(1)	%	41						6967990
C13-33'44'55'-HexaCB-(169)	%	67						6967990
C13-33'44'5-PentaCB-(126)	%	77						6967990
C13-33'44'-TetraCB-(77)	%	64						6967990
C13-344'5-TetraCB-(81)	%	73						6967990
C13-344'-TriCB-(37)	%	76						6967990
C13-44'-DiCB-(15)	%	68						6967990
C13-4-MonoCB-(3)	%	53						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	91						6967990
C13-HexaCB-(156)+(157)	%	69						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.018	0.018	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.017	0.017	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.017	0.017	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.017	0.017	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.026	0.026	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0069	0.0069	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0044	0.0044	0.0099				6967990
TriCB-(18)+(30)	ng/g	<0.0036	0.0036	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0036	0.0036	0.0099				6967990
TriCB-(20) + (28)	ng/g	<0.014 (1)	0.014	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0027	0.0027	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0028	0.0028	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0027	0.0027	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0029	0.0029	0.0099				6967990
23'4-TriCB-(25)	ng/g	<0.0028	0.0028	0.0099				6967990
TriCB-(26)+(29)	ng/g	<0.0027	0.0027	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0031	0.0031	0.0099				6967990
24'5-TriCB-(31)	ng/g	<0.011 (1)	0.011	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0030	0.0030	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0027	0.0027	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0042	0.0042	0.0099				6967990
345-TriCB-(38)	ng/g	<0.0027	0.0027	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0026	0.0026	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0035	0.0035	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0039	0.0039	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0053	0.0053	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0204	0.0033	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0037	0.0037	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0041	0.0041	0.0099				6967990
22'45-TetraCB-(48)	ng/g	<0.0036	0.0036	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0106	0.0032	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0036	0.0036	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0372	0.0036	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0056	0.0056	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	0.0072	0.0058	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0054	0.0054	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0053	0.0053	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0027	0.0027	0.030				6967990
2344'-TetraCB -(60)	ng/g	<0.0057 (1)	0.0057	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0568	0.0052	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0051	0.0051	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0089	0.0029	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.0314	0.0050	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0049	0.0049	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0055	0.0055	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0055	0.0055	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	<0.0061	0.0061	0.0099	0.000100	0.000000610		6967990
33'45-TetraCB-(78)	ng/g	<0.0052	0.0052	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0047	0.0047	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0046	0.0046	0.0099				6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0059	0.0059	0.0099	0.000300	0.00000177		6967990
22'33'4-PentaCB-(82)	ng/g	<0.0066	0.0066	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.0555	0.0061	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.0064	0.0064	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0113	0.0046	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0356	0.0049	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.0057	0.0057	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0064	0.0064	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.0741	0.0050	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0160	0.0059	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0058	0.0058	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0065	0.0065	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.0335	0.0057	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0052	0.0052	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0022	0.0022	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.0344	0.0022	0.0099	0.0000300	0.00000103		6967990
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0070	0.0019	0.0099				6967990
PentaCB-(108)+(124)	ng/g	<0.0019	0.0019	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.0757	0.0048	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0042	0.0042	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0040	0.0040	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630		6967990
23'44'5-PentaCB-(118)	ng/g	0.0834	0.0022	0.0099	0.0000300	0.00000250		6967990
23'455'-PentaCB-(120)	ng/g	<0.0043	0.0043	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0043	0.0043	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0024	0.0024	0.0099	0.0000300	0.0000000720		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.0099	0.100	0.000200		6967990
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.018	0.011	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.118	0.012	0.030				6967990

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.015	0.015	0.0099				6967990
22'33'46-HexaCB-(131)	ng/g	<0.015	0.015	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.016	0.014	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.013	0.013	0.0099				6967990
HexaCB-(134)+(143)	ng/g	<0.014	0.014	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.023	0.010	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	<0.0073	0.0073	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	<0.017	0.017	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.012	0.012	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	<0.012	0.012	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.014	0.014	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.010	0.010	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0074	0.0074	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.017	0.012	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.054	0.011	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0098	0.0098	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0073	0.0073	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0067	0.0067	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.0928	0.0097	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0085	0.0085	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0050	0.0050	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0098	0.0060	0.020	0.0000300	0.000000294		6967990
233'44'6-HexaCB-(158)	ng/g	<0.0084	0.0084	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0049	0.0049	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0096	0.0096	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0089	0.0089	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0043	0.0043	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.0076	0.0076	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.010	0.010	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	<0.0057	0.0057	0.0099	0.0000300	0.000000171		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0059	0.0059	0.0099	0.0300	0.000177		6967990
22'33'44'5-HeptaCB-(170)	ng/g	<0.0081	0.0081	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	<0.010	0.010	0.020				6967990

EDL = Estimated Detection Limit
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0087	0.0087	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0040	0.0040	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0029	0.0029	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	<0.011	0.011	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0040	0.0040	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	<0.0028	0.0028	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0169	0.0085	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	<0.0072	0.0072	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.025	0.025	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0209	0.0038	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0094	0.0094	0.0099	0.0000300	0.000000282		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0081	0.0081	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0083	0.0083	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0091	0.0091	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.011	0.011	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.011	0.011	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.011	0.011	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.014	0.014	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.0094	0.0094	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0042	0.0042	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0068	0.0068	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0065	0.0065	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0074	0.0074	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0072	0.0072	0.0099				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0092	0.0092	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.012	0.012	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.011	0.011	0.0099				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.013	0.013	0.0099				6967990
DecaCB-(209)	ng/g	<0.022	0.022	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000384		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	78						6967990
C13-22'33'44'5-HeptaCB-(170)	%	99						6967990
C13-22'33'455'66'-NonaCB-(208)	%	91						6967990
C13-22'33'55'66'-OctaCB-(202)	%	103						6967990
C13-22'33'55'6-HeptaCB-(178)	%	89						6967990
C13-22'344'55'-HeptaCB-(180)	%	98						6967990
C13-22'34'566'-HeptaCB-(188)	%	85						6967990
C13-22'44'66'-HexaCB-(155)	%	82						6967990
C13-22'466'-PentaCB-(104)	%	81						6967990
C13-22'66'-TetraCB-(54)	%	69						6967990
C13-22'6-TriCB-(19)	%	61						6967990
C13-22'-DiCB-(4)	%	55						6967990
C13-233'44'55'6-OctaCB-(205)	%	85						6967990
C13-233'44'55'-HeptaCB-(189)	%	84						6967990
C13-233'44'-PentaCB-(105)	%	77						6967990
C13-233'55'-PentaCB-(111)	%	80						6967990
C13-23'44'55'-HexaCB-(167)	%	74						6967990
C13-2344'5-PentaCB-(114)	%	76						6967990
C13-23'44'5-PentaCB-(118)	%	77						6967990
C13-2'344'5-PentaCB-(123)	%	75						6967990
C13-2-MonoCB-(1)	%	39						6967990
C13-33'44'55'-HexaCB-(169)	%	69						6967990
C13-33'44'5-PentaCB-(126)	%	76						6967990
C13-33'44'-TetraCB-(77)	%	76						6967990
C13-344'5-TetraCB-(81)	%	75						6967990
C13-344'-TriCB-(37)	%	72						6967990
C13-44'-DiCB-(15)	%	64						6967990
C13-4-MonoCB-(3)	%	48						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	77						6967990
C13-HexaCB-(156)+(157)	%	71						6967990

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0030	0.0030	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.017	0.017	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.016	0.016	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.016	0.016	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.016	0.016	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.026	0.026	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0063	0.0063	0.010				6967990
22'4-TriCB-(17)	ng/g	0.0062	0.0040	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0163	0.0033	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0671	0.0032	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0069 (1)	0.0069	0.020				6967990
234'-TriCB-(22)	ng/g	0.0084	0.0033	0.010				6967990
235-TriCB-(23)	ng/g	<0.0031	0.0031	0.010				6967990
236-TriCB-(24)	ng/g	<0.0026	0.0026	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0033	0.0033	0.010				6967990
TriCB-(26)+(29)	ng/g	0.0085	0.0031	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0028	0.0028	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0432	0.0031	0.010				6967990
24'6-TriCB-(32)	ng/g	0.0034	0.0027	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0034	0.0034	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0032	0.0032	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0028	0.0028	0.010				6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0064 (1)	0.0064	0.010				6967990
345-TriCB-(38)	ng/g	<0.0031	0.0031	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0030	0.0030	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0340	0.0036	0.030				6967990
22'34'-TetraCB-(42)	ng/g	0.0351	0.0040	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0054	0.0054	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.179	0.0034	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0038	0.0038	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.010				6967990
22'45-TetraCB-(48)	ng/g	0.0163	0.0036	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.114	0.0033	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0036	0.0036	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.349	0.0036	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0031	0.0031	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0049	0.0049	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0291	0.0050	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.011 (1)	0.011	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0395	0.0046	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.368	0.0045	0.040				6967990
234'5-TetraCB-(63)	ng/g	0.0137	0.0044	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0780	0.0029	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.213	0.0043	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010				6967990
23'45'-TetraCB-(68)	ng/g	0.0047	0.0047	0.010				6967990
23'55'-TetraCB-(72)	ng/g	0.0082	0.0047	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.010				6967990
33'44'-TetraCB-(77)	ng/g	0.0126	0.0053	0.010	0.000100	0.00000126		6967990
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0041	0.0041	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0040	0.0040	0.010				6967990

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0051	0.0051	0.010	0.000300	0.00000153		6967990
22'33'4-PentaCB-(82)	ng/g	0.0324	0.0058	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.565	0.0053	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0515	0.0056	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.119	0.0041	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.334	0.0043	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0509	0.0050	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0056	0.0056	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.764	0.0043	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.148	0.0052	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0051	0.0051	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0057	0.0057	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.237	0.0050	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0046	0.0046	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.316	0.0038	0.010	0.0000300	0.00000948		6967990
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0726	0.0033	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0217	0.0032	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.825	0.0042	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0037	0.0037	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0035	0.0035	0.010				6967990
2344'5-PentaCB-(114)	ng/g	0.0195	0.0037	0.010	0.0000300	0.000000585		6967990
23'44'5-PentaCB-(118)	ng/g	0.877	0.0037	0.010	0.0000300	0.0000263		6967990
23'455'-PentaCB-(120)	ng/g	<0.0037	0.0037	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0037	0.0037	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0036	0.0036	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	0.0091	0.0041	0.010	0.0000300	0.000000273		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0035	0.0035	0.010	0.100	0.000350		6967990
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.136	0.0090	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.947	0.010	0.030				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.051	0.012	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.013	0.013	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	0.108	0.012	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	0.013	0.011	0.010				6967990
HexaCB-(134)+(143)	ng/g	0.021	0.012	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.170	0.0084	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0223	0.0060	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	0.049	0.014	0.010				6967990
HexaCB-(139)+(140)	ng/g	0.011	0.010	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.074	0.010	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.012	0.012	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	0.0192	0.0084	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0061	0.0061	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	0.133	0.010	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.353	0.0097	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0081	0.0081	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0060	0.0060	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0055	0.0055	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.730	0.0083	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	0.0087	0.0070	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0041	0.0041	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.100	0.0040	0.020	0.0000300	0.00000300		6967990
233'44'6-HexaCB-(158)	ng/g	0.0677	0.0072	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0032	0.0032	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0082	0.0082	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0076	0.0076	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0304	0.0065	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0088	0.0088	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0345	0.0038	0.010	0.0000300	0.00000104		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.010	0.0300	0.000117		6967990
22'33'44'5-HeptaCB-(170)	ng/g	0.0559	0.0082	0.010				6967990
HeptaCB-(171)+(173)	ng/g	0.026	0.010	0.020				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.012	0.012	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	0.0284	0.0089	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0057	0.0057	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	0.0070	0.0042	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.045	0.012	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0268	0.0057	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0271	0.0040	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.162	0.0086	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.012	0.012	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0057	0.0057	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0363	0.0072	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0038	0.0038	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.025	0.025	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0042	0.0042	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.139	0.0055	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0066	0.0066	0.010	0.0000300	0.000000198		6967990
233'44'56-HeptaCB-(190)	ng/g	0.0126	0.0082	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0084	0.0084	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0093	0.0093	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	0.0195	0.0098	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0098	0.0098	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.010				6967990
OctaCB-(198)+(199)	ng/g	0.016	0.011	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0083	0.0083	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	0.0079	0.0079	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0090	0.0090	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0088	0.0088	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0085	0.0085	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0066	0.0066	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0058	0.0058	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.010				6967990
DecaCB-(209)	ng/g	<0.0088	0.0088	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000511		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	92						6967990
C13-22'33'44'5-HeptaCB-(170)	%	91						6967990
C13-22'33'455'66'-NonaCB-(208)	%	94						6967990
C13-22'33'55'66'-OctaCB-(202)	%	94						6967990
C13-22'33'55'6-HeptaCB-(178)	%	87						6967990
C13-22'344'55'-HeptaCB-(180)	%	90						6967990
C13-22'34'566'-HeptaCB-(188)	%	85						6967990
C13-22'44'66'-HexaCB-(155)	%	82						6967990
C13-22'466'-PentaCB-(104)	%	85						6967990
C13-22'66'-TetraCB-(54)	%	84						6967990
C13-22'6-TriCB-(19)	%	65						6967990
C13-22'-DiCB-(4)	%	58						6967990
C13-233'44'55'6-OctaCB-(205)	%	87						6967990
C13-233'44'55'-HeptaCB-(189)	%	93						6967990
C13-233'44'-PentaCB-(105)	%	81						6967990
C13-233'55'-PentaCB-(111)	%	71						6967990
C13-23'44'55'-HexaCB-(167)	%	78						6967990
C13-2344'5-PentaCB-(114)	%	81						6967990
C13-23'44'5-PentaCB-(118)	%	83						6967990
C13-2'344'5-PentaCB-(123)	%	79						6967990
C13-2-MonoCB-(1)	%	39						6967990
C13-33'44'55'-HexaCB-(169)	%	84						6967990
C13-33'44'5-PentaCB-(126)	%	88						6967990
C13-33'44'-TetraCB-(77)	%	88						6967990
C13-344'5-TetraCB-(81)	%	89						6967990
C13-344'-TriCB-(37)	%	76						6967990
C13-44'-DiCB-(15)	%	67						6967990
C13-4-MonoCB-(3)	%	46						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	103						6967990
C13-HexaCB-(156)+(157)	%	78						6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.021	0.021	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.020	0.020	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.021	0.021	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.020	0.020	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.020	0.020	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.021	0.021	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.020	0.020	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.020	0.020	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.031	0.031	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0077	0.0077	0.010				6967990
22'4-TriCB-(17)	ng/g	<0.0049	0.0049	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0044	0.0040	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0040	0.0040	0.010				6967990
TriCB-(20) + (28)	ng/g	<0.018 (1)	0.018	0.020				6967990
TriCB-(21)+(33)	ng/g	<0.0022	0.0022	0.020				6967990
234'-TriCB-(22)	ng/g	<0.0023	0.0023	0.010				6967990
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010				6967990
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.010				6967990
23'4-TriCB-(25)	ng/g	<0.0023	0.0023	0.010				6967990
TriCB-(26)+(29)	ng/g	<0.0022	0.0022	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0034	0.0034	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0172	0.0022	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0033	0.0033	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0024	0.0024	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.010				6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0034	0.0034	0.010				6967990
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	<0.0050	0.0050	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.0054	0.0054	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0074	0.0074	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0341	0.0046	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0058	0.0058	0.010				6967990
22'45-TetraCB-(48)	ng/g	<0.0050	0.0050	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0192	0.0045	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0050	0.0050	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.0737	0.0050	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0048	0.0048	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0100	0.0050	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0046	0.0046	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0046	0.0046	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	<0.0038	0.0038	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0125	0.0046	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0994	0.0044	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0043	0.0043	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0128	0.0040	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.0536	0.0043	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0047	0.0047	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0047	0.0047	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0033	0.0033	0.010				6967990
33'44'-TetraCB-(77)	ng/g	<0.0052	0.0052	0.010	0.000100	0.000000520		6967990
33'45-TetraCB-(78)	ng/g	<0.0045	0.0045	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0040	0.0040	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0039	0.0039	0.010				6967990
344'5-TetraCB-(81)	ng/g	<0.0050	0.0050	0.010	0.000300	0.00000150		6967990

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0090	0.0090	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.129	0.0083	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0136	0.0088	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0220	0.0064	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0637	0.0067	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.0079	0.0079	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0087	0.0087	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.160	0.0068	0.030				6967990
22'355'-PentaCB-(92)	ng/g	<0.028 (1)	0.028	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0080	0.0080	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0089	0.0089	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.0644	0.0078	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0071	0.0071	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0023	0.0023	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.0714	0.0039	0.010	0.0000300	0.00000214		6967990
233'45-PentaCB-(106)	ng/g	<0.0030	0.0030	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0150	0.0033	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0051	0.0033	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.146	0.0066	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0057	0.0057	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0055	0.0055	0.010				6967990
2344'5-PentaCB-(114)	ng/g	<0.0038	0.0038	0.010	0.0000300	0.000000114		6967990
23'44'5-PentaCB-(118)	ng/g	0.197	0.0038	0.010	0.0000300	0.00000591		6967990
23'455'-PentaCB-(120)	ng/g	<0.0059	0.0059	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0059	0.0059	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0037	0.0037	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0042	0.0042	0.010	0.0000300	0.000000126		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0036	0.0036	0.010	0.100	0.000360		6967990
33'455'-PentaCB-(127)	ng/g	<0.0033	0.0033	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0295	0.0058	0.020				6967990
HexaCB-(129)+(138)+(163)	ng/g	0.241	0.0064	0.030				6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0143	0.0080	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0084	0.0084	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0277	0.0074	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0070	0.0070	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.0079	0.0079	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.0498	0.0083	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0082	0.0059	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	0.0192	0.0092	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0066	0.0066	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0096	0.0065	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.0076	0.0076	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.0082	0.0082	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0060	0.0060	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0385	0.0064	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.107	0.0062	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0079	0.0079	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0059	0.0059	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0054	0.0054	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.226	0.0053	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0069	0.0069	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0040	0.0040	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.0222	0.0041	0.020	0.0000300	0.000000666		6967990
233'44'6-HexaCB-(158)	ng/g	<0.016 (1)	0.016	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0052	0.0052	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0049	0.0049	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0029	0.0029	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0043	0.0041	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0056	0.0056	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0086	0.0038	0.010	0.0000300	0.000000258		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0040	0.0040	0.010	0.0300	0.000120		6967990
22'33'44'5-HeptaCB-(170)	ng/g	0.0122	0.0073	0.010				6967990

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QC Batch = Quality Control Batch

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0093	0.0093	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.011	0.011	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.0079	0.0079	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.015	0.010	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0098	0.0036	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0112	0.0025	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.0423	0.0077	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.011	0.011	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0089	0.0065	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.022	0.022	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0534	0.0035	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0052	0.0052	0.010	0.0000300	0.000000156		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0074	0.0074	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0075	0.0075	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0083	0.0083	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0068	0.0068	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0068	0.0068	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.018	0.018	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.023	0.023	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.015	0.015	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0067	0.0067	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.011	0.011	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.010	0.010	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.012	0.012	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.011	0.011	0.010				6967990
233'44'55'6-OctaCB-(205)	ng/g	<0.0059	0.0059	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0066	0.0066	0.010				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0059	0.0059	0.010				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0069	0.0069	0.010				6967990
DecaCB-(209)	ng/g	<0.011	0.011	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000491		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	90						6967990
C13-22'33'44'5-HeptaCB-(170)	%	101						6967990
C13-22'33'455'66'-NonaCB-(208)	%	98						6967990
C13-22'33'55'66'-OctaCB-(202)	%	110						6967990
C13-22'33'55'6-HeptaCB-(178)	%	103						6967990
C13-22'344'55'-HeptaCB-(180)	%	99						6967990
C13-22'34'566'-HeptaCB-(188)	%	90						6967990
C13-22'44'66'-HexaCB-(155)	%	83						6967990
C13-22'466'-PentaCB-(104)	%	86						6967990
C13-22'66'-TetraCB-(54)	%	77						6967990
C13-22'6-TriCB-(19)	%	59						6967990
C13-22'-DiCB-(4)	%	59						6967990
C13-233'44'55'6-OctaCB-(205)	%	85						6967990
C13-233'44'55'-HeptaCB-(189)	%	94						6967990
C13-233'44'-PentaCB-(105)	%	85						6967990
C13-233'55'-PentaCB-(111)	%	89						6967990
C13-23'44'55'-HexaCB-(167)	%	80						6967990
C13-2344'5-PentaCB-(114)	%	83						6967990
C13-23'44'5-PentaCB-(118)	%	88						6967990
C13-2'344'5-PentaCB-(123)	%	82						6967990
C13-2-MonoCB-(1)	%	40						6967990
C13-33'44'55'-HexaCB-(169)	%	81						6967990
C13-33'44'5-PentaCB-(126)	%	86						6967990
C13-33'44'-TetraCB-(77)	%	81						6967990
C13-344'5-TetraCB-(81)	%	84						6967990
C13-344'-TriCB-(37)	%	77						6967990
C13-44'-DiCB-(15)	%	64						6967990

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	49						6967990
C13-DecaCB-(209)	%	99						6967990
C13-HexaCB-(156)+(157)	%	78						6967990

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.010				6967990
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.010				6967990
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.010				6967990
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010				6967990
2,3-DiCB-(5)	ng/g	<0.018	0.018	0.010				6967990
2,3'-DiCB-(6)	ng/g	<0.017	0.017	0.010				6967990
2,4-DiCB-(7)	ng/g	<0.017	0.017	0.010				6967990
2,4'-DiCB-(8)	ng/g	<0.016	0.016	0.010				6967990
2,5-DiCB-(9)	ng/g	<0.017	0.017	0.010				6967990
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.010				6967990
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.010				6967990
DiCB-(12)+(13)	ng/g	<0.017	0.017	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.017	0.017	0.010				6967990
4,4'-DiCB-(15)	ng/g	<0.026	0.026	0.010				6967990
22'3-TriCB-(16)	ng/g	<0.0078	0.0078	0.010				6967990
22'4-TriCB-(17)	ng/g	0.0065	0.0050	0.010				6967990
TriCB-(18)+(30)	ng/g	0.0111	0.0041	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0041	0.0041	0.010				6967990
TriCB-(20) + (28)	ng/g	0.0601	0.0027	0.020				6967990
TriCB-(21)+(33)	ng/g	0.0168	0.0026	0.020				6967990
234'-TriCB-(22)	ng/g	0.0120	0.0027	0.010				6967990
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.010				6967990
236-TriCB-(24)	ng/g	<0.0032	0.0032	0.010				6967990
23'4-TriCB-(25)	ng/g	0.0034	0.0028	0.010				6967990
TriCB-(26)+(29)	ng/g	0.0081	0.0026	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.010				6967990
24'5-TriCB-(31)	ng/g	0.0485	0.0026	0.010				6967990
24'6-TriCB-(32)	ng/g	<0.0034	0.0034	0.010				6967990
23'5'-TriCB-(34)	ng/g	<0.0029	0.0029	0.010				6967990
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.010				6967990
33'5-TriCB-(36)	ng/g	<0.0024	0.0024	0.010				6967990

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0092 (1)	0.0092	0.010				6967990
345-TriCB-(38)	ng/g	<0.0026	0.0026	0.010				6967990
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.010				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0216	0.0035	0.030				6967990
22'34'-TetraCB-(42)	ng/g	<0.013 (1)	0.013	0.010				6967990
22'35-TetraCB-(43)	ng/g	<0.0052	0.0052	0.010				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0900	0.0032	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0040	0.0040	0.010				6967990
22'45-TetraCB-(48)	ng/g	0.0161	0.0035	0.010				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0510	0.0031	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.161	0.0035	0.010				6967990
22'66'-TetraCB-(54)	ng/g	<0.0033	0.0033	0.010				6967990
233'4-TetraCB-(55)	ng/g	<0.0044	0.0044	0.010				6967990
233'4'-Tetra CB(56)	ng/g	0.0297	0.0046	0.010				6967990
233'5-TetraCB-(57)	ng/g	<0.0043	0.0043	0.010				6967990
233'5'-TetraCB-(58)	ng/g	<0.0042	0.0042	0.010				6967990
TetraCB-(59)+(62)+(75)	ng/g	0.0061	0.0026	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0316	0.0042	0.010				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.277	0.0041	0.040				6967990
234'5-TetraCB-(63)	ng/g	<0.0040	0.0040	0.010				6967990
234'6-TetraCB-(64)	ng/g	0.0368	0.0028	0.010				6967990
23'44'-TetraCB-(66)	ng/g	0.167	0.0040	0.010				6967990
23'45-TetraCB-(67)	ng/g	<0.0038	0.0038	0.010				6967990
23'45'-TetraCB-(68)	ng/g	<0.0043	0.0043	0.010				6967990
23'55'-TetraCB-(72)	ng/g	<0.0043	0.0043	0.010				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.010				6967990
33'44'-TetraCB-(77)	ng/g	0.0088	0.0048	0.010	0.000100	0.000000880		6967990
33'45-TetraCB-(78)	ng/g	<0.0041	0.0041	0.010				6967990
33'45'-TetraCB(79)	ng/g	<0.0037	0.0037	0.010				6967990
33'55'-TetraCB-(80)	ng/g	<0.0036	0.0036	0.010				6967990

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0046	0.0046	0.010	0.000300	0.00000138		6967990
22'33'4-PentaCB-(82)	ng/g	0.0157	0.0088	0.010				6967990
PentaCB-(83)+(99)	ng/g	0.285	0.0081	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	0.0271	0.0086	0.010				6967990
PentaCB-(85)+(116)+(117)	ng/g	0.0508	0.0062	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.146	0.0065	0.060				6967990
PentaCB-(88)+(91)	ng/g	<0.022 (1)	0.022	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0085	0.0085	0.010				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.379	0.0066	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0604	0.0079	0.010				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0078	0.0078	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0087	0.0087	0.010				6967990
22'35'6-PentaCB-(95)	ng/g	0.108	0.0076	0.010				6967990
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.010				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0070	0.0070	0.010				6967990
22'466'-PentaCB-(104)	ng/g	<0.0023	0.0023	0.010				6967990
233'44'-PentaCB-(105)	ng/g	0.144	0.0040	0.010	0.0000300	0.00000432		6967990
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.010				6967990
233'4'5-PentaCB-(107)	ng/g	0.0298	0.0035	0.010				6967990
PentaCB-(108)+(124)	ng/g	0.0102	0.0034	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.291	0.0064	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0056	0.0056	0.010				6967990
233'56-PentaCB-(112)	ng/g	<0.0054	0.0054	0.010				6967990
2344'5-PentaCB-(114)	ng/g	0.0060	0.0039	0.010	0.0000300	0.000000180		6967990
23'44'5-PentaCB-(118)	ng/g	0.418	0.0040	0.010	0.0000300	0.0000125		6967990
23'455'-PentaCB-(120)	ng/g	<0.0057	0.0057	0.010				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0057	0.0057	0.010				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0039	0.0039	0.010				6967990
23'44'5'-PentaCB-(123)	ng/g	<0.0043	0.0043	0.010	0.0000300	0.000000129		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0037	0.0037	0.010	0.100	0.000370		6967990
33'455'-PentaCB-(127)	ng/g	<0.0034	0.0034	0.010				6967990
HexaCB-(128)+(166)	ng/g	0.0611	0.0060	0.020				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.426	0.0067	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.0236	0.0083	0.010				6967990
22'33'46-HexaCB-(131)	ng/g	<0.0088	0.0088	0.010				6967990
22'33'46'-HexaCB-(132)	ng/g	0.0582	0.0077	0.010				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.0073	0.0073	0.010				6967990
HexaCB-(134)+(143)	ng/g	<0.0082	0.0082	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.083	0.010	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0142	0.0072	0.010				6967990
22'344'5-HexaCB-(137)	ng/g	<0.022 (1)	0.022	0.010				6967990
HexaCB-(139)+(140)	ng/g	<0.0068	0.0068	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0399	0.0067	0.010				6967990
22'3456-HexaCB-(142)	ng/g	<0.0079	0.0079	0.010				6967990
22'345'6-HexaCB-(144)	ng/g	<0.010	0.010	0.010				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0073	0.0073	0.010				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0713	0.0067	0.010				6967990
HexaCB-(147)+(149)	ng/g	0.231	0.0065	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.0097	0.0097	0.010				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0072	0.0072	0.010				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0066	0.0066	0.010				6967990
HexaCB-(153)+(168)	ng/g	0.335	0.0055	0.010				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.0084	0.0084	0.010				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0049	0.0049	0.010				6967990
HexaCB-(156)+(157)	ng/g	0.0409	0.0056	0.020	0.0000300	0.00000123		6967990
233'44'6-HexaCB-(158)	ng/g	0.0290	0.0048	0.010				6967990
233'455'-HexaCB-(159)	ng/g	<0.0045	0.0045	0.010				6967990
233'456-HexaCB-(160)	ng/g	<0.0054	0.0054	0.010				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0051	0.0051	0.010				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0040	0.0040	0.010				6967990
233'4'5'6-HexaCB-(164)	ng/g	0.0133	0.0043	0.010				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0058	0.0058	0.010				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0162	0.0052	0.010	0.0000300	0.000000486		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0054	0.0054	0.010	0.0300	0.000162		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	<0.026 (1)	0.026	0.010				6967990
HeptaCB-(171)+(173)	ng/g	0.014	0.011	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.013	0.013	0.010				6967990
22'33'456'-HeptaCB-(174)	ng/g	0.0231	0.0094	0.010				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0064	0.0064	0.010				6967990
22'33'466'-HeptaCB-(176)	ng/g	<0.0047	0.0047	0.010				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.017	0.012	0.010				6967990
22'33'55'6-HeptaCB-(178)	ng/g	0.0158	0.0064	0.010				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0168	0.0045	0.010				6967990
HeptaCB-(180)+(193)	ng/g	0.0639	0.0091	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.013	0.013	0.010				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0064	0.0064	0.010				6967990
22'344'5'6-HeptaCB-(183)	ng/g	0.0163	0.0077	0.010				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0043	0.0043	0.010				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.027	0.027	0.010				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0047	0.0047	0.010				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0865	0.0061	0.010				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0049	0.0049	0.010				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.015	0.015	0.010	0.0000300	0.000000450		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0088	0.0088	0.010				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0090	0.0090	0.010				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0099	0.0099	0.010				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.012	0.012	0.010				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.012	0.012	0.010				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.020	0.020	0.010				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.025	0.025	0.010				6967990
OctaCB-(198)+(199)	ng/g	<0.017	0.017	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0074	0.0074	0.010				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.012	0.012	0.010				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.011	0.011	0.010				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.013	0.013	0.010				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.013	0.013	0.010				6967990

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.010	0.010	0.010				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.017	0.017	0.010				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.015	0.015	0.010				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.017	0.017	0.010				6967990
DecaCB-(209)	ng/g	<0.027	0.027	0.010				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000554		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	94						6967990
C13-22'33'44'5-HeptaCB-(170)	%	110						6967990
C13-22'33'455'66'-NonaCB-(208)	%	91						6967990
C13-22'33'55'66'-OctaCB-(202)	%	122						6967990
C13-22'33'55'6-HeptaCB-(178)	%	98						6967990
C13-22'344'55'-HeptaCB-(180)	%	107						6967990
C13-22'34'566'-HeptaCB-(188)	%	95						6967990
C13-22'44'66'-HexaCB-(155)	%	101						6967990
C13-22'466'-PentaCB-(104)	%	94						6967990
C13-22'66'-TetraCB-(54)	%	81						6967990
C13-22'6-TriCB-(19)	%	60						6967990
C13-22'-DiCB-(4)	%	54						6967990
C13-233'44'55'6-OctaCB-(205)	%	90						6967990
C13-233'44'55'-HeptaCB-(189)	%	82						6967990
C13-233'44'-PentaCB-(105)	%	77						6967990
C13-233'55'-PentaCB-(111)	%	80						6967990
C13-23'44'55'-HexaCB-(167)	%	76						6967990
C13-2344'5-PentaCB-(114)	%	77						6967990
C13-23'44'5-PentaCB-(118)	%	78						6967990
C13-2'344'5-PentaCB-(123)	%	74						6967990
C13-2-MonoCB-(1)	%	34						6967990
C13-33'44'55'-HexaCB-(169)	%	67						6967990
C13-33'44'5-PentaCB-(126)	%	78						6967990
C13-33'44'-TetraCB-(77)	%	77						6967990
C13-344'5-TetraCB-(81)	%	81						6967990

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	76						6967990
C13-44'-DiCB-(15)	%	65						6967990
C13-4-MonoCB-(3)	%	45						6967990
C13-DecaCB-(209)	%	90						6967990
C13-HexaCB-(156)+(157)	%	74						6967990

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099				6967990
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099				6967990
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099				6967990
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0099				6967990
2,3-DiCB-(5)	ng/g	<0.016	0.016	0.0099				6967990
2,3'-DiCB-(6)	ng/g	<0.015	0.015	0.0099				6967990
2,4-DiCB-(7)	ng/g	<0.015	0.015	0.0099				6967990
2,4'-DiCB-(8)	ng/g	<0.015	0.015	0.0099				6967990
2,5-DiCB-(9)	ng/g	<0.015	0.015	0.0099				6967990
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0099				6967990
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.0099				6967990
DiCB-(12)+(13)	ng/g	<0.015	0.015	0.020				6967990
3,5-DiCB-(14)	ng/g	<0.015	0.015	0.0099				6967990
4,4'-DiCB-(15)	ng/g	<0.023	0.023	0.0099				6967990
22'3-TriCB-(16)	ng/g	<0.0058	0.0058	0.0099				6967990
22'4-TriCB-(17)	ng/g	<0.0039 (1)	0.0039	0.0099				6967990
TriCB-(18)+(30)	ng/g	0.0058	0.0030	0.020				6967990
22'6-TriCB-(19)	ng/g	<0.0030	0.0030	0.0099				6967990
TriCB-(20) + (28)	ng/g	0.0560	0.0026	0.020				6967990
TriCB-(21)+(33)	ng/g	0.0111	0.0026	0.020				6967990
234'-TriCB-(22)	ng/g	0.0106	0.0027	0.0099				6967990
235-TriCB-(23)	ng/g	<0.0026	0.0026	0.0099				6967990
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0099				6967990
23'4-TriCB-(25)	ng/g	0.0034	0.0027	0.0099				6967990
TriCB-(26)+(29)	ng/g	0.0059	0.0026	0.020				6967990
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.0099				6967990
24'5-TriCB-(31)	ng/g	<0.035 (1)	0.035	0.0099				6967990
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.0099				6967990
23'5'-TriCB-(34)	ng/g	<0.0028	0.0028	0.0099				6967990
33'4-TriCB-(35)	ng/g	<0.0026	0.0026	0.0099				6967990
33'5-TriCB-(36)	ng/g	<0.0023	0.0023	0.0099				6967990

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0112	0.0040	0.0099				6967990
345-TriCB-(38)	ng/g	<0.0025	0.0025	0.0099				6967990
34'5-TriCB-(39)	ng/g	<0.0025	0.0025	0.0099				6967990
TetraCB-(40)+(41)+(71)	ng/g	0.0187	0.0038	0.030				6967990
22'34'-TetraCB-(42)	ng/g	0.0138	0.0042	0.0099				6967990
22'35-TetraCB-(43)	ng/g	<0.0057	0.0057	0.0099				6967990
TetraCB-(44)+(47)+(65)	ng/g	0.0618	0.0036	0.030				6967990
TetraCB-(45)+(51)	ng/g	<0.0040	0.0040	0.020				6967990
22'36'-TetraCB-(46)	ng/g	<0.0044	0.0044	0.0099				6967990
22'45-TetraCB-(48)	ng/g	0.0098	0.0038	0.0099				6967990
TetraCB-(49)+TetraCB-(69)	ng/g	0.0382	0.0034	0.020				6967990
TetraCB-(50)+(53)	ng/g	<0.0038	0.0038	0.020				6967990
22'55'-TetraCB-(52)	ng/g	0.113	0.0038	0.0099				6967990
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0099				6967990
233'4-TetraCB-(55)	ng/g	<0.0059	0.0059	0.0099				6967990
233'4'-Tetra CB(56)	ng/g	0.0292	0.0061	0.0099				6967990
233'5-TetraCB-(57)	ng/g	<0.0057	0.0057	0.0099				6967990
233'5'-TetraCB-(58)	ng/g	<0.0056	0.0056	0.0099				6967990
TetraCB-(59)+(62)+(75)	ng/g	0.0059	0.0029	0.030				6967990
2344'-TetraCB -(60)	ng/g	0.0286	0.0056	0.0099				6967990
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.255	0.0054	0.040				6967990
234'5-TetraCB-(63)	ng/g	0.0072	0.0053	0.0099				6967990
234'6-TetraCB-(64)	ng/g	0.0335	0.0031	0.0099				6967990
23'44'-TetraCB-(66)	ng/g	0.169	0.0053	0.0099				6967990
23'45-TetraCB-(67)	ng/g	<0.0051	0.0051	0.0099				6967990
23'45'-TetraCB-(68)	ng/g	<0.0057	0.0057	0.0099				6967990
23'55'-TetraCB-(72)	ng/g	<0.0057	0.0057	0.0099				6967990
23'5'6-TetraCB-(73)	ng/g	<0.0026	0.0026	0.0099				6967990
33'44'-TetraCB-(77)	ng/g	<0.0066 (1)	0.0066	0.0099	0.000100	0.000000660		6967990
33'45-TetraCB-(78)	ng/g	<0.0055	0.0055	0.0099				6967990
33'45'-TetraCB(79)	ng/g	<0.0049	0.0049	0.0099				6967990
33'55'-TetraCB-(80)	ng/g	<0.0048	0.0048	0.0099				6967990

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0062	0.0062	0.0099	0.000300	0.00000186		6967990
22'33'4-PentaCB-(82)	ng/g	0.0132	0.0076	0.0099				6967990
PentaCB-(83)+(99)	ng/g	0.208	0.0071	0.020				6967990
22'33'6-PentaCB-(84)	ng/g	<0.020 (1)	0.020	0.0099				6967990
PentaCB-(85)+(116)+(117)	ng/g	<0.029 (1)	0.029	0.030				6967990
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.131	0.0057	0.060				6967990
PentaCB-(88)+(91)	ng/g	0.0215	0.0067	0.020				6967990
22'346'-PentaCB-(89)	ng/g	<0.0074	0.0074	0.0099				6967990
PentaCB-(90)+(101)+(113)	ng/g	0.308	0.0058	0.030				6967990
22'355'-PentaCB-(92)	ng/g	0.0448	0.0069	0.0099				6967990
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0068	0.0068	0.040				6967990
22'356'-PentaCB-(94)	ng/g	<0.0076	0.0076	0.0099				6967990
22'35'6-PentaCB-(95)	ng/g	0.0838	0.0066	0.0099				6967990
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.0099				6967990
22'45'6-PentaCB-(103)	ng/g	<0.0060	0.0060	0.0099				6967990
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.0099				6967990
233'44'-PentaCB-(105)	ng/g	0.127	0.0033	0.0099	0.0000300	0.00000381		6967990
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099				6967990
233'4'5-PentaCB-(107)	ng/g	0.0240	0.0028	0.0099				6967990
PentaCB-(108)+(124)	ng/g	0.0089	0.0028	0.020				6967990
PentaCB-(110)+(115)	ng/g	0.276	0.0056	0.020				6967990
233'55'-PentaCB-(111)	ng/g	<0.0049	0.0049	0.0099				6967990
233'56-PentaCB-(112)	ng/g	<0.0047	0.0047	0.0099				6967990
2344'5-PentaCB-(114)	ng/g	<0.0062 (1)	0.0062	0.0099	0.0000300	0.000000186		6967990
23'44'5-PentaCB-(118)	ng/g	0.370	0.0032	0.0099	0.0000300	0.0000111		6967990
23'455'-PentaCB-(120)	ng/g	<0.0050	0.0050	0.0099				6967990
23'45'6-PentaCB-(121)	ng/g	<0.0050	0.0050	0.0099				6967990
233'4'5'-PentaCB-(122)	ng/g	<0.0031	0.0031	0.0099				6967990
23'44'5'-PentaCB-(123)	ng/g	0.0063	0.0035	0.0099	0.0000300	0.000000189		6967990
33'44'5-PentaCB-(126)	ng/g	<0.0030	0.0030	0.0099	0.100	0.000300		6967990
33'455'-PentaCB-(127)	ng/g	<0.0028	0.0028	0.0099				6967990
HexaCB-(128)+(166)	ng/g	0.0473	0.0086	0.020				6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.328	0.0095	0.030				6967990
22'33'45'-HexaCB-(130)	ng/g	0.016	0.012	0.0099				6967990
22'33'46-HexaCB-(131)	ng/g	<0.012	0.012	0.0099				6967990
22'33'46'-HexaCB-(132)	ng/g	0.052	0.011	0.0099				6967990
22'33'55'-HexaCB-(133)	ng/g	<0.010	0.010	0.0099				6967990
HexaCB-(134)+(143)	ng/g	<0.012	0.012	0.020				6967990
HexaCB-(135)+(151)	ng/g	0.065	0.013	0.020				6967990
22'33'66'-HexaCB-(136)	ng/g	0.0118	0.0092	0.0099				6967990
22'344'5-HexaCB-(137)	ng/g	<0.014	0.014	0.0099				6967990
HexaCB-(139)+(140)	ng/g	<0.0097	0.0097	0.020				6967990
22'3455'-HexaCB-(141)	ng/g	0.0240	0.0096	0.0099				6967990
22'3456-HexaCB-(142)	ng/g	<0.011	0.011	0.0099				6967990
22'345'6-HexaCB-(144)	ng/g	<0.013	0.013	0.0099				6967990
22'3466'-HexaCB-(145)	ng/g	<0.0094	0.0094	0.0099				6967990
22'34'55'-HexaCB-(146)	ng/g	0.0478	0.0095	0.0099				6967990
HexaCB-(147)+(149)	ng/g	0.188	0.0092	0.020				6967990
22'34'56'-HexaCB-(148)	ng/g	<0.012	0.012	0.0099				6967990
22'34'66'-HexaCB-(150)	ng/g	<0.0092	0.0092	0.0099				6967990
22'3566'-HexaCB-(152)	ng/g	<0.0084	0.0084	0.0099				6967990
HexaCB-(153)+(168)	ng/g	0.245	0.0079	0.0099				6967990
22'44'56'-HexaCB-(154)	ng/g	<0.011	0.011	0.0099				6967990
22'44'66'-HexaCB-(155)	ng/g	<0.0062	0.0062	0.0099				6967990
HexaCB-(156)+(157)	ng/g	0.0385	0.0048	0.020	0.0000300	0.00000116		6967990
233'44'6-HexaCB-(158)	ng/g	0.0227	0.0068	0.0099				6967990
233'455'-HexaCB-(159)	ng/g	<0.0039	0.0039	0.0099				6967990
233'456-HexaCB-(160)	ng/g	<0.0077	0.0077	0.0099				6967990
233'45'6-HexaCB-(161)	ng/g	<0.0072	0.0072	0.0099				6967990
233'4'55'-HexaCB-(162)	ng/g	<0.0034	0.0034	0.0099				6967990
233'4'5'6-HexaCB-(164)	ng/g	<0.010 (1)	0.010	0.0099				6967990
233'55'6-HexaCB-(165)	ng/g	<0.0083	0.0083	0.0099				6967990
23'44'55'-HexaCB-(167)	ng/g	0.0129	0.0045	0.0099	0.0000300	0.000000387		6967990
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.0099	0.0300	0.000141		6967990

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0181	0.0068	0.0099				6967990
HeptaCB-(171)+(173)	ng/g	0.0130	0.0087	0.020				6967990
22'33'455'-HeptaCB-(172)	ng/g	<0.010	0.010	0.0099				6967990
22'33'456'-HeptaCB-(174)	ng/g	<0.016 (1)	0.016	0.0099				6967990
22'33'45'6-HeptaCB-(175)	ng/g	<0.0057	0.0057	0.0099				6967990
22'33'466'-HeptaCB-(176)	ng/g	0.0055	0.0042	0.0099				6967990
22'33'45'6'-HeptaCB-(177)	ng/g	0.0203	0.0097	0.0099				6967990
22'33'55'6-HeptaCB-(178)	ng/g	<0.0082 (1)	0.0082	0.0099				6967990
22'33'566'-HeptaCB-(179)	ng/g	0.0174	0.0040	0.0099				6967990
HeptaCB-(180)+(193)	ng/g	0.0510	0.0071	0.020				6967990
22'344'56-HeptaCB-(181)	ng/g	<0.010	0.010	0.0099				6967990
22'344'56'-HeptaCB-(182)	ng/g	<0.0058	0.0058	0.0099				6967990
22'344'5'6-HeptaCB-(183)	ng/g	<0.012 (1)	0.012	0.0099				6967990
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.0099				6967990
22'3455'6-HeptaCB-(185)	ng/g	<0.021	0.021	0.0099				6967990
22'34566'-HeptaCB-(186)	ng/g	<0.0042	0.0042	0.0099				6967990
22'34'55'6-HeptaCB-(187)	ng/g	0.0637	0.0055	0.0099				6967990
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.0099				6967990
233'44'55'-HeptaCB-(189)	ng/g	<0.0098	0.0098	0.0099	0.0000300	0.000000294		6967990
233'44'56-HeptaCB-(190)	ng/g	<0.0069	0.0069	0.0099				6967990
233'44'5'6-HeptaCB-(191)	ng/g	<0.0070	0.0070	0.0099				6967990
233'455'6-HeptaCB-(192)	ng/g	<0.0077	0.0077	0.0099				6967990
22'33'44'55'-OctaCB-(194)	ng/g	<0.0090	0.0090	0.0099				6967990
22'33'44'56-OctaCB-(195)	ng/g	<0.0090	0.0090	0.0099				6967990
22'33'44'56'-OctaCB-(196)	ng/g	<0.014	0.014	0.0099				6967990
22'33'44'66'OctaCB-(197)	ng/g	<0.017	0.017	0.0099				6967990
OctaCB-(198)+(199)	ng/g	<0.012	0.012	0.020				6967990
22'33'4566'-OctaCB-(200)	ng/g	<0.0052	0.0052	0.0099				6967990
22'33'45'66'-OctaCB-(201)	ng/g	<0.0083	0.0083	0.0099				6967990
22'33'55'66'-OctaCB-(202)	ng/g	<0.0080	0.0080	0.0099				6967990
22'344'55'6-OctaCB-(203)	ng/g	<0.0090	0.0090	0.0099				6967990
22'344'566'-OctaCB-(204)	ng/g	<0.0088	0.0088	0.0099				6967990

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RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0078	0.0078	0.0099				6967990
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0086	0.0086	0.0099				6967990
22'33'44'566'-NonaCB-(207)	ng/g	<0.0076	0.0076	0.0099				6967990
22'33'455'66'-NonaCB-(208)	ng/g	<0.0089	0.0089	0.0099				6967990
DecaCB-(209)	ng/g	<0.014	0.014	0.0099				6967990
TOTAL TOXIC EQUIVALENCY	ng/g					0.000461		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						6967990
C13-22'33'44'55'6-NonaCB-(206)	%	96						6967990
C13-22'33'44'5-HeptaCB-(170)	%	100						6967990
C13-22'33'455'66'-NonaCB-(208)	%	97						6967990
C13-22'33'55'66'-OctaCB-(202)	%	104						6967990
C13-22'33'55'6-HeptaCB-(178)	%	104						6967990
C13-22'344'55'-HeptaCB-(180)	%	98						6967990
C13-22'34'566'-HeptaCB-(188)	%	87						6967990
C13-22'44'66'-HexaCB-(155)	%	80						6967990
C13-22'466'-PentaCB-(104)	%	83						6967990
C13-22'66'-TetraCB-(54)	%	76						6967990
C13-22'6-TriCB-(19)	%	56						6967990
C13-22'-DiCB-(4)	%	52						6967990
C13-233'44'55'6-OctaCB-(205)	%	105						6967990
C13-233'44'55'-HeptaCB-(189)	%	96						6967990
C13-233'44'-PentaCB-(105)	%	94						6967990
C13-233'55'-PentaCB-(111)	%	83						6967990
C13-23'44'55'-HexaCB-(167)	%	90						6967990
C13-2344'5-PentaCB-(114)	%	92						6967990
C13-23'44'5-PentaCB-(118)	%	89						6967990
C13-2'344'5-PentaCB-(123)	%	92						6967990
C13-2-MonoCB-(1)	%	36						6967990
C13-33'44'55'-HexaCB-(169)	%	86						6967990
C13-33'44'5-PentaCB-(126)	%	99						6967990
C13-33'44'-TetraCB-(77)	%	95						6967990
C13-344'5-TetraCB-(81)	%	95						6967990

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	81						6967990
C13-44'-DiCB-(15)	%	65						6967990
C13-4-MonoCB-(3)	%	44						6967990
C13-DecaCB-(209)	%	103						6967990
C13-HexaCB-(156)+(157)	%	87						6967990

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00196	0.00017	0.010				6982339
3-MonoCB-(2)	ng/g	<0.00044 (1)	0.00044	0.010				6982339
4-MonoCB-(3)	ng/g	<0.00099 (1)	0.00099	0.010				6982339
22'-DiCB-(4)	ng/g	0.0475	0.00026	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.00037 (1)	0.00037	0.010				6982339
2,3'-DiCB-(6)	ng/g	0.0295	0.00019	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.0017 (1)	0.0017	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.0933	0.00019	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.0017 (1)	0.0017	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.0013 (1)	0.0013	0.010				6982339
3,3'-DiCB-(11)	ng/g	0.0185	0.00020	0.010				6982339
DiCB-(12)+(13)	ng/g	<0.0045 (1)	0.0045	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00019	0.00019	0.010				6982339
4,4'-DiCB-(15)	ng/g	0.0427	0.00027	0.010				6982339
22'3-TriCB-(16)	ng/g	0.131	0.00040	0.010				6982339
22'4-TriCB-(17)	ng/g	0.234	0.00038	0.010				6982339
TriCB-(18)+(30)	ng/g	0.726	0.00032	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0014 (1)	0.0014	0.010				6982339
TriCB-(20) + (28)	ng/g	1.47	0.00036	0.020				6982339
TriCB-(21)+(33)	ng/g	0.193	0.00038	0.020				6982339
234'-TriCB-(22)	ng/g	0.306	0.00038	0.010				6982339
235-TriCB-(23)	ng/g	<0.00037	0.00037	0.010				6982339
236-TriCB-(24)	ng/g	<0.00032	0.00032	0.010				6982339
23'4-TriCB-(25)	ng/g	0.0830	0.00037	0.010				6982339
TriCB-(26)+(29)	ng/g	0.190	0.00036	0.020				6982339
23'6-TriCB-(27)	ng/g	0.0651	0.00027	0.010				6982339
24'5-TriCB-(31)	ng/g	1.57	0.00036	0.010				6982339
24'6-TriCB-(32)	ng/g	0.140	0.00026	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.00385	0.00040	0.010				6982339
33'4-TriCB-(35)	ng/g	0.00419	0.00039	0.010				6982339
33'5-TriCB-(36)	ng/g	0.00365	0.00034	0.010				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.125	0.00050	0.010				6982339
345-TriCB-(38)	ng/g	0.00116	0.00038	0.010				6982339
34'5-TriCB-(39)	ng/g	0.00999	0.00035	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.815	0.00057	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.782	0.00067	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.208	0.00087	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	3.37	0.00054	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0614	0.00057	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.00791	0.00064	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.443	0.00057	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	2.26	0.00052	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0381	0.00054	0.020				6982339
22'55'-TetraCB-(52)	ng/g	5.03	0.00053	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.00018	0.00018	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.00079	0.00079	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.917	0.00081	0.010				6982339
233'5-TetraCB-(57)	ng/g	<0.0073 (1)	0.0073	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.00077	0.00077	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.239	0.00044	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.773	0.00077	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	5.90	0.00074	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.226	0.00072	0.010				6982339
234'6-TetraCB-(64)	ng/g	1.60	0.00048	0.010				6982339
23'44'-TetraCB-(66)	ng/g	2.90	0.00072	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0492	0.00066	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0273	0.00072	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0409	0.00064	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00039	0.00039	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.274	0.00081	0.010	0.000100	0.0000274		6982339
33'45-TetraCB-(78)	ng/g	<0.00078	0.00078	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0481	0.00067	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.00066	0.00066	0.010				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.0107	0.00077	0.010	0.000300	0.00000321		6982339
22'33'4-PentaCB-(82)	ng/g	0.366	0.00069	0.010				6982339
PentaCB-(83)+(99)	ng/g	5.49	0.00061	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.775	0.00067	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	1.29	0.00049	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.53	0.00052	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.761	0.00059	0.020				6982339
22'346'-PentaCB-(89)	ng/g	0.00348	0.00064	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	8.25	0.00052	0.030				6982339
22'355'-PentaCB-(92)	ng/g	1.52	0.00061	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0929	0.00059	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0142	0.00061	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	2.80	0.00057	0.010				6982339
22'366'-PentaCB-(96)	ng/g	0.00177	0.00037	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0471	0.00052	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.00033	0.00033	0.010				6982339
233'44'-PentaCB-(105)	ng/g	3.06	0.00037	0.010	0.0000300	0.0000918		6982339
233'45-PentaCB-(106)	ng/g	<0.00031	0.00031	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.604	0.00029	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.246	0.00033	0.020				6982339
PentaCB-(110)+(115)	ng/g	8.75	0.00055	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.00655	0.00046	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.00044	0.00044	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.181	0.00037	0.010	0.0000300	0.00000543		6982339
23'44'5-PentaCB-(118)	ng/g	8.41	0.00037	0.010	0.0000300	0.000252		6982339
23'455'-PentaCB-(120)	ng/g	0.00477	0.00047	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.00073 (1)	0.00073	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0726	0.00037	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.134	0.00039	0.010	0.0000300	0.00000402		6982339
33'44'5-PentaCB-(126)	ng/g	0.0153	0.00035	0.010	0.100	0.00153		6982339
33'455'-PentaCB-(127)	ng/g	<0.0045	0.0045	0.010				6982339
HexaCB-(128)+(166)	ng/g	1.17	0.00048	0.020				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	8.83	0.00053	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.471	0.00062	0.010				6982339
22'33'46-HexaCB-(131)	ng/g	0.0586	0.00063	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	1.12	0.00056	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.131	0.00055	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.259	0.00059	0.020				6982339
HexaCB-(135)+(151)	ng/g	1.68	0.0011	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.210	0.00079	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.353	0.00052	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0766	0.00049	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.699	0.00054	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.00056	0.00056	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.178	0.0011	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.00082	0.00082	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	1.18	0.00047	0.010				6982339
HexaCB-(147)+(149)	ng/g	4.18	0.00049	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0067	0.0011	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	0.00579	0.00080	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	0.00202	0.00077	0.010				6982339
HexaCB-(153)+(168)	ng/g	6.55	0.00044	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0737	0.00093	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0200	0.00063	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.806	0.00057	0.020	0.0000300	0.0000242		6982339
233'44'6-HexaCB-(158)	ng/g	0.660	0.00040	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.0106	0.00049	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.00046	0.00046	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.00043	0.00043	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0348	0.00046	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.324	0.00045	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	0.00411	0.00045	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.308	0.00054	0.010	0.0000300	0.00000924		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0018 (1)	0.0018	0.010	0.0300	0.0000540		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.445	0.0014	0.10				6982339
HeptaCB-(171)+(173)	ng/g	0.222	0.0016	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.101	0.0017	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.372	0.0015	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0284	0.0054	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0566	0.0038	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.507	0.0016	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.241	0.0057	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.297	0.0037	0.10				6982339
HeptaCB-(180)+(193)	ng/g	1.51	0.0014	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	0.0074	0.0015	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0059 (1)	0.0059	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.538	0.0014	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0230	0.0035	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0039	0.0039	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.39	0.0050	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.10				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0326	0.0014	0.10	0.0000300	0.000000978		6982339
233'44'56-HeptaCB-(190)	ng/g	0.152	0.0015	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0354	0.0013	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.142	0.0012	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0474	0.0011	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0769	0.0025	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0138	0.0015	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.138	0.0023	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	0.0131	0.0014	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0327	0.0014	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0769	0.0015	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.107	0.0022	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0014	0.0014	0.10				6982339

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	0.0084	0.0010	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0232	0.0024	0.10				6982339
22'33'44'566'-NonaCB-(207)	ng/g	0.0033	0.0019	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	0.0067	0.0025	0.10				6982339
DecaCB-(209)	ng/g	<0.0044	0.0044	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00200		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	125						6982339
C13-22'33'44'5-HeptaCB-(170)	%	117						6982339
C13-22'33'455'66'-NonaCB-(208)	%	109						6982339
C13-22'33'55'66'-OctaCB-(202)	%	110						6982339
C13-22'33'55'6-HeptaCB-(178)	%	92						6982339
C13-22'344'55'-HeptaCB-(180)	%	111						6982339
C13-22'34'566'-HeptaCB-(188)	%	102						6982339
C13-22'44'66'-HexaCB-(155)	%	85						6982339
C13-22'466'-PentaCB-(104)	%	81						6982339
C13-22'66'-TetraCB-(54)	%	78						6982339
C13-22'6-TriCB-(19)	%	93						6982339
C13-22'-DiCB-(4)	%	91						6982339
C13-233'44'55'6-OctaCB-(205)	%	100						6982339
C13-233'44'55'-HeptaCB-(189)	%	113						6982339
C13-233'44'-PentaCB-(105)	%	85						6982339
C13-233'55'-PentaCB-(111)	%	88						6982339
C13-23'44'55'-HexaCB-(167)	%	85						6982339
C13-2344'5-PentaCB-(114)	%	82						6982339
C13-23'44'5-PentaCB-(118)	%	85						6982339
C13-2'344'5-PentaCB-(123)	%	86						6982339
C13-2-MonoCB-(1)	%	78						6982339
C13-33'44'55'-HexaCB-(169)	%	69						6982339
C13-33'44'5-PentaCB-(126)	%	86						6982339
C13-33'44'-TetraCB-(77)	%	95						6982339
C13-344'5-TetraCB-(81)	%	95						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ235						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	90						6982339
C13-44'-DiCB-(15)	%	95						6982339
C13-4-MonoCB-(3)	%	82						6982339
C13-DecaCB-(209)	%	124						6982339
C13-HexaCB-(156)+(157)	%	79						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00028	0.00028	0.010				6982339
3-MonoCB-(2)	ng/g	<0.00026	0.00026	0.010				6982339
4-MonoCB-(3)	ng/g	<0.00027	0.00027	0.010				6982339
22'-DiCB-(4)	ng/g	0.00441	0.00030	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.00028	0.00028	0.010				6982339
2,3'-DiCB-(6)	ng/g	0.00221	0.00027	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.00028	0.00028	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.00616	0.00027	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.00027	0.00027	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.00026	0.00026	0.010				6982339
3,3'-DiCB-(11)	ng/g	<0.0021 (1)	0.0021	0.010				6982339
DiCB-(12)+(13)	ng/g	<0.00048 (1)	0.00048	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00027	0.00027	0.010				6982339
4,4'-DiCB-(15)	ng/g	<0.00040 (1)	0.00040	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0121	0.00044	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0162	0.00042	0.010				6982339
TriCB-(18)+(30)	ng/g	0.0549	0.00035	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00040	0.00040	0.010				6982339
TriCB-(20) + (28)	ng/g	0.157	0.00038	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0127	0.00040	0.020				6982339
234'-TriCB-(22)	ng/g	0.0248	0.00041	0.010				6982339
235-TriCB-(23)	ng/g	<0.00039	0.00039	0.010				6982339
236-TriCB-(24)	ng/g	<0.00036	0.00036	0.010				6982339
23'4-TriCB-(25)	ng/g	0.00818	0.00040	0.010				6982339
TriCB-(26)+(29)	ng/g	0.0233	0.00038	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00448	0.00030	0.010				6982339
24'5-TriCB-(31)	ng/g	0.142	0.00038	0.010				6982339
24'6-TriCB-(32)	ng/g	0.00663	0.00029	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.00054	0.00042	0.010				6982339
33'4-TriCB-(35)	ng/g	<0.00041	0.00041	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.00035	0.00035	0.010				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0104	0.00053	0.010				6982339
345-TriCB-(38)	ng/g	<0.00040	0.00040	0.010				6982339
34'5-TriCB-(39)	ng/g	0.00166	0.00037	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.0710	0.00058	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.0846	0.00069	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0179	0.00089	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.545	0.00055	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.00784	0.00059	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.00089	0.00066	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0279	0.00058	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.335	0.00053	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.00557	0.00056	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.10	0.00055	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.00032	0.00032	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.00068	0.00068	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.104	0.00070	0.010				6982339
233'5-TetraCB-(57)	ng/g	0.00252	0.00065	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.00066	0.00066	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0345	0.00045	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.115	0.00066	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.13	0.00064	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0394	0.00062	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.189	0.00049	0.010				6982339
23'44'-TetraCB-(66)	ng/g	0.558	0.00062	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.00566	0.00056	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0157	0.00061	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0146	0.00055	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00040	0.00040	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.0435	0.00069	0.010	0.000100	0.00000435		6982339
33'45-TetraCB-(78)	ng/g	<0.00067	0.00067	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0129	0.00057	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.00057	0.00057	0.010				6982339
344'5-TetraCB-(81)	ng/g	0.00129	0.00066	0.010	0.000300	0.000000387		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0731	0.00095	0.010				6982339
PentaCB-(83)+(99)	ng/g	1.91	0.00084	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.144	0.00091	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.414	0.00067	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.876	0.00072	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.139	0.00081	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.00087	0.00087	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	2.61	0.00072	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.537	0.00084	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0168	0.00080	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.00149	0.00084	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	0.937	0.00078	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.00024	0.00024	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0104	0.00072	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.00021	0.00021	0.010				6982339
233'44'-PentaCB-(105)	ng/g	1.05	0.00021	0.010	0.0000300	0.0000315		6982339
233'45-PentaCB-(106)	ng/g	<0.00018	0.00018	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.221	0.00017	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.0816	0.00019	0.020				6982339
PentaCB-(110)+(115)	ng/g	2.37	0.00075	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.00468	0.00063	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.00060	0.00060	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.0608	0.00021	0.010	0.0000300	0.00000182		6982339
23'44'5-PentaCB-(118)	ng/g	3.24	0.00022	0.010	0.0000300	0.0000972		6982339
23'455'-PentaCB-(120)	ng/g	<0.0038 (1)	0.0038	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	0.00132	0.00062	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0178	0.00021	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0577	0.00023	0.010	0.0000300	0.00000173		6982339
33'44'5-PentaCB-(126)	ng/g	0.00801	0.00020	0.010	0.100	0.000801		6982339
33'455'-PentaCB-(127)	ng/g	<0.0037 (1)	0.0037	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.508	0.00066	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	4.62	0.00073	0.030				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.194	0.00086	0.010				6982339
22'33'46-HexaCB-(131)	ng/g	0.0159	0.00087	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	0.334	0.00078	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0781	0.00076	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.0985	0.00082	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.782	0.0011	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0744	0.00082	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.160	0.00072	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0324	0.00067	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.230	0.00075	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.00077	0.00077	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0661	0.0011	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.00085	0.00085	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	0.649	0.00065	0.010				6982339
HexaCB-(147)+(149)	ng/g	1.58	0.00067	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0043	0.0011	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	0.00213	0.00083	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.00080	0.00080	0.010				6982339
HexaCB-(153)+(168)	ng/g	4.01	0.00060	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0362	0.00096	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.00788	0.00065	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.376	0.00077	0.020	0.0000300	0.0000113		6982339
233'44'6-HexaCB-(158)	ng/g	0.297	0.00055	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.00414	0.00066	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.00063	0.00063	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.00060	0.00060	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0193	0.00062	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.110	0.00062	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	0.00424	0.00062	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.163	0.00072	0.010	0.0000300	0.00000489		6982339
33'44'55'-HexaCB-(169)	ng/g	0.00368	0.00076	0.010	0.0300	0.000110		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.202	0.0017	0.10				6982339
HeptaCB-(171)+(173)	ng/g	0.100	0.0019	0.20				6982339

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0433	0.0021	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.107	0.0017	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0152	0.0034	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0223	0.0023	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.217	0.0019	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.156	0.0035	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.132	0.0022	0.10				6982339
HeptaCB-(180)+(193)	ng/g	0.751	0.0017	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0027 (1)	0.0027	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.276	0.0017	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0083	0.0021	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.828	0.0031	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.10				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0160	0.0012	0.10	0.0000300	0.000000480		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0683	0.0019	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0137	0.0016	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.0660	0.0018	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0218	0.0018	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0340	0.0040	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0057	0.0022	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.0671	0.0037	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	0.0050	0.0025	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0165	0.0022	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0498	0.0024	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.0592	0.0036	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.10				6982339
233'44'55'6-OctaCB-(205)	ng/g	0.0043	0.0017	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0121	0.0023	0.10				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.0035	0.0019	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	0.0049	0.0024	0.10				6982339
DecaCB-(209)	ng/g	<0.0053	0.0053	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00106		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	130						6982339
C13-22'33'44'5-HeptaCB-(170)	%	104						6982339
C13-22'33'455'66'-NonaCB-(208)	%	110						6982339
C13-22'33'55'66'-OctaCB-(202)	%	103						6982339
C13-22'33'55'6-HeptaCB-(178)	%	95						6982339
C13-22'344'55'-HeptaCB-(180)	%	95						6982339
C13-22'34'566'-HeptaCB-(188)	%	102						6982339
C13-22'44'66'-HexaCB-(155)	%	91						6982339
C13-22'466'-PentaCB-(104)	%	83						6982339
C13-22'66'-TetraCB-(54)	%	79						6982339
C13-22'6-TriCB-(19)	%	95						6982339
C13-22'-DiCB-(4)	%	89						6982339
C13-233'44'55'6-OctaCB-(205)	%	109						6982339
C13-233'44'55'-HeptaCB-(189)	%	102						6982339
C13-233'44'-PentaCB-(105)	%	86						6982339
C13-233'55'-PentaCB-(111)	%	89						6982339
C13-23'44'55'-HexaCB-(167)	%	83						6982339
C13-2344'5-PentaCB-(114)	%	84						6982339
C13-23'44'5-PentaCB-(118)	%	86						6982339
C13-2'344'5-PentaCB-(123)	%	86						6982339
C13-2-MonoCB-(1)	%	76						6982339
C13-33'44'55'-HexaCB-(169)	%	70						6982339
C13-33'44'5-PentaCB-(126)	%	88						6982339
C13-33'44'-TetraCB-(77)	%	96						6982339
C13-344'5-TetraCB-(81)	%	93						6982339
C13-344'-TriCB-(37)	%	89						6982339
C13-44'-DiCB-(15)	%	97						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ257						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	81						6982339
C13-DecaCB-(209)	%	124						6982339
C13-HexaCB-(156)+(157)	%	81						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00083 (1)	0.00083	0.0099				6982339
3-MonoCB-(2)	ng/g	0.00061	0.00035	0.0099				6982339
4-MonoCB-(3)	ng/g	<0.00047 (1)	0.00047	0.0099				6982339
22'-DiCB-(4)	ng/g	0.00515	0.00027	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00026	0.00026	0.0099				6982339
2,3'-DiCB-(6)	ng/g	0.00412	0.00025	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00025	0.00025	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.0158	0.00024	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00024	0.00024	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.00023	0.00023	0.0099				6982339
3,3'-DiCB-(11)	ng/g	<0.0029 (1)	0.0029	0.0099				6982339
DiCB-(12)+(13)	ng/g	<0.00085 (1)	0.00085	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00025	0.00025	0.0099				6982339
4,4'-DiCB-(15)	ng/g	<0.0057 (1)	0.0057	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0142	0.00060	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0189	0.00041	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.0407	0.00035	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00043	0.00043	0.0099				6982339
TriCB-(20) + (28)	ng/g	0.156	0.00031	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0282	0.00034	0.020				6982339
234'-TriCB-(22)	ng/g	0.0261	0.00034	0.0099				6982339
235-TriCB-(23)	ng/g	<0.00036	0.00036	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00028	0.00028	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.00789	0.00031	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.0215	0.00033	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00356	0.00031	0.0099				6982339
24'5-TriCB-(31)	ng/g	0.114	0.00032	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.00977	0.00029	0.0099				6982339
23'5'-TriCB-(34)	ng/g	0.00111	0.00033	0.0099				6982339
33'4-TriCB-(35)	ng/g	<0.00060 (1)	0.00060	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.00030	0.00030	0.0099				6982339

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0161	0.00047	0.0099				6982339
345-TriCB-(38)	ng/g	<0.00034	0.00034	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.00135	0.00032	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.0712	0.00061	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.0841	0.00073	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0168	0.00082	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.519	0.00057	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.00417	0.00060	0.020				6982339
22'36'-TetraCB-(46)	ng/g	<0.00068	0.00068	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.0411	0.00059	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.412	0.00055	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.00326	0.00058	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.49	0.00065	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.00032	0.00032	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.00072	0.00072	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.124	0.00080	0.0099				6982339
233'5-TetraCB-(57)	ng/g	<0.0015 (1)	0.0015	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.00071	0.00071	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0345	0.00046	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.120	0.00073	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.00	0.00069	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0412	0.00067	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.202	0.00049	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	0.571	0.00068	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.00629	0.00062	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0101	0.00062	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0136	0.00066	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00042	0.00042	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.0454	0.00080	0.0099	0.000100	0.00000454		6982339
33'45-TetraCB-(78)	ng/g	<0.00076	0.00076	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0150	0.00065	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.00262	0.00077	0.0099	0.000300	0.000000786		6982339
22'33'4-PentaCB-(82)	ng/g	0.0760	0.00081	0.0099				6982339
PentaCB-(83)+(99)	ng/g	2.37	0.00074	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.115	0.00074	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.523	0.00061	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.969	0.00062	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.185	0.00067	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.00075	0.00075	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	3.16	0.00061	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.590	0.00072	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0184	0.00067	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.00135	0.00071	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	0.848	0.00065	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	<0.00020	0.00020	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0130	0.00060	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	1.24	0.00044	0.0099	0.0000300	0.0000372		6982339
233'45-PentaCB-(106)	ng/g	<0.00038	0.00038	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.249	0.00038	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.0731	0.00040	0.020				6982339
PentaCB-(110)+(115)	ng/g	2.32	0.00061	0.020				6982339
233'55'-PentaCB-(111)	ng/g	<0.0028 (1)	0.0028	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.00050	0.00050	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.0682	0.00044	0.0099	0.0000300	0.00000205		6982339
23'44'5-PentaCB-(118)	ng/g	3.41	0.00044	0.0099	0.0000300	0.000102		6982339
23'455'-PentaCB-(120)	ng/g	0.00504	0.00059	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	0.00111	0.00053	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0279	0.00046	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0503	0.00047	0.0099	0.0000300	0.00000151		6982339
33'44'5-PentaCB-(126)	ng/g	0.00449	0.00042	0.0099	0.100	0.000449		6982339
33'455'-PentaCB-(127)	ng/g	<0.0024 (1)	0.0024	0.0099				6982339
HexaCB-(128)+(166)	ng/g	0.618	0.00058	0.020				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	5.19	0.00067	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.269	0.00079	0.0099				6982339
22'33'46-HexaCB-(131)	ng/g	0.0145	0.00074	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	0.400	0.00067	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0761	0.00064	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.0741	0.00067	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.690	0.0011	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0500	0.00075	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.160	0.00078	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0433	0.00060	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.279	0.00059	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.00064	0.00064	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.0550	0.0010	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.00077	0.00077	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	0.807	0.00063	0.0099				6982339
HexaCB-(147)+(149)	ng/g	1.52	0.00056	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0029	0.0010	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	0.00109	0.00076	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.00070	0.00070	0.0099				6982339
HexaCB-(153)+(168)	ng/g	4.05	0.00054	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0324	0.00089	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.00426	0.00069	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.433	0.00051	0.020	0.0000300	0.0000130		6982339
233'44'6-HexaCB-(158)	ng/g	0.302	0.00047	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.00677	0.00042	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.00053	0.00053	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.00046	0.00046	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0125	0.00037	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.122	0.00047	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	0.00223	0.00054	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.161	0.00048	0.0099	0.0000300	0.00000483		6982339
33'44'55'-HexaCB-(169)	ng/g	0.00293	0.00050	0.0099	0.0300	0.0000879		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.288	0.00064	0.0099				6982339

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.102	0.00071	0.020				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.0721	0.00083	0.0099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.127	0.00065	0.0099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0156	0.00045	0.0099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0139	0.00034	0.0099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.284	0.00074	0.0099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.156	0.00047	0.0099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.0902	0.00032	0.0099				6982339
HeptaCB-(180)+(193)	ng/g	0.907	0.00066	0.020				6982339
22'344'56-HeptaCB-(181)	ng/g	0.00475	0.00077	0.0099				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.00047	0.00047	0.0099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.320	0.00073	0.0099				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.00411	0.00031	0.0099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.00071	0.00071	0.0099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.00034	0.00034	0.0099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.938	0.00045	0.0099				6982339
22'34'566'-HeptaCB-(188)	ng/g	0.00117	0.00040	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0170	0.00052	0.0099	0.0000300	0.000000510		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0804	0.00071	0.0099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0200	0.00063	0.0099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.00065	0.00065	0.0099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.0921	0.00080	0.0099				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0325	0.00082	0.0099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0480	0.0014	0.0099				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0081	0.0011	0.0099				6982339
OctaCB-(198)+(199)	ng/g	0.100	0.0012	0.020				6982339
22'33'4566'-OctaCB-(200)	ng/g	0.00330	0.00066	0.0099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0131	0.00087	0.0099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0434	0.00084	0.0099				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.0616	0.0010	0.0099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.00091	0.00091	0.0099				6982339
233'44'55'6-OctaCB-(205)	ng/g	0.00497	0.00072	0.0099				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0168	0.00061	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.00181	0.00053	0.0099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	0.00429	0.00063	0.0099				6982339
DecaCB-(209)	ng/g	0.00372	0.00056	0.0099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000703		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	93						6982339
C13-22'33'44'5-HeptaCB-(170)	%	126						6982339
C13-22'33'455'66'-NonaCB-(208)	%	112						6982339
C13-22'33'55'66'-OctaCB-(202)	%	129						6982339
C13-22'33'55'6-HeptaCB-(178)	%	91						6982339
C13-22'344'55'-HeptaCB-(180)	%	131						6982339
C13-22'34'566'-HeptaCB-(188)	%	85						6982339
C13-22'44'66'-HexaCB-(155)	%	86						6982339
C13-22'466'-PentaCB-(104)	%	74						6982339
C13-22'66'-TetraCB-(54)	%	71						6982339
C13-22'6-TriCB-(19)	%	86						6982339
C13-22'-DiCB-(4)	%	78						6982339
C13-233'44'55'6-OctaCB-(205)	%	94						6982339
C13-233'44'55'-HeptaCB-(189)	%	108						6982339
C13-233'44'-PentaCB-(105)	%	86						6982339
C13-233'55'-PentaCB-(111)	%	89						6982339
C13-23'44'55'-HexaCB-(167)	%	83						6982339
C13-2344'5-PentaCB-(114)	%	82						6982339
C13-23'44'5-PentaCB-(118)	%	87						6982339
C13-2'344'5-PentaCB-(123)	%	86						6982339
C13-2-MonoCB-(1)	%	70						6982339
C13-33'44'55'-HexaCB-(169)	%	73						6982339
C13-33'44'5-PentaCB-(126)	%	86						6982339
C13-33'44'-TetraCB-(77)	%	93						6982339
C13-344'5-TetraCB-(81)	%	96						6982339
C13-344'-TriCB-(37)	%	89						6982339
C13-44'-DiCB-(15)	%	92						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	78						6982339
C13-DecaCB-(209)	%	97						6982339
C13-HexaCB-(156)+(157)	%	79						6982339

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RDL = Reportable Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00072	0.00056	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00052	0.00052	0.0099				6982339
4-MonoCB-(3)	ng/g	0.00076	0.00054	0.0099				6982339
22'-DiCB-(4)	ng/g	<0.0072 (1)	0.0072	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00089	0.00089	0.0099				6982339
2,3'-DiCB-(6)	ng/g	<0.0036 (1)	0.0036	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00086	0.00086	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.0133	0.00084	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00083	0.00083	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.0099				6982339
3,3'-DiCB-(11)	ng/g	0.00343	0.00089	0.0099				6982339
DiCB-(12)+(13)	ng/g	<0.00098 (1)	0.00098	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00086	0.00086	0.0099				6982339
4,4'-DiCB-(15)	ng/g	<0.0086 (1)	0.0086	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0213	0.0015	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0170	0.0010	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.0667	0.00087	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099				6982339
TriCB-(20) + (28)	ng/g	0.243	0.00081	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0304	0.00087	0.020				6982339
234'-TriCB-(22)	ng/g	0.0381	0.00088	0.0099				6982339
235-TriCB-(23)	ng/g	<0.00092	0.00092	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00070	0.00070	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0125	0.00082	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.0351	0.00085	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00638	0.00077	0.0099				6982339
24'5-TriCB-(31)	ng/g	0.212	0.00083	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.0116	0.00072	0.0099				6982339
23'5'-TriCB-(34)	ng/g	0.00106	0.00085	0.0099				6982339
33'4-TriCB-(35)	ng/g	<0.00095	0.00095	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.0099				6982339

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.023 (1)	0.023	0.0099				6982339
345-TriCB-(38)	ng/g	<0.00087	0.00087	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.00238	0.00082	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.138	0.0019	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.127	0.0023	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0235	0.0026	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.673	0.0018	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0111	0.0019	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0024	0.0021	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.0503	0.0019	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.396	0.0017	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0111	0.0018	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.50	0.0020	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.155	0.0027	0.0099				6982339
233'5-TetraCB-(57)	ng/g	<0.0023	0.0023	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0433	0.0015	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.162	0.0024	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.51	0.0023	0.039				6982339
234'5-TetraCB-(63)	ng/g	0.0497	0.0022	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.227	0.0016	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	0.807	0.0023	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.0102	0.0021	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0175	0.0021	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0178	0.0022	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.0691	0.0027	0.0099	0.000100	0.00000691		6982339
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0241	0.0022	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0099				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.0099	0.000300	0.000000780		6982339
22'33'4-PentaCB-(82)	ng/g	0.122	0.0014	0.0099				6982339
PentaCB-(83)+(99)	ng/g	2.34	0.0013	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.227	0.0013	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.509	0.0011	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.21	0.0011	0.059				6982339
PentaCB-(88)+(91)	ng/g	0.182	0.0012	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	3.25	0.0011	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.642	0.0013	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0320	0.0012	0.039				6982339
22'356'-PentaCB-(94)	ng/g	0.0045	0.0013	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	1.24	0.0012	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	<0.00087	0.00087	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0156	0.0011	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.00088	0.00088	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	1.34	0.0015	0.0099	0.0000300	0.0000402		6982339
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.311	0.0013	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.109	0.0014	0.020				6982339
PentaCB-(110)+(115)	ng/g	2.88	0.0011	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.00478	0.00098	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.00089	0.00089	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.0756	0.0015	0.0099	0.0000300	0.00000227		6982339
23'44'5-PentaCB-(118)	ng/g	3.88	0.0015	0.0099	0.0000300	0.000116		6982339
23'455'-PentaCB-(120)	ng/g	0.0082	0.0011	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.00094	0.00094	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0312	0.0016	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0529	0.0016	0.0099	0.0000300	0.00000159		6982339
33'44'5-PentaCB-(126)	ng/g	0.0104	0.0015	0.0099	0.100	0.00104		6982339
33'455'-PentaCB-(127)	ng/g	0.0059	0.0015	0.0099				6982339
HexaCB-(128)+(166)	ng/g	0.669	0.0027	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	5.79	0.0032	0.030				6982339

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.308	0.0037	0.0099				6982339
22'33'46-HexaCB-(131)	ng/g	0.0257	0.0035	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	0.474	0.0032	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0802	0.0031	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.131	0.0032	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.965	0.0036	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.106	0.0025	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.182	0.0037	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0506	0.0029	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.172	0.0028	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.0904	0.0034	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	0.862	0.0030	0.0099				6982339
HexaCB-(147)+(149)	ng/g	2.12	0.0027	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0051	0.0034	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099				6982339
HexaCB-(153)+(168)	ng/g	4.74	0.0026	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0344	0.0030	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0090	0.0023	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.480	0.0019	0.020	0.0000300	0.0000144		6982339
233'44'6-HexaCB-(158)	ng/g	0.361	0.0022	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.0064	0.0016	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0175	0.0014	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.126	0.0022	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	0.0036	0.0026	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.204	0.0018	0.0099	0.0000300	0.00000612		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.222 (1)	0.0079	0.099				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.155 (1)	0.0083	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.0449 (1)	0.0088	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.131 (1)	0.0072	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.027 (1)	0.021	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.041 (1)	0.014	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.366 (1)	0.0081	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.207 (1)	0.022	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.218 (1)	0.014	0.099				6982339
HeptaCB-(180)+(193)	ng/g	0.999 (1)	0.0078	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0079 (1)	0.0079	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.020 (1)	0.020	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.360 (1)	0.0061	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.015 (1)	0.013	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0079 (1)	0.0079	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.015 (1)	0.015	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.13 (1)	0.019	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	0.0022	0.0017	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.022 (1)	0.012	0.099	0.0000300	0.000000660		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0835 (1)	0.0085	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0285 (1)	0.0068	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0071 (1)	0.0071	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.072 (1)	0.018	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.021 (1)	0.017	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.034 (1)	0.032	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	<0.016 (1)	0.016	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.075 (1)	0.029	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.020 (1)	0.020	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.024 (1)	0.017	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.065 (1)	0.019	0.099				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.057 (1)	0.029	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.018 (1)	0.018	0.099				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.018 (1)	0.018	0.099				6982339

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QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013 (1)	0.013	0.099				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.011 (1)	0.011	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.014 (1)	0.014	0.099				6982339
DecaCB-(209)	ng/g	<0.033 (1)	0.033	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00129		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	118 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	98 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	108 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	92 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	91						6982339
C13-22'344'55'-HeptaCB-(180)	%	82 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	90						6982339
C13-22'44'66'-HexaCB-(155)	%	93						6982339
C13-22'466'-PentaCB-(104)	%	80						6982339
C13-22'66'-TetraCB-(54)	%	77						6982339
C13-22'6-TriCB-(19)	%	90						6982339
C13-22'-DiCB-(4)	%	84						6982339
C13-233'44'55'6-OctaCB-(205)	%	101 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	91 (1)						6982339
C13-233'44'-PentaCB-(105)	%	90						6982339
C13-233'55'-PentaCB-(111)	%	89						6982339
C13-23'44'55'-HexaCB-(167)	%	88						6982339
C13-2344'5-PentaCB-(114)	%	90						6982339
C13-23'44'5-PentaCB-(118)	%	93						6982339
C13-2'344'5-PentaCB-(123)	%	91						6982339
C13-2-MonoCB-(1)	%	78						6982339
C13-33'44'55'-HexaCB-(169)	%	71						6982339
C13-33'44'5-PentaCB-(126)	%	88						6982339
C13-33'44'-TetraCB-(77)	%	101						6982339
C13-344'5-TetraCB-(81)	%	101						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ262						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	96						6982339
C13-44'-DiCB-(15)	%	96						6982339
C13-4-MonoCB-(3)	%	85						6982339
C13-DecaCB-(209)	%	106 (1)						6982339
C13-HexaCB-(156)+(157)	%	82						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00068	0.00052	0.010				6982339
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.010				6982339
4-MonoCB-(3)	ng/g	0.00066	0.00051	0.010				6982339
22'-DiCB-(4)	ng/g	0.0045	0.0014	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.00068	0.00068	0.010				6982339
2,3'-DiCB-(6)	ng/g	<0.0044 (1)	0.0044	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.00065	0.00065	0.010				6982339
2,4'-DiCB-(8)	ng/g	<0.012 (1)	0.012	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.00064	0.00064	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.010				6982339
3,3'-DiCB-(11)	ng/g	0.00420	0.00068	0.010				6982339
DiCB-(12)+(13)	ng/g	0.00118	0.00066	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00065	0.00065	0.010				6982339
4,4'-DiCB-(15)	ng/g	0.00967	0.00096	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0161	0.0012	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0179	0.00082	0.010				6982339
TriCB-(18)+(30)	ng/g	0.0710	0.00070	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00086	0.00086	0.010				6982339
TriCB-(20) + (28)	ng/g	0.270	0.00090	0.020				6982339
TriCB-(21)+(33)	ng/g	<0.026 (1)	0.026	0.020				6982339
234'-TriCB-(22)	ng/g	<0.041 (1)	0.041	0.010				6982339
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010				6982339
236-TriCB-(24)	ng/g	<0.00056	0.00056	0.010				6982339
23'4-TriCB-(25)	ng/g	0.0132	0.00091	0.010				6982339
TriCB-(26)+(29)	ng/g	0.0388	0.00094	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00651	0.00062	0.010				6982339
24'5-TriCB-(31)	ng/g	<0.20 (1)	0.20	0.010				6982339
24'6-TriCB-(32)	ng/g	0.00882	0.00058	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.00153	0.00095	0.010				6982339
33'4-TriCB-(35)	ng/g	0.0015	0.0011	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.00086	0.00086	0.010				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0226	0.0014	0.010				6982339
345-TriCB-(38)	ng/g	<0.00097	0.00097	0.010				6982339
34'5-TriCB-(39)	ng/g	0.00281	0.00092	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.111	0.00073	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.156	0.00087	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0337	0.00097	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.780	0.00067	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.00830	0.00071	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.00160	0.00081	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0524	0.00070	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.553	0.00065	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0104	0.00068	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.80	0.00077	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.00098	0.00098	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.216	0.0024	0.010				6982339
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0425	0.00055	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.166	0.0022	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.69	0.0021	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0613	0.0020	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.300	0.00059	0.010				6982339
23'44'-TetraCB-(66)	ng/g	0.821	0.0021	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0103	0.0019	0.010				6982339
23'45'-TetraCB-(68)	ng/g	<0.014 (1)	0.014	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0203	0.0020	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00049	0.00049	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.0686	0.0024	0.010	0.000100	0.00000686		6982339
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0277	0.0020	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010				6982339

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690		6982339
22'33'4-PentaCB-(82)	ng/g	0.104	0.0025	0.010				6982339
PentaCB-(83)+(99)	ng/g	2.43	0.0023	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.231	0.0023	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.486	0.0019	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.29	0.0019	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.239	0.0020	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	3.63	0.0018	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.665	0.0022	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0252	0.0020	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0044	0.0021	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	1.08	0.0020	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.00078	0.00078	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0175	0.0018	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.00079	0.00079	0.010				6982339
233'44'-PentaCB-(105)	ng/g	1.40	0.0018	0.010	0.0000300	0.0000420		6982339
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.342	0.0015	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.118	0.0016	0.020				6982339
PentaCB-(110)+(115)	ng/g	3.23	0.0018	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0043	0.0017	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.0758	0.0018	0.010	0.0000300	0.00000227		6982339
23'44'5-PentaCB-(118)	ng/g	4.06	0.0018	0.010	0.0000300	0.000122		6982339
23'455'-PentaCB-(120)	ng/g	0.0030	0.0018	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0317	0.0018	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0563	0.0019	0.010	0.0000300	0.00000169		6982339
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.010	0.100	0.000170		6982339
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.675	0.0037	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	5.90	0.0043	0.030				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.279	0.0050	0.010				6982339
22'33'46-HexaCB-(131)	ng/g	0.0212	0.0047	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	0.517	0.0043	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0826	0.0041	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.0907	0.0043	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.907	0.0039	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0821	0.0027	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.232	0.0050	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0355	0.0039	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.294	0.0037	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0698	0.0037	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	0.895	0.0040	0.010				6982339
HexaCB-(147)+(149)	ng/g	1.80	0.0036	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	<0.0037	0.0037	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.010				6982339
HexaCB-(153)+(168)	ng/g	4.84	0.0034	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0383	0.0032	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0059	0.0025	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.485	0.0032	0.020	0.0000300	0.0000146		6982339
233'44'6-HexaCB-(158)	ng/g	0.341	0.0030	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.0085	0.0027	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0191	0.0024	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.178	0.0030	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0034	0.0034	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.201	0.0030	0.010	0.0000300	0.00000603		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.010	0.0300	0.0000960		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.271 (1)	0.016	0.10				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.119 (1)	0.017	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.061 (1)	0.018	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.170 (1)	0.015	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	<0.028 (1)	0.028	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.031 (1)	0.019	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.297 (1)	0.016	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.210 (1)	0.029	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.170 (1)	0.019	0.10				6982339
HeptaCB-(180)+(193)	ng/g	0.967 (1)	0.016	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.016 (1)	0.016	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.027 (1)	0.027	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.295 (1)	0.012	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.017 (1)	0.017	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.016 (1)	0.016	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.020 (1)	0.020	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.08 (1)	0.026	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.010				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.019 (1)	0.013	0.10	0.0000300	0.000000570		6982339
233'44'56-HeptaCB-(190)	ng/g	0.083 (1)	0.017	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.034 (1)	0.014	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.014 (1)	0.014	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	<0.083 (2)	0.083	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	<0.024 (1)	0.024	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	<0.044 (2)	0.044	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	<0.016 (1)	0.016	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.114 (1)	0.029	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.019 (1)	0.019	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.022 (1)	0.017	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.066 (1)	0.018	0.10				6982339

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QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	0.080 (1)	0.028	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.017 (1)	0.017	0.10				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.025 (1)	0.025	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	<0.022 (1)	0.022	0.10				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.018 (1)	0.018	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.023 (1)	0.023	0.10				6982339
DecaCB-(209)	ng/g	<0.052 (1)	0.052	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000463		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	111 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	114 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	113 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	114 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	93						6982339
C13-22'344'55'-HeptaCB-(180)	%	106 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	90						6982339
C13-22'44'66'-HexaCB-(155)	%	95						6982339
C13-22'466'-PentaCB-(104)	%	81						6982339
C13-22'66'-TetraCB-(54)	%	79						6982339
C13-22'6-TriCB-(19)	%	93						6982339
C13-22'-DiCB-(4)	%	86						6982339
C13-233'44'55'6-OctaCB-(205)	%	93 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	104 (1)						6982339
C13-233'44'-PentaCB-(105)	%	91						6982339
C13-233'55'-PentaCB-(111)	%	91						6982339
C13-23'44'55'-HexaCB-(167)	%	86						6982339
C13-2344'5-PentaCB-(114)	%	89						6982339
C13-23'44'5-PentaCB-(118)	%	92						6982339
C13-2'344'5-PentaCB-(123)	%	90						6982339
C13-2-MonoCB-(1)	%	82						6982339
C13-33'44'55'-HexaCB-(169)	%	57						6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ263						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	88						6982339
C13-33'44'-TetraCB-(77)	%	99						6982339
C13-344'5-TetraCB-(81)	%	101						6982339
C13-344'-TriCB-(37)	%	95						6982339
C13-44'-DiCB-(15)	%	97						6982339
C13-4-MonoCB-(3)	%	85						6982339
C13-DecaCB-(209)	%	122 (1)						6982339
C13-HexaCB-(156)+(157)	%	81						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069 (1)	0.00069	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00066 (1)	0.00066	0.0099				6982339
4-MonoCB-(3)	ng/g	0.00079	0.00060	0.0099				6982339
22'-DiCB-(4)	ng/g	0.0057	0.0015	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00072	0.00072	0.0099				6982339
2,3'-DiCB-(6)	ng/g	<0.0035 (1)	0.0035	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00070	0.00070	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.0122	0.00068	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00068	0.00068	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.0099				6982339
3,3'-DiCB-(11)	ng/g	<0.014 (1)	0.014	0.0099				6982339
DiCB-(12)+(13)	ng/g	<0.0013 (1)	0.0013	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0099				6982339
4,4'-DiCB-(15)	ng/g	0.0093	0.0010	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0216	0.0016	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0287	0.0011	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.0769	0.00091	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099				6982339
TriCB-(20) + (28)	ng/g	<0.29 (1)	0.29	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0378	0.0010	0.020				6982339
234'-TriCB-(22)	ng/g	0.0514	0.0011	0.0099				6982339
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00074	0.00074	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0166	0.00098	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.0439	0.0010	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00640	0.00081	0.0099				6982339
24'5-TriCB-(31)	ng/g	<0.24 (1)	0.24	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.0167	0.00075	0.0099				6982339
23'5'-TriCB-(34)	ng/g	<0.0013 (1)	0.0013	0.0099				6982339
33'4-TriCB-(35)	ng/g	0.0015	0.0011	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.00093	0.00093	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0295	0.0015	0.0099				6982339
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.00291	0.00099	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.161	0.0010	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.154	0.0012	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0282	0.0014	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.806	0.00096	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0171	0.0010	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0033	0.0012	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.0716	0.0010	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.564	0.00093	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0147	0.00098	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.77	0.0011	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.245	0.0032	0.0099				6982339
233'5-TetraCB-(57)	ng/g	<0.0028	0.0028	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0458	0.00079	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.215	0.0029	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.06	0.0027	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0685	0.0027	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.317	0.00084	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	1.05	0.0027	0.0099				6982339
23'45-TetraCB-(67)	ng/g	<0.011 (1)	0.011	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0158	0.0025	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0203	0.0026	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00071	0.00071	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.0803	0.0032	0.0099	0.000100	0.00000803		6982339
33'45-TetraCB-(78)	ng/g	<0.0030	0.0030	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0255	0.0026	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0099				6982339

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.0099	0.000300	0.000000930		6982339
22'33'4-PentaCB-(82)	ng/g	0.125	0.0022	0.0099				6982339
PentaCB-(83)+(99)	ng/g	2.96	0.0020	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.264	0.0020	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.443	0.0017	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.40	0.0017	0.059				6982339
PentaCB-(88)+(91)	ng/g	0.275	0.0018	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0025 (1)	0.0025	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	4.05	0.0017	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.682	0.0020	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0356	0.0018	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0047	0.0019	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	1.11	0.0018	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0194	0.0016	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	1.46	0.0017	0.0099	0.0000300	0.0000438		6982339
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.327	0.0015	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.116	0.0015	0.020				6982339
PentaCB-(110)+(115)	ng/g	3.63	0.0017	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0044	0.0015	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.0888	0.0017	0.0099	0.0000300	0.00000266		6982339
23'44'5-PentaCB-(118)	ng/g	4.31	0.0017	0.0099	0.0000300	0.000129		6982339
23'455'-PentaCB-(120)	ng/g	0.0045	0.0016	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0338	0.0018	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0438	0.0018	0.0099	0.0000300	0.00000131		6982339
33'44'5-PentaCB-(126)	ng/g	0.0039	0.0016	0.0099	0.100	0.000390		6982339
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0099				6982339
HexaCB-(128)+(166)	ng/g	0.631	0.0043	0.020				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	5.37	0.0049	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.246	0.0058	0.0099				6982339
22'33'46-HexaCB-(131)	ng/g	0.0238	0.0054	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	0.516	0.0050	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0815	0.0047	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.0840	0.0049	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.819	0.0023	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0840	0.0016	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.196	0.0058	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0356	0.0044	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.271	0.0043	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.0621	0.0022	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	0.828	0.0046	0.0099				6982339
HexaCB-(147)+(149)	ng/g	1.99	0.0041	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0034	0.0022	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0035	0.0017	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.0099				6982339
HexaCB-(153)+(168)	ng/g	4.25	0.0040	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0372	0.0019	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0074	0.0015	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.457	0.0033	0.020	0.0000300	0.0000137		6982339
233'44'6-HexaCB-(158)	ng/g	0.311	0.0035	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.0089	0.0028	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0153	0.0024	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.177	0.0035	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.172	0.0031	0.0099	0.0000300	0.00000516		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.0099	0.0300	0.0000990		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.229 (1)	0.014	0.099				6982339
HeptaCB-(171)+(173)	ng/g	0.102 (1)	0.015	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.051 (1)	0.016	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.176 (1)	0.013	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	<0.023 (1)	0.023	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.035 (1)	0.016	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.244 (1)	0.014	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.177 (1)	0.024	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.160 (1)	0.016	0.099				6982339
HeptaCB-(180)+(193)	ng/g	0.743 (1)	0.014	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.014 (1)	0.014	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.023 (1)	0.023	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.241 (1)	0.011	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.014 (1)	0.014	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.014 (1)	0.014	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.016 (1)	0.016	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.932 (1)	0.022	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.015 (1)	0.011	0.099	0.0000300	0.000000450		6982339
233'44'56-HeptaCB-(190)	ng/g	0.060 (1)	0.015	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	<0.012 (1)	0.012	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.013 (1)	0.013	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.064 (1)	0.028	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	<0.027 (1)	0.027	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.037 (1)	0.026	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	<0.013 (1)	0.013	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.083 (1)	0.024	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.016 (1)	0.016	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.019 (1)	0.014	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.054 (1)	0.015	0.099				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.053 (1)	0.024	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.015 (1)	0.015	0.099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.029 (1)	0.029	0.099				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	<0.027 (1)	0.027	0.099				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.022 (1)	0.022	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.029 (1)	0.029	0.099				6982339
DecaCB-(209)	ng/g	<0.049 (1)	0.049	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000694		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	113 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	102 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	107 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	113 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	99						6982339
C13-22'344'55'-HeptaCB-(180)	%	108 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	94						6982339
C13-22'44'66'-HexaCB-(155)	%	96						6982339
C13-22'466'-PentaCB-(104)	%	81						6982339
C13-22'66'-TetraCB-(54)	%	79						6982339
C13-22'6-TriCB-(19)	%	93						6982339
C13-22'-DiCB-(4)	%	88						6982339
C13-233'44'55'6-OctaCB-(205)	%	95 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	106 (1)						6982339
C13-233'44'-PentaCB-(105)	%	91						6982339
C13-233'55'-PentaCB-(111)	%	91						6982339
C13-23'44'55'-HexaCB-(167)	%	86						6982339
C13-2344'5-PentaCB-(114)	%	89						6982339
C13-23'44'5-PentaCB-(118)	%	91						6982339
C13-2'344'5-PentaCB-(123)	%	88						6982339
C13-2-MonoCB-(1)	%	79						6982339
C13-33'44'55'-HexaCB-(169)	%	72						6982339
C13-33'44'5-PentaCB-(126)	%	89						6982339
C13-33'44'-TetraCB-(77)	%	99						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ264						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	103						6982339
C13-344'-TriCB-(37)	%	99						6982339
C13-44'-DiCB-(15)	%	101						6982339
C13-4-MonoCB-(3)	%	87						6982339
C13-DecaCB-(209)	%	127 (1)						6982339
C13-HexaCB-(156)+(157)	%	84						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065 (1)	0.00065	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0099				6982339
4-MonoCB-(3)	ng/g	0.00060	0.00050	0.0099				6982339
22'-DiCB-(4)	ng/g	0.0039	0.0010	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00075	0.00075	0.0099				6982339
2,3'-DiCB-(6)	ng/g	<0.0019 (1)	0.0019	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00072	0.00072	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.00663	0.00071	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00071	0.00071	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.00090	0.00090	0.0099				6982339
3,3'-DiCB-(11)	ng/g	0.00413	0.00076	0.0099				6982339
DiCB-(12)+(13)	ng/g	<0.00073	0.00073	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00073	0.00073	0.0099				6982339
4,4'-DiCB-(15)	ng/g	<0.0040 (1)	0.0040	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0123	0.0012	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0106	0.00080	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.0408	0.00068	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00084	0.00084	0.0099				6982339
TriCB-(20) + (28)	ng/g	<0.14 (1)	0.14	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0173	0.0014	0.020				6982339
234'-TriCB-(22)	ng/g	0.0227	0.0014	0.0099				6982339
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00055	0.00055	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0065	0.0013	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.0187	0.0013	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00410	0.00061	0.0099				6982339
24'5-TriCB-(31)	ng/g	0.124	0.0013	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.00551	0.00056	0.0099				6982339
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099				6982339
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0099				6982339

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0129	0.0019	0.0099				6982339
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.0014	0.0013	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.0568	0.0014	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.0656	0.0017	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0146	0.0019	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.382	0.0013	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0058	0.0014	0.020				6982339
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.0216	0.0014	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.222	0.0013	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0052	0.0014	0.020				6982339
22'55'-TetraCB-(52)	ng/g	0.915	0.0015	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.0806	0.0022	0.0099				6982339
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0225	0.0011	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.109	0.0020	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.879	0.0019	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0326	0.0018	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.125	0.0012	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	0.485	0.0019	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.0059	0.0017	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0128	0.0017	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0104	0.0018	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00098	0.00098	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.0391	0.0022	0.0099	0.000100	0.00000391		6982339
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0144	0.0018	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0099				6982339
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0099	0.000300	0.000000630		6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0633	0.0023	0.0099				6982339
PentaCB-(83)+(99)	ng/g	1.51	0.0021	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.124	0.0021	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.301	0.0017	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.752	0.0017	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.108	0.0019	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	2.21	0.0017	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.432	0.0020	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0054	0.0019	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0028	0.0020	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	0.748	0.0018	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	<0.00094	0.00094	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0097	0.0017	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.00094	0.00094	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	0.917	0.0016	0.0099	0.0000300	0.0000275		6982339
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.212	0.0014	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.0687	0.0014	0.020				6982339
PentaCB-(110)+(115)	ng/g	1.89	0.0017	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0029	0.0015	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.0532	0.0016	0.0099	0.0000300	0.00000160		6982339
23'44'5-PentaCB-(118)	ng/g	2.66	0.0016	0.0099	0.0000300	0.0000798		6982339
23'455'-PentaCB-(120)	ng/g	0.0049	0.0017	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0172	0.0016	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0361	0.0017	0.0099	0.0000300	0.00000108		6982339
33'44'5-PentaCB-(126)	ng/g	0.0045	0.0015	0.0099	0.100	0.000450		6982339
33'455'-PentaCB-(127)	ng/g	0.0038	0.0016	0.0099				6982339
HexaCB-(128)+(166)	ng/g	0.462	0.0032	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	4.06	0.0037	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.195	0.0043	0.0099				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0158	0.0041	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	0.297	0.0037	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0554	0.0035	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.0711	0.0037	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.713	0.0035	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0634	0.0024	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.107	0.0043	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0248	0.0033	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.225	0.0032	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.0554	0.0033	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	0.623	0.0035	0.0099				6982339
HexaCB-(147)+(149)	ng/g	1.52	0.0031	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	<0.0036 (1)	0.0036	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0023	0.0023	0.0099				6982339
HexaCB-(153)+(168)	ng/g	3.29	0.0030	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0308	0.0029	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0073	0.0022	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.315	0.0023	0.020	0.0000300	0.00000945		6982339
233'44'6-HexaCB-(158)	ng/g	0.231	0.0026	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.0056	0.0020	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0090	0.0017	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.0999	0.0026	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0030	0.0030	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.134	0.0022	0.0099	0.0000300	0.00000402		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0099	0.0300	0.0000690		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.182 (2)	0.017	0.099				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) ** From 10X Dilution **

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BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.107 (1)	0.017	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.037 (1)	0.019	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.110 (1)	0.015	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	<0.032 (1)	0.032	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.030 (1)	0.022	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.254 (1)	0.017	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.178 (1)	0.033	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.155 (1)	0.022	0.099				6982339
HeptaCB-(180)+(193)	ng/g	0.615 (1)	0.016	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.017 (1)	0.017	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.031 (1)	0.031	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.236 (1)	0.013	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.020 (1)	0.020	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.017 (1)	0.017	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.022 (1)	0.022	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.899 (1)	0.030	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	<0.022 (1)	0.022	0.099	0.0000300	0.000000660		6982339
233'44'56-HeptaCB-(190)	ng/g	0.058 (1)	0.018	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	<0.014 (1)	0.014	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.015 (1)	0.015	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.051 (1)	0.016	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	<0.015 (1)	0.015	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	<0.041 (1)	0.041	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	<0.021 (1)	0.021	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.060 (1)	0.038	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.025 (1)	0.025	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	<0.022 (1)	0.022	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	<0.038 (2)	0.038	0.099				6982339

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(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	0.047 (1)	0.037	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.023 (1)	0.023	0.099				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.016 (1)	0.016	0.099				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	<0.019 (1)	0.019	0.099				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.015 (1)	0.015	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.020 (1)	0.020	0.099				6982339
DecaCB-(209)	ng/g	<0.036 (1)	0.036	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000648		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	137 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	93 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	120 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	100 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	95						6982339
C13-22'344'55'-HeptaCB-(180)	%	94 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	93						6982339
C13-22'44'66'-HexaCB-(155)	%	96						6982339
C13-22'466'-PentaCB-(104)	%	83						6982339
C13-22'66'-TetraCB-(54)	%	85						6982339
C13-22'6-TriCB-(19)	%	96						6982339
C13-22'-DiCB-(4)	%	94						6982339
C13-233'44'55'6-OctaCB-(205)	%	100 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	103 (1)						6982339
C13-233'44'-PentaCB-(105)	%	83						6982339
C13-233'55'-PentaCB-(111)	%	90						6982339
C13-23'44'55'-HexaCB-(167)	%	83						6982339
C13-2344'5-PentaCB-(114)	%	81						6982339
C13-23'44'5-PentaCB-(118)	%	85						6982339
C13-2'344'5-PentaCB-(123)	%	84						6982339
C13-2-MonoCB-(1)	%	78						6982339
C13-33'44'55'-HexaCB-(169)	%	66						6982339

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(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ265						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	81						6982339
C13-33'44'-TetraCB-(77)	%	97						6982339
C13-344'5-TetraCB-(81)	%	96						6982339
C13-344'-TriCB-(37)	%	91						6982339
C13-44'-DiCB-(15)	%	96						6982339
C13-4-MonoCB-(3)	%	87						6982339
C13-DecaCB-(209)	%	123 (1)						6982339
C13-HexaCB-(156)+(157)	%	78						6982339

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00209	0.00058	0.010				6982339
3-MonoCB-(2)	ng/g	0.00104	0.00055	0.010				6982339
4-MonoCB-(3)	ng/g	<0.0011 (1)	0.0011	0.010				6982339
22'-DiCB-(4)	ng/g	0.0126	0.0011	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.00081	0.00081	0.010				6982339
2,3'-DiCB-(6)	ng/g	0.0121	0.00078	0.010				6982339
2,4-DiCB-(7)	ng/g	0.00129	0.00078	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.0387	0.00076	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.0020 (1)	0.0020	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.00096	0.00096	0.010				6982339
3,3'-DiCB-(11)	ng/g	0.00749	0.00081	0.010				6982339
DiCB-(12)+(13)	ng/g	0.00301	0.00079	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00078	0.00078	0.010				6982339
4,4'-DiCB-(15)	ng/g	<0.014 (1)	0.014	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0296	0.0011	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0396	0.00076	0.010				6982339
TriCB-(18)+(30)	ng/g	0.0810	0.00065	0.020				6982339
22'6-TriCB-(19)	ng/g	0.00210	0.00080	0.010				6982339
TriCB-(20) + (28)	ng/g	0.283	0.00097	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0513	0.0011	0.020				6982339
234'-TriCB-(22)	ng/g	0.0547	0.0011	0.010				6982339
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010				6982339
236-TriCB-(24)	ng/g	<0.00053	0.00053	0.010				6982339
23'4-TriCB-(25)	ng/g	<0.013 (1)	0.013	0.010				6982339
TriCB-(26)+(29)	ng/g	<0.041 (1)	0.041	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00777	0.00058	0.010				6982339
24'5-TriCB-(31)	ng/g	0.248	0.0010	0.010				6982339
24'6-TriCB-(32)	ng/g	0.0288	0.00054	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.0015	0.0010	0.010				6982339
33'4-TriCB-(35)	ng/g	0.0015	0.0011	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.00093	0.00093	0.010				6982339

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0218	0.0015	0.010				6982339
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010				6982339
34'5-TriCB-(39)	ng/g	0.00223	0.00099	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.137	0.00060	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.121	0.00072	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0204	0.00080	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.587	0.00055	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0171	0.00059	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.00364	0.00067	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0581	0.00058	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.414	0.00054	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0146	0.00056	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.25	0.00063	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.146	0.0017	0.010				6982339
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0371	0.00045	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.143	0.0015	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.26	0.0015	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0481	0.0014	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.242	0.00048	0.010				6982339
23'44'-TetraCB-(66)	ng/g	0.676	0.0014	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0082	0.0013	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0129	0.0013	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0146	0.0014	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00041	0.00041	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.0482	0.0017	0.010	0.000100	0.00000482		6982339
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0165	0.0014	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010				6982339
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0839	0.0016	0.010				6982339
PentaCB-(83)+(99)	ng/g	2.01	0.0015	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.162	0.0015	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.346	0.0012	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.949	0.0012	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.157	0.0014	0.020				6982339
22'346'-PentaCB-(89)	ng/g	0.0021	0.0015	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	2.53	0.0012	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.518	0.0015	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0258	0.0014	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0038	0.0014	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	0.873	0.0013	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0127	0.0012	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.010				6982339
233'44'-PentaCB-(105)	ng/g	1.11	0.0018	0.010	0.0000300	0.0000333		6982339
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.259	0.0015	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.0798	0.0016	0.020				6982339
PentaCB-(110)+(115)	ng/g	2.50	0.0012	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0039	0.0011	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.0642	0.0018	0.010	0.0000300	0.00000193		6982339
23'44'5-PentaCB-(118)	ng/g	3.25	0.0018	0.010	0.0000300	0.0000975		6982339
23'455'-PentaCB-(120)	ng/g	0.0031	0.0012	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0148	0.0018	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0452	0.0019	0.010	0.0000300	0.00000136		6982339
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.010	0.100	0.000170		6982339
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.524	0.0046	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	4.64	0.0053	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.221	0.0063	0.010				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0171	0.0059	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	0.366	0.0054	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0683	0.0051	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.0459	0.0053	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.768	0.0024	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0764	0.0017	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.115	0.0062	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0349	0.0048	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.280	0.0047	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0620	0.0023	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	0.701	0.0050	0.010				6982339
HexaCB-(147)+(149)	ng/g	1.41	0.0045	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0038	0.0023	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.010				6982339
HexaCB-(153)+(168)	ng/g	3.84	0.0043	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0372	0.0020	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0083	0.0015	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.362	0.0035	0.020	0.0000300	0.0000109		6982339
233'44'6-HexaCB-(158)	ng/g	0.283	0.0037	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.0057	0.0029	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.0042	0.0042	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0037	0.0037	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0109	0.0025	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.155	0.0037	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0043	0.0043	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.160	0.0033	0.010	0.0000300	0.00000480		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.010	0.0300	0.000105		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.215 (1)	0.0038	0.10				6982339
HeptaCB-(171)+(173)	ng/g	0.100 (1)	0.0043	0.20				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0565 (1)	0.0047	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.108 (1)	0.0040	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0132 (1)	0.0089	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0237 (1)	0.0063	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.253 (1)	0.0044	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.157 (1)	0.0093	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.125 (1)	0.0060	0.10				6982339
HeptaCB-(180)+(193)	ng/g	0.858 (1)	0.0039	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0041 (1)	0.0041	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0084 (1)	0.0084	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.256 (1)	0.0038	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0102 (1)	0.0057	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0040 (1)	0.0040	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0065 (1)	0.0065	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.869 (1)	0.0082	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.010				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0161 (1)	0.0042	0.10	0.0000300	0.000000483		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0714 (1)	0.0042	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0197 (1)	0.0036	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0036 (1)	0.0036	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.0814 (1)	0.0061	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0263 (1)	0.0056	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0404 (1)	0.0091	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	<0.0089 (2)	0.0089	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.0937 (1)	0.0085	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.0050 (1)	0.0050	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0173 (1)	0.0052	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0507 (1)	0.0056	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.0683 (1)	0.0080	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0053 (1)	0.0053	0.10				6982339

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(1) ** From 10X Dilution **

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0054 (1)	0.0054	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0189 (1)	0.0059	0.10				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.0048 (1)	0.0048	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.0062 (1)	0.0062	0.10				6982339
DecaCB-(209)	ng/g	<0.013 (1)	0.013	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000431		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	144 (2)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	136 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	136 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	129 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	106						6982339
C13-22'344'55'-HeptaCB-(180)	%	127 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	106						6982339
C13-22'44'66'-HexaCB-(155)	%	113						6982339
C13-22'466'-PentaCB-(104)	%	97						6982339
C13-22'66'-TetraCB-(54)	%	99						6982339
C13-22'6-TriCB-(19)	%	109						6982339
C13-22'-DiCB-(4)	%	107						6982339
C13-233'44'55'6-OctaCB-(205)	%	116 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	129 (1)						6982339
C13-233'44'-PentaCB-(105)	%	95						6982339
C13-233'55'-PentaCB-(111)	%	96						6982339
C13-23'44'55'-HexaCB-(167)	%	91						6982339
C13-2344'5-PentaCB-(114)	%	94						6982339
C13-23'44'5-PentaCB-(118)	%	98						6982339
C13-2'344'5-PentaCB-(123)	%	95						6982339
C13-2-MonoCB-(1)	%	88						6982339
C13-33'44'55'-HexaCB-(169)	%	73						6982339

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

high internal recovery due to matrix effects

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ267						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	96						6982339
C13-33'44'-TetraCB-(77)	%	108						6982339
C13-344'5-TetraCB-(81)	%	109						6982339
C13-344'-TriCB-(37)	%	104						6982339
C13-44'-DiCB-(15)	%	106						6982339
C13-4-MonoCB-(3)	%	97						6982339
C13-DecaCB-(209)	%	157 (1)						6982339
C13-HexaCB-(156)+(157)	%	88						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.010				6982339
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.010				6982339
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010				6982339
22'-DiCB-(4)	ng/g	0.0069	0.0012	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010				6982339
2,3'-DiCB-(6)	ng/g	<0.0057 (1)	0.0057	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.0147	0.0011	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.010				6982339
3,3'-DiCB-(11)	ng/g	<0.0041 (1)	0.0041	0.010				6982339
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.010				6982339
4,4'-DiCB-(15)	ng/g	0.0164	0.0017	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0222	0.0018	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0241	0.0012	0.010				6982339
TriCB-(18)+(30)	ng/g	0.0976	0.0010	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.010				6982339
TriCB-(20) + (28)	ng/g	0.401	0.0012	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0332	0.0013	0.020				6982339
234'-TriCB-(22)	ng/g	0.0659	0.0013	0.010				6982339
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010				6982339
236-TriCB-(24)	ng/g	<0.00084	0.00084	0.010				6982339
23'4-TriCB-(25)	ng/g	<0.019 (1)	0.019	0.010				6982339
TriCB-(26)+(29)	ng/g	<0.050 (1)	0.050	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00929	0.00092	0.010				6982339
24'5-TriCB-(31)	ng/g	0.353	0.0012	0.010				6982339
24'6-TriCB-(32)	ng/g	0.0160	0.00085	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.0014	0.0012	0.010				6982339
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0397	0.0018	0.010				6982339
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010				6982339
34'5-TriCB-(39)	ng/g	0.0026	0.0012	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.149	0.0015	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.172	0.0018	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0282	0.0021	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	1.05	0.0014	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0152	0.0015	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0034	0.0017	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0594	0.0015	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.713	0.0014	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0173	0.0014	0.020				6982339
22'55'-TetraCB-(52)	ng/g	2.52	0.0016	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.257	0.0024	0.010				6982339
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0608	0.0012	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.261	0.0022	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.53	0.0021	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0750	0.0020	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.393	0.0012	0.010				6982339
23'44'-TetraCB-(66)	ng/g	1.36	0.0020	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0133	0.0019	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0169	0.0019	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0266	0.0020	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	0.0036	0.0010	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.109	0.0024	0.010	0.000100	0.0000109		6982339
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0339	0.0020	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010				6982339
344'5-TetraCB-(81)	ng/g	0.0041	0.0023	0.010	0.000300	0.00000123		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.156	0.0038	0.010				6982339
PentaCB-(83)+(99)	ng/g	3.66	0.0035	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.371	0.0035	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.655	0.0029	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.83	0.0029	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.284	0.0032	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	4.75	0.0029	0.030				6982339
22'355'-PentaCB-(92)	ng/g	1.03	0.0034	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0135	0.0032	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0059	0.0033	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	1.69	0.0031	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0231	0.0028	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.010				6982339
233'44'-PentaCB-(105)	ng/g	2.14	0.0029	0.010	0.0000300	0.0000642		6982339
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.502	0.0025	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.145	0.0026	0.020				6982339
PentaCB-(110)+(115)	ng/g	4.96	0.0029	0.020				6982339
233'55'-PentaCB-(111)	ng/g	<0.0026	0.0026	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.125	0.0028	0.010	0.0000300	0.00000375		6982339
23'44'5-PentaCB-(118)	ng/g	6.37	0.0029	0.010	0.0000300	0.000191		6982339
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	<0.0029	0.0029	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0695	0.0030	0.010	0.0000300	0.00000209		6982339
33'44'5-PentaCB-(126)	ng/g	<0.0027	0.0027	0.010	0.100	0.000270		6982339
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.942	0.0053	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	7.78	0.0062	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.290	0.0073	0.010				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0336	0.0068	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	0.627	0.0062	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0961	0.0059	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.105	0.0062	0.020				6982339
HexaCB-(135)+(151)	ng/g	1.28	0.0039	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.134	0.0028	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.219	0.0072	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0564	0.0056	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.839	0.0054	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.0059	0.0059	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0980	0.0038	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	0.987	0.0058	0.010				6982339
HexaCB-(147)+(149)	ng/g	2.32	0.0052	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0030	0.0028	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.010				6982339
HexaCB-(153)+(168)	ng/g	5.97	0.0050	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0618	0.0033	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0077	0.0025	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.706	0.0048	0.020	0.0000300	0.0000212		6982339
233'44'6-HexaCB-(158)	ng/g	0.496	0.0043	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.0073	0.0040	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.0049	0.0049	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0043	0.0043	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0253	0.0034	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.272	0.0043	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0050	0.0050	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.283	0.0045	0.010	0.0000300	0.00000849		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0047	0.0047	0.010	0.0300	0.000141		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.403 (1)	0.0064	0.10				6982339
HeptaCB-(171)+(173)	ng/g	0.182 (1)	0.0073	0.20				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0859 (1)	0.0080	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.163 (1)	0.0068	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0223 (1)	0.0073	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0376 (1)	0.0051	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.338 (1)	0.0073	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.216 (1)	0.0077	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.201 (1)	0.0049	0.10				6982339
HeptaCB-(180)+(193)	ng/g	1.35 (1)	0.0067	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0069 (1)	0.0069	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0069 (1)	0.0069	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.413 (1)	0.0063	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0118 (1)	0.0047	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0067 (1)	0.0067	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0053 (1)	0.0053	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.12 (1)	0.0067	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.010				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0271 (1)	0.0068	0.10	0.0000300	0.000000813		6982339
233'44'56-HeptaCB-(190)	ng/g	0.121 (1)	0.0072	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0303 (1)	0.0061	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0061 (1)	0.0061	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.139 (1)	0.012	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.043 (1)	0.011	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.063 (1)	0.014	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0125 (1)	0.0087	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.117 (1)	0.013	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.0077 (1)	0.0077	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0270 (1)	0.0080	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0638 (1)	0.0087	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.094 (1)	0.012	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0081 (1)	0.0081	0.10				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.011 (1)	0.011	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	<0.013 (1)	0.013	0.10				6982339

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.011 (1)	0.011	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.013 (1)	0.013	0.10				6982339
DecaCB-(209)	ng/g	<0.031 (1)	0.031	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000715		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	114 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	114 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	118 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	113 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	98						6982339
C13-22'344'55'-HeptaCB-(180)	%	110 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	96						6982339
C13-22'44'66'-HexaCB-(155)	%	99						6982339
C13-22'466'-PentaCB-(104)	%	86						6982339
C13-22'66'-TetraCB-(54)	%	83						6982339
C13-22'6-TriCB-(19)	%	96						6982339
C13-22'-DiCB-(4)	%	95						6982339
C13-233'44'55'6-OctaCB-(205)	%	101 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	106 (1)						6982339
C13-233'44'-PentaCB-(105)	%	89						6982339
C13-233'55'-PentaCB-(111)	%	94						6982339
C13-23'44'55'-HexaCB-(167)	%	84						6982339
C13-2344'5-PentaCB-(114)	%	87						6982339
C13-23'44'5-PentaCB-(118)	%	92						6982339
C13-2'344'5-PentaCB-(123)	%	88						6982339
C13-2-MonoCB-(1)	%	80						6982339
C13-33'44'55'-HexaCB-(169)	%	67						6982339
C13-33'44'5-PentaCB-(126)	%	87						6982339
C13-33'44'-TetraCB-(77)	%	97						6982339
C13-344'5-TetraCB-(81)	%	97						6982339
C13-344'-TriCB-(37)	%	90						6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ268						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	97						6982339
C13-4-MonoCB-(3)	%	87						6982339
C13-DecaCB-(209)	%	129 (1)						6982339
C13-HexaCB-(156)+(157)	%	79						6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00165	0.00083	0.0098				6982339
3-MonoCB-(2)	ng/g	0.00097	0.00078	0.0098				6982339
4-MonoCB-(3)	ng/g	0.00091	0.00080	0.0098				6982339
22'-DiCB-(4)	ng/g	0.00662	0.00070	0.0098				6982339
2,3-DiCB-(5)	ng/g	<0.00097	0.00097	0.0098				6982339
2,3'-DiCB-(6)	ng/g	0.0131	0.00093	0.0098				6982339
2,4-DiCB-(7)	ng/g	0.00170	0.00094	0.0098				6982339
2,4'-DiCB-(8)	ng/g	0.0397	0.00091	0.0098				6982339
2,5-DiCB-(9)	ng/g	<0.00091	0.00091	0.0098				6982339
2,6-DiCB-(10)	ng/g	<0.00060	0.00060	0.0098				6982339
3,3'-DiCB-(11)	ng/g	0.00706	0.00098	0.0098				6982339
DiCB-(12)+(13)	ng/g	0.00381	0.00094	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00094	0.00094	0.0098				6982339
4,4'-DiCB-(15)	ng/g	0.0278	0.0014	0.0098				6982339
22'3-TriCB-(16)	ng/g	0.0329	0.0015	0.0098				6982339
22'4-TriCB-(17)	ng/g	0.0727	0.0010	0.0098				6982339
TriCB-(18)+(30)	ng/g	0.0980	0.00089	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0098				6982339
TriCB-(20) + (28)	ng/g	1.05	0.0014	0.020				6982339
TriCB-(21)+(33)	ng/g	0.158	0.0015	0.020				6982339
234'-TriCB-(22)	ng/g	0.156	0.0015	0.0098				6982339
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0098				6982339
236-TriCB-(24)	ng/g	<0.00072	0.00072	0.0098				6982339
23'4-TriCB-(25)	ng/g	0.0587	0.0014	0.0098				6982339
TriCB-(26)+(29)	ng/g	0.106	0.0014	0.020				6982339
23'6-TriCB-(27)	ng/g	0.0160	0.00079	0.0098				6982339
24'5-TriCB-(31)	ng/g	0.791	0.0014	0.0098				6982339
24'6-TriCB-(32)	ng/g	0.0727	0.00074	0.0098				6982339
23'5'-TriCB-(34)	ng/g	0.0051	0.0015	0.0098				6982339
33'4-TriCB-(35)	ng/g	0.0039	0.0016	0.0098				6982339
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0098				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.085 (1)	0.085	0.0098				6982339
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0098				6982339
34'5-TriCB-(39)	ng/g	<0.0066 (1)	0.0066	0.0098				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.446	0.0011	0.029				6982339
22'34'-TetraCB-(42)	ng/g	0.464	0.0013	0.0098				6982339
22'35-TetraCB-(43)	ng/g	0.0713	0.0015	0.0098				6982339
TetraCB-(44)+(47)+(65)	ng/g	1.94	0.0010	0.029				6982339
TetraCB-(45)+(51)	ng/g	0.0136	0.0011	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0019	0.0012	0.0098				6982339
22'45-TetraCB-(48)	ng/g	0.227	0.0011	0.0098				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	1.70	0.00098	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0101	0.0010	0.020				6982339
22'55'-TetraCB-(52)	ng/g	4.82	0.0011	0.0098				6982339
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0098				6982339
233'4-TetraCB-(55)	ng/g	<0.0038	0.0038	0.0098				6982339
233'4'-Tetra CB(56)	ng/g	0.747	0.0042	0.0098				6982339
233'5-TetraCB-(57)	ng/g	<0.0037	0.0037	0.0098				6982339
233'5'-TetraCB-(58)	ng/g	<0.0037	0.0037	0.0098				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.161	0.00083	0.029				6982339
2344'-TetraCB -(60)	ng/g	0.631	0.0039	0.0098				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	5.64	0.0036	0.039				6982339
234'5-TetraCB-(63)	ng/g	0.184	0.0035	0.0098				6982339
234'6-TetraCB-(64)	ng/g	1.20	0.00088	0.0098				6982339
23'44'-TetraCB-(66)	ng/g	3.13	0.0036	0.0098				6982339
23'45-TetraCB-(67)	ng/g	0.0266	0.0033	0.0098				6982339
23'45'-TetraCB-(68)	ng/g	0.0268	0.0033	0.0098				6982339
23'55'-TetraCB-(72)	ng/g	0.0553	0.0035	0.0098				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00074	0.00074	0.0098				6982339
33'44'-TetraCB-(77)	ng/g	0.227	0.0042	0.0098	0.000100	0.0000227		6982339
33'45-TetraCB-(78)	ng/g	<0.0040	0.0040	0.0098				6982339
33'45'-TetraCB(79)	ng/g	0.0693	0.0034	0.0098				6982339
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.0098				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.0116	0.0041	0.0098	0.000300	0.00000348		6982339
22'33'4-PentaCB-(82)	ng/g	0.366	0.0029	0.0098				6982339
PentaCB-(83)+(99)	ng/g	7.37	0.0026	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.616	0.0026	0.0098				6982339
PentaCB-(85)+(116)+(117)	ng/g	1.34	0.0022	0.029				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	4.09	0.0022	0.059				6982339
PentaCB-(88)+(91)	ng/g	0.802	0.0024	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0098				6982339
PentaCB-(90)+(101)+(113)	ng/g	10.8	0.0022	0.029				6982339
22'355'-PentaCB-(92)	ng/g	1.98	0.0026	0.0098				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0549	0.0024	0.039				6982339
22'356'-PentaCB-(94)	ng/g	0.0090	0.0025	0.0098				6982339
22'35'6-PentaCB-(95)	ng/g	2.89	0.0023	0.0098				6982339
22'366'-PentaCB-(96)	ng/g	<0.0011	0.0011	0.0098				6982339
22'45'6-PentaCB-(103)	ng/g	0.0514	0.0021	0.0098				6982339
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0098				6982339
233'44'-PentaCB-(105)	ng/g	4.10	0.0032	0.0098	0.0000300	0.000123		6982339
233'45-PentaCB-(106)	ng/g	<0.0027	0.0027	0.0098				6982339
233'4'5-PentaCB-(107)	ng/g	0.906	0.0027	0.0098				6982339
PentaCB-(108)+(124)	ng/g	0.292	0.0029	0.020				6982339
PentaCB-(110)+(115)	ng/g	10.8	0.0022	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0074	0.0020	0.0098				6982339
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0098				6982339
2344'5-PentaCB-(114)	ng/g	0.247	0.0032	0.0098	0.0000300	0.00000741		6982339
23'44'5-PentaCB-(118)	ng/g	11.8	0.0032	0.0098	0.0000300	0.000354		6982339
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0098				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0098				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0505	0.0033	0.0098				6982339
23'44'5'-PentaCB-(123)	ng/g	0.131	0.0034	0.0098	0.0000300	0.00000393		6982339
33'44'5-PentaCB-(126)	ng/g	<0.0030	0.0030	0.0098	0.100	0.000300		6982339
33'455'-PentaCB-(127)	ng/g	<0.0032	0.0032	0.0098				6982339
HexaCB-(128)+(166)	ng/g	1.54	0.0056	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	12.3	0.0065	0.029				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.613	0.0076	0.0098				6982339
22'33'46-HexaCB-(131)	ng/g	0.0645	0.0071	0.0098				6982339
22'33'46'-HexaCB-(132)	ng/g	1.32	0.0065	0.0098				6982339
22'33'55'-HexaCB-(133)	ng/g	0.172	0.0062	0.0098				6982339
HexaCB-(134)+(143)	ng/g	0.172	0.0065	0.020				6982339
HexaCB-(135)+(151)	ng/g	2.11	0.0052	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.180	0.0037	0.0098				6982339
22'344'5-HexaCB-(137)	ng/g	0.185	0.0075	0.0098				6982339
HexaCB-(139)+(140)	ng/g	0.0820	0.0058	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	1.12	0.0057	0.0098				6982339
22'3456-HexaCB-(142)	ng/g	<0.0062	0.0062	0.0098				6982339
22'345'6-HexaCB-(144)	ng/g	0.171	0.0050	0.0098				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0037	0.0037	0.0098				6982339
22'34'55'-HexaCB-(146)	ng/g	1.70	0.0061	0.0098				6982339
HexaCB-(147)+(149)	ng/g	4.59	0.0054	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	<0.0050	0.0050	0.0098				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0062	0.0037	0.0098				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.0098				6982339
HexaCB-(153)+(168)	ng/g	8.90	0.0052	0.0098				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0547	0.0043	0.0098				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0041	0.0033	0.0098				6982339
HexaCB-(156)+(157)	ng/g	1.18	0.0035	0.020	0.0000300	0.0000354		6982339
233'44'6-HexaCB-(158)	ng/g	0.782	0.0045	0.0098				6982339
233'455'-HexaCB-(159)	ng/g	0.0167	0.0029	0.0098				6982339
233'456-HexaCB-(160)	ng/g	<0.0051	0.0051	0.0098				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0045	0.0045	0.0098				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0392	0.0025	0.0098				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.676	0.0045	0.0098				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0052	0.0052	0.0098				6982339
23'44'55'-HexaCB-(167)	ng/g	0.446	0.0033	0.0098	0.0000300	0.0000134		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.0098	0.0300	0.000102		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.659 (1)	0.0033	0.098				6982339

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.224 (1)	0.0038	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.153 (1)	0.0042	0.098				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.408 (1)	0.0036	0.098				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0298 (1)	0.0077	0.098				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0464 (1)	0.0054	0.098				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.589 (1)	0.0038	0.098				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.309 (1)	0.0081	0.098				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.277 (1)	0.0052	0.098				6982339
HeptaCB-(180)+(193)	ng/g	2.13 (1)	0.0035	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	0.0114 (1)	0.0036	0.098				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0073 (1)	0.0073	0.098				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.478 (1)	0.0033	0.098				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.0051 (2)	0.0051	0.098				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0035 (1)	0.0035	0.098				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0056 (1)	0.0056	0.098				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.63 (1)	0.0071	0.098				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0023	0.0023	0.0098				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0416 (1)	0.0033	0.098	0.0000300	0.00000125		6982339
233'44'56-HeptaCB-(190)	ng/g	0.185 (1)	0.0037	0.098				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0461 (1)	0.0032	0.098				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0032 (1)	0.0032	0.098				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.221 (1)	0.0051	0.098				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0568 (1)	0.0047	0.098				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0934 (1)	0.0047	0.098				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0130 (1)	0.0029	0.098				6982339
OctaCB-(198)+(199)	ng/g	0.176 (1)	0.0044	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	0.0132 (1)	0.0026	0.098				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0272 (1)	0.0027	0.098				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0844 (1)	0.0029	0.098				6982339

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QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

(2) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'55'6-OctaCB-(203)	ng/g	0.125 (1)	0.0041	0.098				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0027 (1)	0.0027	0.098				6982339
233'44'55'6-OctaCB-(205)	ng/g	0.0091 (1)	0.0045	0.098				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0289 (1)	0.0064	0.098				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052 (1)	0.0052	0.098				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.0067 (1)	0.0067	0.098				6982339
DecaCB-(209)	ng/g	<0.018 (1)	0.018	0.098				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000967		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	77						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	109 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	99 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	103 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	96 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	93						6982339
C13-22'344'55'-HeptaCB-(180)	%	98 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	90						6982339
C13-22'44'66'-HexaCB-(155)	%	93						6982339
C13-22'466'-PentaCB-(104)	%	82						6982339
C13-22'66'-TetraCB-(54)	%	81						6982339
C13-22'6-TriCB-(19)	%	93						6982339
C13-22'-DiCB-(4)	%	89						6982339
C13-233'44'55'6-OctaCB-(205)	%	102 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	98 (1)						6982339
C13-233'44'-PentaCB-(105)	%	86						6982339
C13-233'55'-PentaCB-(111)	%	88						6982339
C13-23'44'55'-HexaCB-(167)	%	80						6982339
C13-2344'5-PentaCB-(114)	%	82						6982339
C13-23'44'5-PentaCB-(118)	%	87						6982339
C13-2'344'5-PentaCB-(123)	%	81						6982339
C13-2-MonoCB-(1)	%	72						6982339
C13-33'44'55'-HexaCB-(169)	%	72						6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ272						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-33'44'5-PentaCB-(126)	%	83						6982339
C13-33'44'-TetraCB-(77)	%	93						6982339
C13-344'5-TetraCB-(81)	%	94						6982339
C13-344'-TriCB-(37)	%	87						6982339
C13-44'-DiCB-(15)	%	93						6982339
C13-4-MonoCB-(3)	%	82						6982339
C13-DecaCB-(209)	%	102 (1)						6982339
C13-HexaCB-(156)+(157)	%	78						6982339

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00080	0.00080	0.010				6982339
3-MonoCB-(2)	ng/g	<0.00075	0.00075	0.010				6982339
4-MonoCB-(3)	ng/g	<0.00077	0.00077	0.010				6982339
22'-DiCB-(4)	ng/g	0.0107	0.0013	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.010				6982339
2,3'-DiCB-(6)	ng/g	0.0052	0.0012	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.0159	0.0012	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.0012	0.0012	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.010				6982339
3,3'-DiCB-(11)	ng/g	0.0037	0.0013	0.010				6982339
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.010				6982339
4,4'-DiCB-(15)	ng/g	0.0086	0.0018	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0250	0.0014	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0296	0.00093	0.010				6982339
TriCB-(18)+(30)	ng/g	0.0745	0.00079	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00098	0.00098	0.010				6982339
TriCB-(20) + (28)	ng/g	0.231	0.0010	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0374	0.0011	0.020				6982339
234'-TriCB-(22)	ng/g	0.0371	0.0011	0.010				6982339
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.010				6982339
236-TriCB-(24)	ng/g	<0.00064	0.00064	0.010				6982339
23'4-TriCB-(25)	ng/g	0.0126	0.0010	0.010				6982339
TriCB-(26)+(29)	ng/g	0.0291	0.0011	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00661	0.00071	0.010				6982339
24'5-TriCB-(31)	ng/g	0.188	0.0010	0.010				6982339
24'6-TriCB-(32)	ng/g	0.0173	0.00066	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.0012	0.0011	0.010				6982339
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.00096	0.00096	0.010				6982339
344'-TriCB-(37)	ng/g	0.0186	0.0015	0.010				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010				6982339
34'5-TriCB-(39)	ng/g	0.0021	0.0010	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.124	0.0026	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.108	0.0031	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0172	0.0035	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.688	0.0024	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0142	0.0026	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0030	0.0029	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0608	0.0025	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.357	0.0024	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0158	0.0025	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.52	0.0028	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.00072	0.00072	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.132	0.0019	0.010				6982339
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0331	0.0020	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.145	0.0017	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.24	0.0016	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0380	0.0016	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.194	0.0021	0.010				6982339
23'44'-TetraCB-(66)	ng/g	0.600	0.0016	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0079	0.0015	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0091	0.0015	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0128	0.0016	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.0537	0.0019	0.010	0.000100	0.00000537		6982339
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0176	0.0015	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.010				6982339
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.010	0.000300	0.000000540		6982339
22'33'4-PentaCB-(82)	ng/g	0.0885	0.0029	0.010				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	3.18	0.0027	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.164	0.0027	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.460	0.0022	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.965	0.0022	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.167	0.0024	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	3.36	0.0022	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.545	0.0026	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0184	0.0024	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0046	0.0026	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	0.912	0.0024	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0126	0.0022	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.010				6982339
233'44'-PentaCB-(105)	ng/g	1.13	0.0025	0.010	0.0000300	0.0000339		6982339
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.229	0.0021	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.0645	0.0022	0.020				6982339
PentaCB-(110)+(115)	ng/g	2.35	0.0022	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0041	0.0020	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.0717	0.0024	0.010	0.0000300	0.00000215		6982339
23'44'5-PentaCB-(118)	ng/g	3.25	0.0025	0.010	0.0000300	0.0000975		6982339
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	<0.0025	0.0025	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0402	0.0026	0.010	0.0000300	0.00000121		6982339
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.010	0.100	0.000230		6982339
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.675	0.0081	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	6.90	0.0094	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.299	0.011	0.010				6982339
22'33'46-HexaCB-(131)	ng/g	0.026	0.010	0.010				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.411	0.0095	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.108	0.0091	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.0226	0.0094	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.825	0.0033	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0844	0.0023	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.117	0.011	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0392	0.0085	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.488	0.0083	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.0090	0.0090	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0691	0.0031	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	1.16	0.0089	0.010				6982339
HexaCB-(147)+(149)	ng/g	1.95	0.0079	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	<0.0031	0.0031	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0023	0.0023	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.010				6982339
HexaCB-(153)+(168)	ng/g	5.79	0.0076	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0337	0.0027	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0083	0.0021	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.420	0.0080	0.020	0.0000300	0.0000126		6982339
233'44'6-HexaCB-(158)	ng/g	0.378	0.0066	0.010				6982339
233'455'-HexaCB-(159)	ng/g	<0.0067	0.0067	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.0074	0.0074	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0065	0.0065	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0128	0.0058	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.191	0.0066	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0076	0.0076	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.153	0.0076	0.010	0.0000300	0.00000459		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0080	0.0080	0.010	0.0300	0.000240		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.294 (1)	0.0038	0.10				6982339
HeptaCB-(171)+(173)	ng/g	0.129 (1)	0.0044	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.0765 (1)	0.0048	0.10				6982339

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.110 (1)	0.0041	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0173 (1)	0.0041	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0283 (1)	0.0028	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.366 (1)	0.0044	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.232 (1)	0.0042	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.140 (1)	0.0027	0.10				6982339
HeptaCB-(180)+(193)	ng/g	1.06 (1)	0.0040	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0041 (1)	0.0041	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0038 (1)	0.0038	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.350 (1)	0.0038	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0108 (1)	0.0026	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0040 (1)	0.0040	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0029 (1)	0.0029	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.27 (1)	0.0037	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.010				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0190 (1)	0.0034	0.10	0.0000300	0.000000570		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0917 (1)	0.0043	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0198 (1)	0.0037	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0037 (1)	0.0037	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.0897 (1)	0.0072	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0264 (1)	0.0066	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0537 (1)	0.0074	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0109 (1)	0.0046	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.116 (1)	0.0070	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.0041 (1)	0.0041	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0198 (1)	0.0043	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0738 (1)	0.0046	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.0717 (1)	0.0065	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0043 (1)	0.0043	0.10				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.0064 (1)	0.0064	0.10				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0183 (1)	0.0085	0.10				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.0069 (1)	0.0069	0.10				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0089 (1)	0.0089	0.10				6982339
DecaCB-(209)	ng/g	<0.020 (1)	0.020	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.000628		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	138 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	139 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	121 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	135 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	95						6982339
C13-22'344'55'-HeptaCB-(180)	%	138 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	94						6982339
C13-22'44'66'-HexaCB-(155)	%	102						6982339
C13-22'466'-PentaCB-(104)	%	88						6982339
C13-22'66'-TetraCB-(54)	%	88						6982339
C13-22'6-TriCB-(19)	%	94						6982339
C13-22'-DiCB-(4)	%	94						6982339
C13-233'44'55'6-OctaCB-(205)	%	105 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	127 (1)						6982339
C13-233'44'-PentaCB-(105)	%	83						6982339
C13-233'55'-PentaCB-(111)	%	86						6982339
C13-23'44'55'-HexaCB-(167)	%	71						6982339
C13-2344'5-PentaCB-(114)	%	79						6982339
C13-23'44'5-PentaCB-(118)	%	85						6982339
C13-2'344'5-PentaCB-(123)	%	79						6982339
C13-2-MonoCB-(1)	%	77						6982339
C13-33'44'55'-HexaCB-(169)	%	63						6982339
C13-33'44'5-PentaCB-(126)	%	81						6982339
C13-33'44'-TetraCB-(77)	%	94						6982339
C13-344'5-TetraCB-(81)	%	90						6982339
C13-344'-TriCB-(37)	%	90						6982339
C13-44'-DiCB-(15)	%	98						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ288						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	86						6982339
C13-DecaCB-(209)	%	152 (1)						6982339
C13-HexaCB-(156)+(157)	%	77						6982339

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(1) ** From 10X Dilution **

high internal recovery due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00061	0.00061	0.0099				6982339
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.0099				6982339
22'-DiCB-(4)	ng/g	0.0201	0.0016	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00075	0.00075	0.0099				6982339
2,3'-DiCB-(6)	ng/g	<0.010 (1)	0.010	0.0099				6982339
2,4-DiCB-(7)	ng/g	0.00180	0.00073	0.0099				6982339
2,4'-DiCB-(8)	ng/g	<0.037 (1)	0.037	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00071	0.00071	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.0099				6982339
3,3'-DiCB-(11)	ng/g	0.00360	0.00076	0.0099				6982339
DiCB-(12)+(13)	ng/g	0.00321	0.00073	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00073	0.00073	0.0099				6982339
4,4'-DiCB-(15)	ng/g	<0.030 (1)	0.030	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.122	0.0019	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.194	0.0013	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.426	0.0011	0.020				6982339
22'6-TriCB-(19)	ng/g	0.0034	0.0014	0.0099				6982339
TriCB-(20) + (28)	ng/g	1.04	0.0017	0.020				6982339
TriCB-(21)+(33)	ng/g	0.177	0.0019	0.020				6982339
234'-TriCB-(22)	ng/g	0.222	0.0019	0.0099				6982339
235-TriCB-(23)	ng/g	<0.0020	0.0020	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00089	0.00089	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0587	0.0017	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.126	0.0018	0.020				6982339
23'6-TriCB-(27)	ng/g	0.0356	0.00098	0.0099				6982339
24'5-TriCB-(31)	ng/g	1.15	0.0018	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.0981	0.00091	0.0099				6982339
23'5'-TriCB-(34)	ng/g	0.0020	0.0018	0.0099				6982339
33'4-TriCB-(35)	ng/g	<0.0030 (1)	0.0030	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.0099				6982339

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.151	0.0026	0.0099				6982339
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.0084	0.0018	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.519	0.0011	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.458	0.0013	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0839	0.0015	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	2.06	0.0010	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0816	0.0011	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0193	0.0012	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.301	0.0011	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	1.52	0.0010	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0610	0.0010	0.020				6982339
22'55'-TetraCB-(52)	ng/g	4.21	0.0012	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.594	0.0020	0.0099				6982339
233'5-TetraCB-(57)	ng/g	0.0019	0.0017	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.143	0.00084	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.588	0.0018	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.83	0.0017	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.153	0.0016	0.0099				6982339
234'6-TetraCB-(64)	ng/g	1.01	0.00090	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	2.95	0.0017	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.0319	0.0015	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0236	0.0015	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0391	0.0016	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00076	0.00076	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.188	0.0020	0.0099	0.000100	0.0000188		6982339
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0537	0.0016	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099				6982339
344'5-TetraCB-(81)	ng/g	0.0038	0.0019	0.0099	0.000300	0.00000114		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.267	0.0033	0.0099				6982339
PentaCB-(83)+(99)	ng/g	5.30	0.0030	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.709	0.0030	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	1.25	0.0025	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.28	0.0025	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.651	0.0027	0.020				6982339
22'346'-PentaCB-(89)	ng/g	0.0076	0.0030	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	7.95	0.0025	0.030				6982339
22'355'-PentaCB-(92)	ng/g	1.33	0.0029	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0783	0.0027	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0104	0.0028	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	2.68	0.0026	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	0.00433	0.00086	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0449	0.0024	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.00087	0.00087	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	2.78	0.0015	0.0099	0.0000300	0.0000834		6982339
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.589	0.0013	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.195	0.0013	0.020				6982339
PentaCB-(110)+(115)	ng/g	6.64	0.0024	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0063	0.0022	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.162	0.0015	0.0099	0.0000300	0.00000486		6982339
23'44'5-PentaCB-(118)	ng/g	8.10	0.0015	0.0099	0.0000300	0.000243		6982339
23'455'-PentaCB-(120)	ng/g	0.0057	0.0024	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0519	0.0015	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0610	0.0016	0.0099	0.0000300	0.00000183		6982339
33'44'5-PentaCB-(126)	ng/g	0.0081	0.0014	0.0099	0.100	0.000810		6982339
33'455'-PentaCB-(127)	ng/g	0.0082	0.0015	0.0099				6982339
HexaCB-(128)+(166)	ng/g	1.07	0.0039	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	8.21	0.0045	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.409	0.0053	0.0099				6982339

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0476	0.0049	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	1.16	0.0045	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.107	0.0043	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.137	0.0045	0.020				6982339
HexaCB-(135)+(151)	ng/g	1.59	0.0037	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.259	0.0026	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.379	0.0052	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0703	0.0040	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.603	0.0039	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0043	0.0043	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.146	0.0035	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0027	0.0027	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	1.14	0.0042	0.0099				6982339
HexaCB-(147)+(149)	ng/g	3.54	0.0038	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0063	0.0035	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0055	0.0026	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.0099				6982339
HexaCB-(153)+(168)	ng/g	6.04	0.0036	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0760	0.0031	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0039	0.0024	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.748	0.0029	0.020	0.0000300	0.0000224		6982339
233'44'6-HexaCB-(158)	ng/g	0.560	0.0031	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.0142	0.0025	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.0035	0.0035	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0249	0.0021	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.290	0.0031	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0036	0.0036	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.266	0.0028	0.0099	0.0000300	0.00000798		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0029	0.0029	0.0099	0.0300	0.0000870		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.497 (1)	0.0034	0.099				6982339
HeptaCB-(171)+(173)	ng/g	0.189 (1)	0.0039	0.20				6982339

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(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.111 (1)	0.0042	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.348 (1)	0.0036	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0231 (1)	0.0060	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0594 (1)	0.0042	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.429 (1)	0.0039	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.209 (1)	0.0063	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.255 (1)	0.0041	0.099				6982339
HeptaCB-(180)+(193)	ng/g	1.24 (1)	0.0035	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	0.0087 (1)	0.0036	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0057 (1)	0.0057	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.371 (1)	0.0034	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.0039 (1)	0.0039	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0036 (1)	0.0036	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0044 (1)	0.0044	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.24 (1)	0.0055	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0012	0.0012	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0269 (1)	0.0038	0.099	0.0000300	0.000000807		6982339
233'44'56-HeptaCB-(190)	ng/g	0.146 (1)	0.0038	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0308 (1)	0.0033	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0032 (1)	0.0032	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.153 (1)	0.0064	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0554 (1)	0.0059	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0915 (1)	0.0044	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0055 (1)	0.0028	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.187 (1)	0.0042	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	0.0227 (1)	0.0024	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0309 (1)	0.0025	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0672 (1)	0.0027	0.099				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.125 (1)	0.0039	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0026 (1)	0.0026	0.099				6982339
233'44'55'6-OctaCB-(205)	ng/g	0.0099 (1)	0.0057	0.099				6982339

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(1) ** From 10X Dilution **

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.029 (1)	0.029	0.099				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.0073 (2)	0.0073	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.0093 (2)	0.0093	0.099				6982339
DecaCB-(209)	ng/g	<0.019 (2)	0.019	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00128		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	147 (3)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	152 (3)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	120 (2)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	152 (3)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	101						6982339
C13-22'344'55'-HeptaCB-(180)	%	157 (3)						6982339
C13-22'34'566'-HeptaCB-(188)	%	96						6982339
C13-22'44'66'-HexaCB-(155)	%	102						6982339
C13-22'466'-PentaCB-(104)	%	89						6982339
C13-22'66'-TetraCB-(54)	%	90						6982339
C13-22'6-TriCB-(19)	%	96						6982339
C13-22'-DiCB-(4)	%	99						6982339
C13-233'44'55'6-OctaCB-(205)	%	105 (2)						6982339
C13-233'44'55'-HeptaCB-(189)	%	143 (3)						6982339
C13-233'44'-PentaCB-(105)	%	84						6982339
C13-233'55'-PentaCB-(111)	%	92						6982339
C13-23'44'55'-HexaCB-(167)	%	82						6982339
C13-2344'5-PentaCB-(114)	%	81						6982339
C13-23'44'5-PentaCB-(118)	%	86						6982339

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QC Batch = Quality Control Batch

(1) ** From 10X Dilution **

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) ** From 10X Dilution **

(3) ** From 10X Dilution **

high internal recovery due to matrix effects

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ289						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-2'344'5-PentaCB-(123)	%	84						6982339
C13-2-MonoCB-(1)	%	75						6982339
C13-33'44'55'-HexaCB-(169)	%	63						6982339
C13-33'44'5-PentaCB-(126)	%	84						6982339
C13-33'44'-TetraCB-(77)	%	96						6982339
C13-344'5-TetraCB-(81)	%	97						6982339
C13-344'-TriCB-(37)	%	92						6982339
C13-44'-DiCB-(15)	%	96						6982339
C13-4-MonoCB-(3)	%	86						6982339
C13-DecaCB-(209)	%	154 (1)						6982339
C13-HexaCB-(156)+(157)	%	78						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067 (1)	0.00067	0.010				6982339
3-MonoCB-(2)	ng/g	<0.00035	0.00035	0.010				6982339
4-MonoCB-(3)	ng/g	<0.00057 (1)	0.00057	0.010				6982339
22'-DiCB-(4)	ng/g	0.00851	0.00070	0.010				6982339
2,3-DiCB-(5)	ng/g	<0.00087	0.00087	0.010				6982339
2,3'-DiCB-(6)	ng/g	0.00533	0.00083	0.010				6982339
2,4-DiCB-(7)	ng/g	<0.00083	0.00083	0.010				6982339
2,4'-DiCB-(8)	ng/g	0.0150	0.00081	0.010				6982339
2,5-DiCB-(9)	ng/g	<0.00081	0.00081	0.010				6982339
2,6-DiCB-(10)	ng/g	<0.00060	0.00060	0.010				6982339
3,3'-DiCB-(11)	ng/g	0.00338	0.00087	0.010				6982339
DiCB-(12)+(13)	ng/g	<0.0014 (1)	0.0014	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00084	0.00084	0.010				6982339
4,4'-DiCB-(15)	ng/g	0.0144	0.0012	0.010				6982339
22'3-TriCB-(16)	ng/g	0.0332	0.0010	0.010				6982339
22'4-TriCB-(17)	ng/g	0.0433	0.00070	0.010				6982339
TriCB-(18)+(30)	ng/g	0.102	0.00060	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.00073	0.00073	0.010				6982339
TriCB-(20) + (28)	ng/g	0.332	0.00076	0.020				6982339
TriCB-(21)+(33)	ng/g	<0.041 (1)	0.041	0.020				6982339
234'-TriCB-(22)	ng/g	0.0576	0.00083	0.010				6982339
235-TriCB-(23)	ng/g	<0.00087	0.00087	0.010				6982339
236-TriCB-(24)	ng/g	<0.00048	0.00048	0.010				6982339
23'4-TriCB-(25)	ng/g	0.0123	0.00077	0.010				6982339
TriCB-(26)+(29)	ng/g	0.0363	0.00080	0.020				6982339
23'6-TriCB-(27)	ng/g	0.00899	0.00053	0.010				6982339
24'5-TriCB-(31)	ng/g	0.278	0.00078	0.010				6982339
24'6-TriCB-(32)	ng/g	0.0180	0.00049	0.010				6982339
23'5'-TriCB-(34)	ng/g	0.00175	0.00081	0.010				6982339
33'4-TriCB-(35)	ng/g	0.00129	0.00090	0.010				6982339
33'5-TriCB-(36)	ng/g	<0.00073	0.00073	0.010				6982339

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.034 (1)	0.034	0.010				6982339
345-TriCB-(38)	ng/g	<0.00082	0.00082	0.010				6982339
34'5-TriCB-(39)	ng/g	0.00345	0.00078	0.010				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.147	0.0015	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.155	0.0018	0.010				6982339
22'35-TetraCB-(43)	ng/g	0.0333	0.0020	0.010				6982339
TetraCB-(44)+(47)+(65)	ng/g	0.778	0.0014	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0144	0.0014	0.020				6982339
22'36'-TetraCB-(46)	ng/g	<0.0018 (1)	0.0018	0.010				6982339
22'45-TetraCB-(48)	ng/g	0.0816	0.0014	0.010				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	0.450	0.0013	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0078	0.0014	0.020				6982339
22'55'-TetraCB-(52)	ng/g	1.77	0.0015	0.010				6982339
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.010				6982339
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.010				6982339
233'4'-Tetra CB(56)	ng/g	0.240	0.0017	0.010				6982339
233'5-TetraCB-(57)	ng/g	0.0018	0.0015	0.010				6982339
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0495	0.0011	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.181	0.0016	0.010				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.71	0.0015	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.0619	0.0014	0.010				6982339
234'6-TetraCB-(64)	ng/g	0.303	0.0012	0.010				6982339
23'44'-TetraCB-(66)	ng/g	0.962	0.0015	0.010				6982339
23'45-TetraCB-(67)	ng/g	0.0100	0.0013	0.010				6982339
23'45'-TetraCB-(68)	ng/g	0.0138	0.0013	0.010				6982339
23'55'-TetraCB-(72)	ng/g	0.0192	0.0014	0.010				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00099	0.00099	0.010				6982339
33'44'-TetraCB-(77)	ng/g	0.0899	0.0017	0.010	0.000100	0.00000899		6982339
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.010				6982339
33'45'-TetraCB(79)	ng/g	0.0268	0.0014	0.010				6982339
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010				6982339

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.0027	0.0016	0.010	0.000300	0.000000810		6982339
22'33'4-PentaCB-(82)	ng/g	0.103	0.0027	0.010				6982339
PentaCB-(83)+(99)	ng/g	2.34	0.0025	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.236	0.0025	0.010				6982339
PentaCB-(85)+(116)+(117)	ng/g	0.489	0.0020	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.31	0.0020	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.221	0.0022	0.020				6982339
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.010				6982339
PentaCB-(90)+(101)+(113)	ng/g	3.67	0.0020	0.030				6982339
22'355'-PentaCB-(92)	ng/g	0.763	0.0024	0.010				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0240	0.0022	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0042	0.0023	0.010				6982339
22'35'6-PentaCB-(95)	ng/g	1.10	0.0022	0.010				6982339
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.010				6982339
22'45'6-PentaCB-(103)	ng/g	0.0146	0.0020	0.010				6982339
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.010				6982339
233'44'-PentaCB-(105)	ng/g	1.54	0.0015	0.010	0.0000300	0.0000462		6982339
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010				6982339
233'4'5-PentaCB-(107)	ng/g	0.356	0.0013	0.010				6982339
PentaCB-(108)+(124)	ng/g	0.127	0.0013	0.020				6982339
PentaCB-(110)+(115)	ng/g	3.54	0.0020	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0042	0.0018	0.010				6982339
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.010				6982339
2344'5-PentaCB-(114)	ng/g	0.0823	0.0014	0.010	0.0000300	0.00000247		6982339
23'44'5-PentaCB-(118)	ng/g	4.27	0.0015	0.010	0.0000300	0.000128		6982339
23'455'-PentaCB-(120)	ng/g	0.0022	0.0020	0.010				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.010				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0333	0.0015	0.010				6982339
23'44'5'-PentaCB-(123)	ng/g	0.0379	0.0015	0.010	0.0000300	0.00000114		6982339
33'44'5-PentaCB-(126)	ng/g	0.0083	0.0014	0.010	0.100	0.000830		6982339
33'455'-PentaCB-(127)	ng/g	0.0061	0.0015	0.010				6982339
HexaCB-(128)+(166)	ng/g	0.637	0.0019	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	5.39	0.0022	0.030				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.292	0.0025	0.010				6982339
22'33'46-HexaCB-(131)	ng/g	0.0251	0.0024	0.010				6982339
22'33'46'-HexaCB-(132)	ng/g	0.513	0.0022	0.010				6982339
22'33'55'-HexaCB-(133)	ng/g	0.0803	0.0021	0.010				6982339
HexaCB-(134)+(143)	ng/g	0.0921	0.0022	0.020				6982339
HexaCB-(135)+(151)	ng/g	0.994	0.0029	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.0824	0.0020	0.010				6982339
22'344'5-HexaCB-(137)	ng/g	0.226	0.0025	0.010				6982339
HexaCB-(139)+(140)	ng/g	0.0278	0.0020	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.302	0.0019	0.010				6982339
22'3456-HexaCB-(142)	ng/g	<0.0021	0.0021	0.010				6982339
22'345'6-HexaCB-(144)	ng/g	0.0747	0.0028	0.010				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.010				6982339
22'34'55'-HexaCB-(146)	ng/g	0.831	0.0020	0.010				6982339
HexaCB-(147)+(149)	ng/g	1.99	0.0018	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0036	0.0028	0.010				6982339
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.010				6982339
HexaCB-(153)+(168)	ng/g	3.78	0.0017	0.010				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0272	0.0024	0.010				6982339
22'44'66'-HexaCB-(155)	ng/g	0.0032	0.0019	0.010				6982339
HexaCB-(156)+(157)	ng/g	0.497	0.0017	0.020	0.0000300	0.0000149		6982339
233'44'6-HexaCB-(158)	ng/g	0.305	0.0015	0.010				6982339
233'455'-HexaCB-(159)	ng/g	0.0072	0.0014	0.010				6982339
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.010				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0187	0.0012	0.010				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.163	0.0015	0.010				6982339
233'55'6-HexaCB-(165)	ng/g	0.0028	0.0017	0.010				6982339
23'44'55'-HexaCB-(167)	ng/g	0.198	0.0016	0.010	0.0000300	0.00000594		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.010	0.0300	0.0000510		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.222 (1)	0.0032	0.10				6982339

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(1) ** From 10X Dilution **

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.109 (1)	0.0036	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.0532 (1)	0.0039	0.10				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.142 (1)	0.0034	0.10				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0152 (1)	0.0069	0.10				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0242 (1)	0.0048	0.10				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.311 (1)	0.0036	0.10				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.155 (1)	0.0072	0.10				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.151 (1)	0.0047	0.10				6982339
HeptaCB-(180)+(193)	ng/g	0.826 (1)	0.0033	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	<0.0034 (1)	0.0034	0.10				6982339
22'344'56'-HeptaCB-(182)	ng/g	<0.0065 (1)	0.0065	0.10				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.200 (1)	0.0031	0.10				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.0044 (1)	0.0044	0.10				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0033 (1)	0.0033	0.10				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0050 (1)	0.0050	0.10				6982339
22'34'55'6-HeptaCB-(187)	ng/g	0.861 (1)	0.0063	0.10				6982339
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.010				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0189 (1)	0.0053	0.10	0.0000300	0.000000567		6982339
233'44'56-HeptaCB-(190)	ng/g	0.0808 (1)	0.0035	0.10				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0184 (1)	0.0030	0.10				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0030 (1)	0.0030	0.10				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.0744 (1)	0.0066	0.10				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0233 (1)	0.0061	0.10				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0406 (1)	0.0064	0.10				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0082 (1)	0.0040	0.10				6982339
OctaCB-(198)+(199)	ng/g	0.0793 (1)	0.0060	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.0035 (1)	0.0035	0.10				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0178 (1)	0.0037	0.10				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0526 (1)	0.0040	0.10				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.0558 (1)	0.0056	0.10				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0037 (1)	0.0037	0.10				6982339
233'44'55'6-OctaCB-(205)	ng/g	<0.0059 (1)	0.0059	0.10				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0069 (1)	0.0069	0.10				6982339
22'33'44'566'-NonaCB-(207)	ng/g	<0.0056 (1)	0.0056	0.10				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.0072 (1)	0.0072	0.10				6982339
DecaCB-(209)	ng/g	<0.022 (1)	0.022	0.10				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00109		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	77						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	124 (1)						6982339
C13-22'33'44'5-HeptaCB-(170)	%	113 (1)						6982339
C13-22'33'455'66'-NonaCB-(208)	%	107 (1)						6982339
C13-22'33'55'66'-OctaCB-(202)	%	104 (1)						6982339
C13-22'33'55'6-HeptaCB-(178)	%	90						6982339
C13-22'344'55'-HeptaCB-(180)	%	111 (1)						6982339
C13-22'34'566'-HeptaCB-(188)	%	92						6982339
C13-22'44'66'-HexaCB-(155)	%	95						6982339
C13-22'466'-PentaCB-(104)	%	85						6982339
C13-22'66'-TetraCB-(54)	%	82						6982339
C13-22'6-TriCB-(19)	%	89						6982339
C13-22'-DiCB-(4)	%	90						6982339
C13-233'44'55'6-OctaCB-(205)	%	100 (1)						6982339
C13-233'44'55'-HeptaCB-(189)	%	115 (1)						6982339
C13-233'44'-PentaCB-(105)	%	83						6982339
C13-233'55'-PentaCB-(111)	%	86						6982339
C13-23'44'55'-HexaCB-(167)	%	82						6982339
C13-2344'5-PentaCB-(114)	%	81						6982339
C13-23'44'5-PentaCB-(118)	%	86						6982339
C13-2'344'5-PentaCB-(123)	%	81						6982339
C13-2-MonoCB-(1)	%	75						6982339
C13-33'44'55'-HexaCB-(169)	%	65						6982339
C13-33'44'5-PentaCB-(126)	%	85						6982339
C13-33'44'-TetraCB-(77)	%	93						6982339
C13-344'5-TetraCB-(81)	%	92						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ290						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	87						6982339
C13-44'-DiCB-(15)	%	92						6982339
C13-4-MonoCB-(3)	%	82						6982339
C13-DecaCB-(209)	%	123 (1)						6982339
C13-HexaCB-(156)+(157)	%	77						6982339

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BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00032	0.00032	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00028	0.00028	0.0099				6982339
4-MonoCB-(3)	ng/g	<0.00031	0.00031	0.0099				6982339
22'-DiCB-(4)	ng/g	0.00760	0.00077	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00072	0.00072	0.0099				6982339
2,3'-DiCB-(6)	ng/g	<0.0076 (1)	0.0076	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00080 (1)	0.00080	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.0167	0.00051	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00059	0.00059	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.00067	0.00067	0.0099				6982339
3,3'-DiCB-(11)	ng/g	<0.0039 (1)	0.0039	0.0099				6982339
DiCB-(12)+(13)	ng/g	<0.0016 (1)	0.0016	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.0099				6982339
4,4'-DiCB-(15)	ng/g	0.0227	0.00094	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0253	0.0014	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0462	0.0012	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.0949	0.0010	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099				6982339
TriCB-(20) + (28)	ng/g	0.702	0.00057	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0560	0.00054	0.020				6982339
234'-TriCB-(22)	ng/g	0.0878	0.00059	0.0099				6982339
235-TriCB-(23)	ng/g	<0.00059	0.00059	0.0099				6982339
236-TriCB-(24)	ng/g	<0.00099	0.00099	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0302	0.00057	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.0641	0.00056	0.020				6982339
23'6-TriCB-(27)	ng/g	0.0101	0.00086	0.0099				6982339
24'5-TriCB-(31)	ng/g	0.507	0.00056	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.0298	0.00084	0.0099				6982339
23'5'-TriCB-(34)	ng/g	0.00282	0.00064	0.0099				6982339
33'4-TriCB-(35)	ng/g	<0.0013 (1)	0.0013	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.00091 (1)	0.00091	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0867	0.00094	0.0099				6982339
345-TriCB-(38)	ng/g	<0.00060	0.00060	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.00604	0.00057	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.330	0.0011	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.262	0.0012	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0475	0.0012	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	1.48	0.0010	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0301	0.0011	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0051	0.0012	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.152	0.0011	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	1.04	0.00098	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0205	0.0010	0.020				6982339
22'55'-TetraCB-(52)	ng/g	3.14	0.0010	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.00081	0.00081	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.482	0.0015	0.0099				6982339
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	0.0888	0.0013	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.0976	0.00083	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.475	0.0014	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.34	0.0013	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.165	0.0013	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.641	0.00089	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	2.64	0.0013	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.0206	0.0013	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0316	0.0013	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00087	0.00087	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.176	0.0016	0.0099	0.000100	0.0000176		6982339
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0585	0.0013	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0041 (1)	0.0041	0.0099	0.000300	0.00000123		6982339
22'33'4-PentaCB-(82)	ng/g	0.197	0.0015	0.0099				6982339
PentaCB-(83)+(99)	ng/g	4.90	0.0016	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.568	0.0015	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	1.10	0.0012	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	2.76	0.0012	0.060				6982339
PentaCB-(88)+(91)	ng/g	0.532	0.0014	0.020				6982339
22'346'-PentaCB-(89)	ng/g	0.0043	0.0015	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	7.66	0.0012	0.030				6982339
22'355'-PentaCB-(92)	ng/g	1.52	0.0015	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0299	0.0014	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0093	0.0014	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	2.44	0.0014	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	0.00136	0.00052	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0330	0.0013	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.00045	0.00045	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	3.67	0.00095	0.0099	0.0000300	0.000110		6982339
233'45-PentaCB-(106)	ng/g	<0.00079	0.00079	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.700	0.00072	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.273	0.00084	0.020				6982339
PentaCB-(110)+(115)	ng/g	6.93	0.0013	0.020				6982339
233'55'-PentaCB-(111)	ng/g	<0.0045 (1)	0.0045	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.211	0.00094	0.0099	0.0000300	0.00000633		6982339
23'44'5-PentaCB-(118)	ng/g	10.1	0.00095	0.0099	0.0000300	0.000303		6982339
23'455'-PentaCB-(120)	ng/g	0.0049	0.0011	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0746	0.00086	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.136	0.0010	0.0099	0.0000300	0.00000408		6982339
33'44'5-PentaCB-(126)	ng/g	0.0103	0.00091	0.0099	0.100	0.00103		6982339
33'455'-PentaCB-(127)	ng/g	<0.0041 (1)	0.0041	0.0099				6982339
HexaCB-(128)+(166)	ng/g	1.21	0.0012	0.020				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	9.38	0.0013	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.514	0.0015	0.0099				6982339
22'33'46-HexaCB-(131)	ng/g	0.0546	0.0016	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	1.11	0.0014	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.153	0.0014	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.265	0.0014	0.020				6982339
HexaCB-(135)+(151)	ng/g	1.64	0.0014	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.207	0.0011	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.446	0.0015	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.0661	0.0012	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.636	0.0012	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.104	0.0015	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0011	0.0011	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	1.36	0.0012	0.0099				6982339
HexaCB-(147)+(149)	ng/g	4.01	0.0012	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0051	0.0014	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0044	0.0011	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0018 (1)	0.0018	0.0099				6982339
HexaCB-(153)+(168)	ng/g	6.65	0.0011	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0473	0.0012	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	0.00410	0.00079	0.0099				6982339
HexaCB-(156)+(157)	ng/g	0.986	0.0015	0.020	0.0000300	0.0000296		6982339
233'44'6-HexaCB-(158)	ng/g	0.506	0.00091	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	0.0119	0.0012	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.00097	0.00097	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.00099	0.00099	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0379	0.0011	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.303	0.0010	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.400	0.0014	0.0099	0.0000300	0.0000120		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0099	0.0300	0.0000420		6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.483	0.0016	0.099				6982339
HeptaCB-(171)+(173)	ng/g	0.202	0.0019	0.20				6982339
22'33'455'-HeptaCB-(172)	ng/g	0.114	0.0021	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.327	0.0018	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0280	0.0039	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0449	0.0027	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.500	0.0019	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.264	0.0041	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.249	0.0026	0.099				6982339
HeptaCB-(180)+(193)	ng/g	1.58	0.0017	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	0.0091	0.0018	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	0.0122	0.0037	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.398	0.0016	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	<0.0036 (1)	0.0036	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0028	0.0028	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	1.39	0.0036	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	0.0023	0.0016	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0327	0.0013	0.099	0.0000300	0.000000981		6982339
233'44'56-HeptaCB-(190)	ng/g	0.155	0.0018	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0339	0.0016	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.174	0.0021	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0450	0.0019	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.0915	0.0028	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0116	0.0018	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.153	0.0027	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.010 (1)	0.010	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0315	0.0016	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.0806	0.0018	0.099				6982339
22'344'55'6-OctaCB-(203)	ng/g	0.103	0.0025	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	0.0083	0.0018	0.099				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0303	0.0013	0.099				6982339
22'33'44'566'-NonaCB-(207)	ng/g	0.0051	0.0010	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	<0.0070 (1)	0.0070	0.099				6982339
DecaCB-(209)	ng/g	<0.0092 (1)	0.0092	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00156		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	114						6982339
C13-22'33'44'5-HeptaCB-(170)	%	102						6982339
C13-22'33'455'66'-NonaCB-(208)	%	105						6982339
C13-22'33'55'66'-OctaCB-(202)	%	93						6982339
C13-22'33'55'6-HeptaCB-(178)	%	81						6982339
C13-22'344'55'-HeptaCB-(180)	%	97						6982339
C13-22'34'566'-HeptaCB-(188)	%	88						6982339
C13-22'44'66'-HexaCB-(155)	%	102						6982339
C13-22'466'-PentaCB-(104)	%	86						6982339
C13-22'66'-TetraCB-(54)	%	83						6982339
C13-22'6-TriCB-(19)	%	71						6982339
C13-22'-DiCB-(4)	%	68						6982339
C13-233'44'55'6-OctaCB-(205)	%	97						6982339
C13-233'44'55'-HeptaCB-(189)	%	111						6982339
C13-233'44'-PentaCB-(105)	%	102						6982339
C13-233'55'-PentaCB-(111)	%	78						6982339
C13-23'44'55'-HexaCB-(167)	%	105						6982339
C13-2344'5-PentaCB-(114)	%	100						6982339
C13-23'44'5-PentaCB-(118)	%	108						6982339
C13-2'344'5-PentaCB-(123)	%	105						6982339
C13-2-MonoCB-(1)	%	66						6982339
C13-33'44'55'-HexaCB-(169)	%	95						6982339
C13-33'44'5-PentaCB-(126)	%	101						6982339
C13-33'44'-TetraCB-(77)	%	110						6982339

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BV Labs ID		NPZ291						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	113						6982339
C13-344'-TriCB-(37)	%	115						6982339
C13-44'-DiCB-(15)	%	91						6982339
C13-4-MonoCB-(3)	%	74						6982339
C13-DecaCB-(209)	%	115						6982339
C13-HexaCB-(156)+(157)	%	101						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.0099				6982339
3-MonoCB-(2)	ng/g	<0.00047	0.00047	0.0099				6982339
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.0099				6982339
22'-DiCB-(4)	ng/g	0.00951	0.00055	0.0099				6982339
2,3-DiCB-(5)	ng/g	<0.00076	0.00076	0.0099				6982339
2,3'-DiCB-(6)	ng/g	0.0159	0.00062	0.0099				6982339
2,4-DiCB-(7)	ng/g	<0.00062	0.00062	0.0099				6982339
2,4'-DiCB-(8)	ng/g	0.0244	0.00054	0.0099				6982339
2,5-DiCB-(9)	ng/g	<0.00063	0.00063	0.0099				6982339
2,6-DiCB-(10)	ng/g	<0.00048	0.00048	0.0099				6982339
3,3'-DiCB-(11)	ng/g	0.00405	0.00068	0.0099				6982339
DiCB-(12)+(13)	ng/g	0.00225	0.00066	0.020				6982339
3,5-DiCB-(14)	ng/g	<0.00063	0.00063	0.0099				6982339
4,4'-DiCB-(15)	ng/g	0.0142	0.0010	0.0099				6982339
22'3-TriCB-(16)	ng/g	0.0310	0.0014	0.0099				6982339
22'4-TriCB-(17)	ng/g	0.0799	0.0012	0.0099				6982339
TriCB-(18)+(30)	ng/g	0.125	0.0010	0.020				6982339
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099				6982339
TriCB-(20) + (28)	ng/g	0.854	0.00074	0.020				6982339
TriCB-(21)+(33)	ng/g	0.0941	0.00071	0.020				6982339
234'-TriCB-(22)	ng/g	0.104	0.00077	0.0099				6982339
235-TriCB-(23)	ng/g	<0.00077	0.00077	0.0099				6982339
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0099				6982339
23'4-TriCB-(25)	ng/g	0.0592	0.00075	0.0099				6982339
TriCB-(26)+(29)	ng/g	0.137	0.00073	0.020				6982339
23'6-TriCB-(27)	ng/g	0.0143	0.00089	0.0099				6982339
24'5-TriCB-(31)	ng/g	0.632	0.00073	0.0099				6982339
24'6-TriCB-(32)	ng/g	0.0363	0.00086	0.0099				6982339
23'5'-TriCB-(34)	ng/g	0.00456	0.00083	0.0099				6982339
33'4-TriCB-(35)	ng/g	0.00162	0.00082	0.0099				6982339
33'5-TriCB-(36)	ng/g	<0.00067	0.00067	0.0099				6982339
344'-TriCB-(37)	ng/g	0.0599	0.0012	0.0099				6982339

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00078	0.00078	0.0099				6982339
34'5-TriCB-(39)	ng/g	0.00739	0.00075	0.0099				6982339
TetraCB-(40)+(41)+(71)	ng/g	0.346	0.0011	0.030				6982339
22'34'-TetraCB-(42)	ng/g	0.351	0.0012	0.0099				6982339
22'35-TetraCB-(43)	ng/g	0.0523	0.0012	0.0099				6982339
TetraCB-(44)+(47)+(65)	ng/g	1.82	0.0010	0.030				6982339
TetraCB-(45)+(51)	ng/g	0.0363	0.0011	0.020				6982339
22'36'-TetraCB-(46)	ng/g	0.0055	0.0012	0.0099				6982339
22'45-TetraCB-(48)	ng/g	0.225	0.0011	0.0099				6982339
TetraCB-(49)+TetraCB-(69)	ng/g	1.64	0.00098	0.020				6982339
TetraCB-(50)+(53)	ng/g	0.0278	0.0010	0.020				6982339
22'55'-TetraCB-(52)	ng/g	3.80	0.0010	0.0099				6982339
22'66'-TetraCB-(54)	ng/g	<0.00085	0.00085	0.0099				6982339
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099				6982339
233'4'-Tetra CB(56)	ng/g	0.609	0.0021	0.0099				6982339
233'5-TetraCB-(57)	ng/g	0.0097	0.0019	0.0099				6982339
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099				6982339
TetraCB-(59)+(62)+(75)	ng/g	0.158	0.00084	0.030				6982339
2344'-TetraCB -(60)	ng/g	0.544	0.0020	0.0099				6982339
TetraCB-(61)+(70)+(74)+(76)	ng/g	4.84	0.0018	0.040				6982339
234'5-TetraCB-(63)	ng/g	0.198	0.0018	0.0099				6982339
234'6-TetraCB-(64)	ng/g	0.931	0.00089	0.0099				6982339
23'44'-TetraCB-(66)	ng/g	2.79	0.0019	0.0099				6982339
23'45-TetraCB-(67)	ng/g	0.0347	0.0018	0.0099				6982339
23'45'-TetraCB-(68)	ng/g	0.0430	0.0019	0.0099				6982339
23'55'-TetraCB-(72)	ng/g	0.0637	0.0018	0.0099				6982339
23'5'6-TetraCB-(73)	ng/g	<0.00088	0.00088	0.0099				6982339
33'44'-TetraCB-(77)	ng/g	0.196	0.0023	0.0099	0.000100	0.0000196		6982339
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0099				6982339
33'45'-TetraCB(79)	ng/g	0.0658	0.0018	0.0099				6982339
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099				6982339
344'5-TetraCB-(81)	ng/g	0.0144	0.0022	0.0099	0.000300	0.00000432		6982339
22'33'4-PentaCB-(82)	ng/g	0.252	0.0020	0.0099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	7.12	0.0021	0.020				6982339
22'33'6-PentaCB-(84)	ng/g	0.536	0.0020	0.0099				6982339
PentaCB-(85)+(116)+(117)	ng/g	1.54	0.0016	0.030				6982339
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	3.48	0.0017	0.059				6982339
PentaCB-(88)+(91)	ng/g	0.719	0.0019	0.020				6982339
22'346'-PentaCB-(89)	ng/g	0.0029	0.0021	0.0099				6982339
PentaCB-(90)+(101)+(113)	ng/g	9.03	0.0016	0.030				6982339
22'355'-PentaCB-(92)	ng/g	1.68	0.0020	0.0099				6982339
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0733	0.0019	0.040				6982339
22'356'-PentaCB-(94)	ng/g	0.0106	0.0019	0.0099				6982339
22'35'6-PentaCB-(95)	ng/g	2.77	0.0019	0.0099				6982339
22'366'-PentaCB-(96)	ng/g	<0.0018 (1)	0.0018	0.0099				6982339
22'45'6-PentaCB-(103)	ng/g	0.0510	0.0017	0.0099				6982339
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0099				6982339
233'44'-PentaCB-(105)	ng/g	4.03	0.0011	0.0099	0.0000300	0.000121		6982339
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.0099				6982339
233'4'5-PentaCB-(107)	ng/g	0.794	0.00085	0.0099				6982339
PentaCB-(108)+(124)	ng/g	0.306	0.0010	0.020				6982339
PentaCB-(110)+(115)	ng/g	7.90	0.0017	0.020				6982339
233'55'-PentaCB-(111)	ng/g	0.0085	0.0015	0.0099				6982339
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.0099				6982339
2344'5-PentaCB-(114)	ng/g	0.233	0.0011	0.0099	0.0000300	0.00000699		6982339
23'44'5-PentaCB-(118)	ng/g	12.5	0.0011	0.0099	0.0000300	0.000375		6982339
23'455'-PentaCB-(120)	ng/g	0.0123	0.0015	0.0099				6982339
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0099				6982339
233'4'5'-PentaCB-(122)	ng/g	0.0746	0.0010	0.0099				6982339
23'44'5'-PentaCB-(123)	ng/g	0.146	0.0012	0.0099	0.0000300	0.00000438		6982339
33'44'5-PentaCB-(126)	ng/g	0.0129	0.0011	0.0099	0.100	0.00129		6982339
33'455'-PentaCB-(127)	ng/g	0.0074	0.0010	0.0099				6982339
HexaCB-(128)+(166)	ng/g	1.51	0.0015	0.020				6982339
HexaCB-(129)+(138)+(163)	ng/g	11.9	0.0017	0.030				6982339
22'33'45'-HexaCB-(130)	ng/g	0.603	0.0020	0.0099				6982339

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0538	0.0020	0.0099				6982339
22'33'46'-HexaCB-(132)	ng/g	1.42	0.0018	0.0099				6982339
22'33'55'-HexaCB-(133)	ng/g	0.195	0.0018	0.0099				6982339
HexaCB-(134)+(143)	ng/g	0.236	0.0019	0.020				6982339
HexaCB-(135)+(151)	ng/g	1.94	0.0033	0.020				6982339
22'33'66'-HexaCB-(136)	ng/g	0.242	0.0025	0.0099				6982339
22'344'5-HexaCB-(137)	ng/g	0.595	0.0019	0.0099				6982339
HexaCB-(139)+(140)	ng/g	0.129	0.0016	0.020				6982339
22'3455'-HexaCB-(141)	ng/g	0.908	0.0016	0.0099				6982339
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099				6982339
22'345'6-HexaCB-(144)	ng/g	0.202	0.0034	0.0099				6982339
22'3466'-HexaCB-(145)	ng/g	<0.0025	0.0025	0.0099				6982339
22'34'55'-HexaCB-(146)	ng/g	1.76	0.0016	0.0099				6982339
HexaCB-(147)+(149)	ng/g	5.06	0.0016	0.020				6982339
22'34'56'-HexaCB-(148)	ng/g	0.0093	0.0033	0.0099				6982339
22'34'66'-HexaCB-(150)	ng/g	0.0058	0.0025	0.0099				6982339
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.0099				6982339
HexaCB-(153)+(168)	ng/g	10.5	0.0014	0.0099				6982339
22'44'56'-HexaCB-(154)	ng/g	0.0970	0.0028	0.0099				6982339
22'44'66'-HexaCB-(155)	ng/g	<0.0051 (1)	0.0051	0.0099				6982339
HexaCB-(156)+(157)	ng/g	1.34	0.0019	0.020	0.0000300	0.0000402		6982339
233'44'6-HexaCB-(158)	ng/g	0.788	0.0012	0.0099				6982339
233'455'-HexaCB-(159)	ng/g	<0.021 (1)	0.021	0.0099				6982339
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0099				6982339
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0099				6982339
233'4'55'-HexaCB-(162)	ng/g	0.0315	0.0015	0.0099				6982339
233'4'5'6-HexaCB-(164)	ng/g	0.379	0.0013	0.0099				6982339
233'55'6-HexaCB-(165)	ng/g	0.0059	0.0014	0.0099				6982339
23'44'55'-HexaCB-(167)	ng/g	0.525	0.0018	0.0099	0.0000300	0.0000158		6982339
33'44'55'-HexaCB-(169)	ng/g	<0.0033 (1)	0.0033	0.0099	0.0300	0.0000990		6982339
22'33'44'5-HeptaCB-(170)	ng/g	0.883	0.00060	0.099				6982339
HeptaCB-(171)+(173)	ng/g	0.294	0.00068	0.20				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.203	0.00075	0.099				6982339
22'33'456'-HeptaCB-(174)	ng/g	0.616	0.00064	0.099				6982339
22'33'45'6-HeptaCB-(175)	ng/g	0.0374	0.0018	0.099				6982339
22'33'466'-HeptaCB-(176)	ng/g	0.0620	0.0013	0.099				6982339
22'33'45'6'-HeptaCB-(177)	ng/g	0.660	0.00069	0.099				6982339
22'33'55'6-HeptaCB-(178)	ng/g	0.375	0.0019	0.099				6982339
22'33'566'-HeptaCB-(179)	ng/g	0.291	0.0012	0.099				6982339
HeptaCB-(180)+(193)	ng/g	2.65	0.00062	0.20				6982339
22'344'56-HeptaCB-(181)	ng/g	0.0127	0.00064	0.099				6982339
22'344'56'-HeptaCB-(182)	ng/g	0.0140	0.0017	0.099				6982339
22'344'5'6-HeptaCB-(183)	ng/g	0.795	0.00059	0.099				6982339
22'344'66'-HeptaCB-(184)	ng/g	0.0064	0.0012	0.099				6982339
22'3455'6-HeptaCB-(185)	ng/g	<0.00063	0.00063	0.099				6982339
22'34566'-HeptaCB-(186)	ng/g	<0.0013	0.0013	0.099				6982339
22'34'55'6-HeptaCB-(187)	ng/g	2.11	0.0017	0.099				6982339
22'34'566'-HeptaCB-(188)	ng/g	0.0028	0.0010	0.0099				6982339
233'44'55'-HeptaCB-(189)	ng/g	0.0480	0.00086	0.099	0.0000300	0.00000144		6982339
233'44'56-HeptaCB-(190)	ng/g	0.212	0.00067	0.099				6982339
233'44'5'6-HeptaCB-(191)	ng/g	0.0492	0.00057	0.099				6982339
233'455'6-HeptaCB-(192)	ng/g	<0.00057	0.00057	0.099				6982339
22'33'44'55'-OctaCB-(194)	ng/g	0.272	0.00074	0.099				6982339
22'33'44'56-OctaCB-(195)	ng/g	0.0948	0.00068	0.099				6982339
22'33'44'56'-OctaCB-(196)	ng/g	0.240	0.0021	0.099				6982339
22'33'44'66'OctaCB-(197)	ng/g	0.0151	0.0013	0.099				6982339
OctaCB-(198)+(199)	ng/g	0.370	0.0020	0.20				6982339
22'33'4566'-OctaCB-(200)	ng/g	<0.020 (1)	0.020	0.099				6982339
22'33'45'66'-OctaCB-(201)	ng/g	0.0438	0.0012	0.099				6982339
22'33'55'66'-OctaCB-(202)	ng/g	0.108	0.0013	0.099				6982339
22'344'55'6-OctaCB-(203)	ng/g	<0.0019	0.0019	0.099				6982339
22'344'566'-OctaCB-(204)	ng/g	<0.0012	0.0012	0.099				6982339
233'44'55'6-OctaCB-(205)	ng/g	0.0151	0.00065	0.099				6982339
22'33'44'55'6-NonaCB-(206)	ng/g	0.0502	0.00090	0.099				6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.00651	0.00074	0.099				6982339
22'33'455'66'-NonaCB-(208)	ng/g	0.0143	0.00095	0.099				6982339
DecaCB-(209)	ng/g	<0.012 (1)	0.012	0.099				6982339
TOTAL TOXIC EQUIVALENCY	ng/g					0.00198		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	109						6982339
C13-22'33'44'55'6-NonaCB-(206)	%	131						6982339
C13-22'33'44'5-HeptaCB-(170)	%	140						6982339
C13-22'33'455'66'-NonaCB-(208)	%	115						6982339
C13-22'33'55'66'-OctaCB-(202)	%	139						6982339
C13-22'33'55'6-HeptaCB-(178)	%	92						6982339
C13-22'344'55'-HeptaCB-(180)	%	138						6982339
C13-22'34'566'-HeptaCB-(188)	%	88						6982339
C13-22'44'66'-HexaCB-(155)	%	99						6982339
C13-22'466'-PentaCB-(104)	%	80						6982339
C13-22'66'-TetraCB-(54)	%	79						6982339
C13-22'6-TriCB-(19)	%	68						6982339
C13-22'-DiCB-(4)	%	64						6982339
C13-233'44'55'6-OctaCB-(205)	%	96						6982339
C13-233'44'55'-HeptaCB-(189)	%	135						6982339
C13-233'44'-PentaCB-(105)	%	101						6982339
C13-233'55'-PentaCB-(111)	%	84						6982339
C13-23'44'55'-HexaCB-(167)	%	101						6982339
C13-2344'5-PentaCB-(114)	%	95						6982339
C13-23'44'5-PentaCB-(118)	%	103						6982339
C13-2'344'5-PentaCB-(123)	%	102						6982339
C13-2-MonoCB-(1)	%	67						6982339
C13-33'44'55'-HexaCB-(169)	%	86						6982339
C13-33'44'5-PentaCB-(126)	%	94						6982339
C13-33'44'-TetraCB-(77)	%	102						6982339
C13-344'5-TetraCB-(81)	%	108						6982339
C13-344'-TriCB-(37)	%	109						6982339

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ292						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	90						6982339
C13-4-MonoCB-(3)	%	72						6982339
C13-DecaCB-(209)	%	136						6982339
C13-HexaCB-(156)+(157)	%	94						6982339

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00099	0.00099	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00081	0.00081	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00095	0.00095	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.00083	0.00083	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.00085	0.00085	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.00084	0.00084	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.00088	0.00088	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.00084	0.00084	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0099				7006939
3,3'-DiCB-(11)	ng/g	<0.00095	0.00095	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.00092	0.00092	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00088	0.00088	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.0037	0.0037	0.0099				7006939
TriCB-(18)+(30)	ng/g	<0.0030	0.0030	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0035	0.0035	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0206	0.0017	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0017	0.0017	0.020				7006939
234'-TriCB-(22)	ng/g	0.0041	0.0018	0.0099				7006939
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0099				7006939
236-TriCB-(24)	ng/g	<0.0030	0.0030	0.0099				7006939
23'4-TriCB-(25)	ng/g	<0.0018	0.0018	0.0099				7006939
TriCB-(26)+(29)	ng/g	<0.0032 (1)	0.0032	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0026	0.0026	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0180	0.0017	0.0099				7006939
24'6-TriCB-(32)	ng/g	<0.0025	0.0025	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.0018	0.0018	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0099				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0034	0.0034	0.0099				7006939
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.030				7006939
22'34'-TetraCB-(42)	ng/g	<0.0026	0.0026	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0494	0.0022	0.030				7006939
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0454	0.0021	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.116	0.0022	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.0033	0.0033	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0123	0.0038	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.0034	0.0034	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.0031	0.0031	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.0043	0.0018	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0169	0.0038	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.159	0.0033	0.039				7006939
234'5-TetraCB-(63)	ng/g	0.0050	0.0033	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0253	0.0020	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.109	0.0037	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.0030	0.0030	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	<0.0034	0.0034	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	<0.0036	0.0036	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0056	0.0050	0.0099	0.000100	0.000000560		7006939
33'45-TetraCB-(78)	ng/g	<0.0037	0.0037	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.0032	0.0032	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.0030	0.0030	0.0099				7006939
344'5-TetraCB-(81)	ng/g	<0.0048	0.0048	0.0099	0.000300	0.00000144		7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0070	0.0046	0.0099				7006939
PentaCB-(83)+(99)	ng/g	0.323	0.0047	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0152	0.0045	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0472	0.0034	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.106	0.0036	0.059				7006939
PentaCB-(88)+(91)	ng/g	<0.0084 (1)	0.0084	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.323	0.0036	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0768	0.0043	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0039	0.0039	0.039				7006939
22'356'-PentaCB-(94)	ng/g	<0.0041	0.0041	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0814	0.0037	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0037	0.0037	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.0016	0.0016	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.189	0.0023	0.0099	0.0000300	0.00000567		7006939
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	<0.036 (1)	0.036	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.0116	0.0018	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.318	0.0038	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0033	0.0033	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0107	0.0023	0.0099	0.0000300	0.000000321		7006939
23'44'5-PentaCB-(118)	ng/g	0.586	0.0023	0.0099	0.0000300	0.0000176		7006939
23'455'-PentaCB-(120)	ng/g	<0.0035	0.0035	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0032	0.0032	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0096	0.0024	0.0099	0.0000300	0.000000288		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.0099	0.100	0.000220		7006939
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0484	0.0033	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.568	0.0035	0.030				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0207	0.0043	0.0099				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0042	0.0042	0.0099				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0329	0.0038	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0089	0.0036	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0079	0.0038	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0931	0.0063	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0077 (1)	0.0077	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0335	0.0042	0.0099				7006939
HexaCB-(139)+(140)	ng/g	0.0064	0.0033	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0426	0.0034	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	0.0081	0.0070	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0047	0.0047	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0847	0.0035	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0981	0.0032	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0061	0.0061	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0043	0.0043	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0044	0.0044	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.555	0.0029	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0055	0.0055	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0650	0.0041	0.020	0.0000300	0.00000195		7006939
233'44'6-HexaCB-(158)	ng/g	0.0448	0.0026	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0111	0.0026	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0030	0.0030	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0267	0.0038	0.0099	0.0000300	0.000000801		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0040	0.0040	0.0099	0.0300	0.000120		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0381	0.0036	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0151	0.0040	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0091	0.0043	0.0099				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0113	0.0036	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0032	0.0032	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0024	0.0024	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0123	0.0041	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0170	0.0032	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0127	0.0023	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.122	0.0034	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0042	0.0042	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0031	0.0031	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0352	0.0035	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0049	0.0049	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.104	0.0030	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0038	0.0038	0.0099	0.0000300	0.000000114		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0107	0.0034	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0033	0.0033	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0035	0.0035	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	<0.011 (1)	0.011	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0040 (1)	0.0040	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0083	0.0060	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0055	0.0055	0.0099				7006939
OctaCB-(198)+(199)	ng/g	0.0126	0.0051	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0027	0.0027	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0038	0.0038	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0049	0.0034	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0093	0.0043	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0038	0.0038	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0032	0.0032	0.0099				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0099				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0099				7006939
DecaCB-(209)	ng/g	<0.0015	0.0015	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000369		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	70						7006939
C13-22'33'44'5-HeptaCB-(170)	%	95						7006939
C13-22'33'455'66'-NonaCB-(208)	%	78						7006939
C13-22'33'55'66'-OctaCB-(202)	%	92						7006939
C13-22'33'55'6-HeptaCB-(178)	%	95						7006939
C13-22'344'55'-HeptaCB-(180)	%	90						7006939
C13-22'34'566'-HeptaCB-(188)	%	63						7006939
C13-22'44'66'-HexaCB-(155)	%	62						7006939
C13-22'466'-PentaCB-(104)	%	55						7006939
C13-22'66'-TetraCB-(54)	%	48						7006939
C13-22'6-TriCB-(19)	%	52						7006939
C13-22'-DiCB-(4)	%	49						7006939
C13-233'44'55'6-OctaCB-(205)	%	75						7006939
C13-233'44'55'-HeptaCB-(189)	%	90						7006939
C13-233'44'-PentaCB-(105)	%	74						7006939
C13-233'55'-PentaCB-(111)	%	87						7006939
C13-23'44'55'-HexaCB-(167)	%	78						7006939
C13-2344'5-PentaCB-(114)	%	75						7006939
C13-23'44'5-PentaCB-(118)	%	78						7006939
C13-2'344'5-PentaCB-(123)	%	79						7006939
C13-2-MonoCB-(1)	%	43						7006939
C13-33'44'55'-HexaCB-(169)	%	67						7006939
C13-33'44'5-PentaCB-(126)	%	80						7006939
C13-33'44'-TetraCB-(77)	%	76						7006939
C13-344'5-TetraCB-(81)	%	77						7006939
C13-344'-TriCB-(37)	%	73						7006939

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	66						7006939
C13-4-MonoCB-(3)	%	49						7006939
C13-DecaCB-(209)	%	73						7006939
C13-HexaCB-(156)+(157)	%	73						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0098				7006939
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0098				7006939
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0098				7006939
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0098				7006939
2,3-DiCB-(5)	ng/g	<0.00098	0.00098	0.0098				7006939
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0098				7006939
2,4-DiCB-(7)	ng/g	<0.00099	0.00099	0.0098				7006939
2,4'-DiCB-(8)	ng/g	<0.0010	0.0010	0.0098				7006939
2,5-DiCB-(9)	ng/g	<0.00099	0.00099	0.0098				7006939
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0098				7006939
3,3'-DiCB-(11)	ng/g	<0.0011	0.0011	0.0098				7006939
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0098				7006939
4,4'-DiCB-(15)	ng/g	<0.0020	0.0020	0.0098				7006939
22'3-TriCB-(16)	ng/g	<0.0038	0.0038	0.0098				7006939
22'4-TriCB-(17)	ng/g	<0.0034	0.0034	0.0098				7006939
TriCB-(18)+(30)	ng/g	<0.0036 (1)	0.0036	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0033	0.0033	0.0098				7006939
TriCB-(20) + (28)	ng/g	<0.012 (1)	0.012	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020				7006939
234'-TriCB-(22)	ng/g	0.0030	0.0016	0.0098				7006939
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0098				7006939
236-TriCB-(24)	ng/g	<0.0028	0.0028	0.0098				7006939
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.0098				7006939
TriCB-(26)+(29)	ng/g	0.0021	0.0016	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0024	0.0024	0.0098				7006939
24'5-TriCB-(31)	ng/g	0.0127	0.0016	0.0098				7006939
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0098				7006939
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0098				7006939
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0098				7006939
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0098				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0031	0.0031	0.0098				7006939
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0098				7006939
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0098				7006939
TetraCB-(40)+(41)+(71)	ng/g	<0.0026	0.0026	0.030				7006939
22'34'-TetraCB-(42)	ng/g	<0.0033 (1)	0.0033	0.0098				7006939
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0098				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0295	0.0024	0.030				7006939
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0098				7006939
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0098				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0245	0.0024	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0561	0.0024	0.0098				7006939
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.0098				7006939
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0098				7006939
233'4'-Tetra CB(56)	ng/g	0.0069	0.0027	0.0098				7006939
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0098				7006939
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.0098				7006939
TetraCB-(59)+(62)+(75)	ng/g	<0.0022 (1)	0.0022	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0093	0.0026	0.0098				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0840	0.0023	0.039				7006939
234'5-TetraCB-(63)	ng/g	<0.0023	0.0023	0.0098				7006939
234'6-TetraCB-(64)	ng/g	0.0147	0.0022	0.0098				7006939
23'44'-TetraCB-(66)	ng/g	0.0556	0.0026	0.0098				7006939
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0098				7006939
23'45'-TetraCB-(68)	ng/g	<0.0024	0.0024	0.0098				7006939
23'55'-TetraCB-(72)	ng/g	<0.0025	0.0025	0.0098				7006939
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0098				7006939
33'44'-TetraCB-(77)	ng/g	<0.0035	0.0035	0.0098	0.000100	0.000000350		7006939
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.0098				7006939
33'45'-TetraCB(79)	ng/g	<0.0022	0.0022	0.0098				7006939
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0098				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.0098	0.000300	0.00000102		7006939
22'33'4-PentaCB-(82)	ng/g	0.0044	0.0035	0.0098				7006939
PentaCB-(83)+(99)	ng/g	0.182	0.0035	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0094	0.0034	0.0098				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0336	0.0025	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0587	0.0027	0.059				7006939
PentaCB-(88)+(91)	ng/g	<0.0051 (1)	0.0051	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0098				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.166	0.0027	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0393	0.0032	0.0098				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0030	0.0030	0.039				7006939
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0098				7006939
22'35'6-PentaCB-(95)	ng/g	0.0432	0.0028	0.0098				7006939
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0098				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0098				7006939
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0098				7006939
233'44'-PentaCB-(105)	ng/g	0.0974	0.0023	0.0098	0.0000300	0.00000292		7006939
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0098				7006939
233'4'5-PentaCB-(107)	ng/g	0.0173	0.0016	0.0098				7006939
PentaCB-(108)+(124)	ng/g	0.0055	0.0018	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.162	0.0029	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.0098				7006939
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0098				7006939
2344'5-PentaCB-(114)	ng/g	0.0055	0.0023	0.0098	0.0000300	0.000000165		7006939
23'44'5-PentaCB-(118)	ng/g	0.293	0.0023	0.0098	0.0000300	0.00000879		7006939
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0098				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0098				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0098				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0055	0.0025	0.0098	0.0000300	0.000000165		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0022	0.0022	0.0098	0.100	0.000220		7006939
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0098				7006939
HexaCB-(128)+(166)	ng/g	0.0490	0.0025	0.020				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.357	0.0027	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0108	0.0033	0.0098				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0098				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0194	0.0029	0.0098				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0061	0.0027	0.0098				7006939
HexaCB-(134)+(143)	ng/g	<0.0038 (1)	0.0038	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0576	0.0085	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0062	0.0062	0.0098				7006939
22'344'5-HexaCB-(137)	ng/g	0.0215	0.0032	0.0098				7006939
HexaCB-(139)+(140)	ng/g	0.0039	0.0026	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0259	0.0026	0.0098				7006939
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0098				7006939
22'345'6-HexaCB-(144)	ng/g	<0.0094	0.0094	0.0098				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0063	0.0063	0.0098				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0499	0.0027	0.0098				7006939
HexaCB-(147)+(149)	ng/g	0.0554	0.0025	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0082	0.0082	0.0098				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.0098				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0059	0.0059	0.0098				7006939
HexaCB-(153)+(168)	ng/g	0.366	0.0022	0.0098				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0074	0.0074	0.0098				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0039	0.0039	0.0098				7006939
HexaCB-(156)+(157)	ng/g	0.0363	0.0034	0.020	0.0000300	0.00000109		7006939
233'44'6-HexaCB-(158)	ng/g	0.0260	0.0020	0.0098				7006939
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.0098				7006939
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0098				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0098				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.0098				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0056	0.0020	0.0098				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0098				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0159	0.0032	0.0098	0.0000300	0.000000477		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0034	0.0034	0.0098	0.0300	0.000102		7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0371	0.0026	0.0098				7006939
HeptaCB-(171)+(173)	ng/g	0.0146	0.0028	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0065	0.0031	0.0098				7006939
22'33'456'-HeptaCB-(174)	ng/g	<0.0087 (1)	0.0087	0.0098				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0053	0.0053	0.0098				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0040	0.0040	0.0098				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0063	0.0029	0.0098				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0151	0.0053	0.0098				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0114	0.0038	0.0098				7006939
HeptaCB-(180)+(193)	ng/g	0.0951	0.0024	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0098				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0052	0.0052	0.0098				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0330	0.0025	0.0098				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0037	0.0037	0.0098				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0035	0.0035	0.0098				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0039	0.0039	0.0098				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0673	0.0051	0.0098				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.0098				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.0098	0.0000300	0.0000000660		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0075	0.0024	0.0098				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0098				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0098				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0121	0.0029	0.0098				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0048	0.0029	0.0098				7006939
22'33'44'56'-OctaCB-(196)	ng/g	<0.0077	0.0077	0.0098				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0070	0.0070	0.0098				7006939
OctaCB-(198)+(199)	ng/g	0.0181	0.0065	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0098				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0048	0.0048	0.0098				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0044	0.0044	0.0098				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0101	0.0054	0.0098				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0049	0.0049	0.0098				7006939

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0098				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0033	0.0033	0.0098				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.0098				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0034	0.0034	0.0098				7006939
DecaCB-(209)	ng/g	<0.0015	0.0015	0.0098				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000337		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	69						7006939
C13-22'33'44'5-HeptaCB-(170)	%	90						7006939
C13-22'33'455'66'-NonaCB-(208)	%	83						7006939
C13-22'33'55'66'-OctaCB-(202)	%	91						7006939
C13-22'33'55'6-HeptaCB-(178)	%	89						7006939
C13-22'344'55'-HeptaCB-(180)	%	90						7006939
C13-22'34'566'-HeptaCB-(188)	%	62						7006939
C13-22'44'66'-HexaCB-(155)	%	66						7006939
C13-22'466'-PentaCB-(104)	%	57						7006939
C13-22'66'-TetraCB-(54)	%	50						7006939
C13-22'6-TriCB-(19)	%	42						7006939
C13-22'-DiCB-(4)	%	38						7006939
C13-233'44'55'6-OctaCB-(205)	%	74						7006939
C13-233'44'55'-HeptaCB-(189)	%	91						7006939
C13-233'44'-PentaCB-(105)	%	80						7006939
C13-233'55'-PentaCB-(111)	%	92						7006939
C13-23'44'55'-HexaCB-(167)	%	80						7006939
C13-2344'5-PentaCB-(114)	%	78						7006939
C13-23'44'5-PentaCB-(118)	%	82						7006939
C13-2'344'5-PentaCB-(123)	%	82						7006939
C13-2-MonoCB-(1)	%	35						7006939
C13-33'44'55'-HexaCB-(169)	%	74						7006939
C13-33'44'5-PentaCB-(126)	%	82						7006939
C13-33'44'-TetraCB-(77)	%	83						7006939
C13-344'5-TetraCB-(81)	%	77						7006939

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	77						7006939
C13-44'-DiCB-(15)	%	61						7006939
C13-4-MonoCB-(3)	%	42						7006939
C13-DecaCB-(209)	%	70						7006939
C13-HexaCB-(156)+(157)	%	76						7006939

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00098	0.00098	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00081	0.00081	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00095	0.00095	0.010				7006939
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.00065	0.00065	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.00067	0.00067	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.00066	0.00066	0.010				7006939
2,4'-DiCB-(8)	ng/g	<0.00070	0.00070	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.00066	0.00066	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.010				7006939
3,3'-DiCB-(11)	ng/g	<0.00075	0.00075	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.00073	0.00073	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00069	0.00069	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.0032	0.0032	0.010				7006939
22'4-TriCB-(17)	ng/g	<0.0029	0.0029	0.010				7006939
TriCB-(18)+(30)	ng/g	<0.0041 (1)	0.0041	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0196	0.0013	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020				7006939
234'-TriCB-(22)	ng/g	0.0028	0.0014	0.010				7006939
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.010				7006939
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.010				7006939
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.010				7006939
TriCB-(26)+(29)	ng/g	<0.0032 (1)	0.0032	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0124	0.0013	0.010				7006939
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010				7006939

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0026	0.0026	0.010				7006939
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0038	0.0022	0.030				7006939
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.0024	0.0024	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0373	0.0021	0.030				7006939
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.010				7006939
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0269	0.0020	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0021	0.0021	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0666	0.0021	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0094	0.0029	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.0026	0.0026	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.0038	0.0017	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0154	0.0029	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.115	0.0025	0.040				7006939
234'5-TetraCB-(63)	ng/g	<0.0025	0.0025	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0166	0.0019	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.0765	0.0029	0.010				7006939
23'45-TetraCB-(67)	ng/g	<0.0023	0.0023	0.010				7006939
23'45'-TetraCB-(68)	ng/g	<0.0026	0.0026	0.010				7006939
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.010				7006939
33'44'-TetraCB-(77)	ng/g	<0.0039	0.0039	0.010	0.000100	0.000000390		7006939
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.010				7006939
33'45'-TetraCB(79)	ng/g	<0.0025	0.0025	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.010				7006939
344'5-TetraCB-(81)	ng/g	<0.0037	0.0037	0.010	0.000300	0.00000111		7006939

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0039	0.0039	0.010				7006939
PentaCB-(83)+(99)	ng/g	0.217	0.0040	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0083	0.0038	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0363	0.0029	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0558	0.0030	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0059	0.0033	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.158	0.0030	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0454	0.0036	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.0444	0.0031	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.0026	0.0026	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.128	0.0020	0.010	0.0000300	0.00000384		7006939
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0159	0.0014	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.0078	0.0015	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.150	0.0032	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0028	0.0028	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.0082	0.0019	0.010	0.0000300	0.000000246		7006939
23'44'5-PentaCB-(118)	ng/g	0.365	0.0020	0.010	0.0000300	0.0000110		7006939
23'455'-PentaCB-(120)	ng/g	<0.0030	0.0030	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0080	0.0021	0.010	0.0000300	0.000000240		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.010	0.100	0.000190		7006939
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0378	0.0021	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.336	0.0022	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0054	0.0027	0.010				7006939

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0027	0.0027	0.010				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0125	0.0024	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0046	0.0023	0.010				7006939
HexaCB-(134)+(143)	ng/g	0.0039	0.0025	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0529	0.0076	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0055	0.0055	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0077	0.0027	0.010				7006939
HexaCB-(139)+(140)	ng/g	<0.0039 (1)	0.0039	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0261	0.0022	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	<0.0084	0.0084	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0056	0.0056	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0287	0.0022	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.0343	0.0021	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0074	0.0074	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0051	0.0051	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0053	0.0053	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.352	0.0019	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0066	0.0066	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0035	0.0035	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0436	0.0017	0.020	0.0000300	0.00000131		7006939
233'44'6-HexaCB-(158)	ng/g	0.0310	0.0017	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0130	0.0016	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0177	0.0016	0.010	0.0000300	0.000000531		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.010	0.0300	0.0000510		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0320	0.0027	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0132	0.0030	0.020				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0049	0.0032	0.010				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0071	0.0027	0.010				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0032	0.0032	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0031	0.0031	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0120	0.0042	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0084	0.0031	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.0918	0.0025	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0031	0.0031	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0295	0.0026	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0037	0.0037	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0382	0.0040	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0069	0.0026	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0024	0.0024	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0026	0.0026	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0124	0.0026	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0041	0.0026	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0082	0.0080	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0073	0.0073	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0100	0.0068	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0050	0.0050	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0045	0.0045	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0099	0.0057	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0051	0.0051	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0028	0.0028	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0017	0.0017	0.010				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0013	0.0013	0.010				7006939

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0017	0.0017	0.010				7006939
DecaCB-(209)	ng/g	<0.0015	0.0015	0.010				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000260		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	76						7006939
C13-22'33'44'5-HeptaCB-(170)	%	98						7006939
C13-22'33'455'66'-NonaCB-(208)	%	80						7006939
C13-22'33'55'66'-OctaCB-(202)	%	85						7006939
C13-22'33'55'6-HeptaCB-(178)	%	82						7006939
C13-22'344'55'-HeptaCB-(180)	%	96						7006939
C13-22'34'566'-HeptaCB-(188)	%	69						7006939
C13-22'44'66'-HexaCB-(155)	%	67						7006939
C13-22'466'-PentaCB-(104)	%	61						7006939
C13-22'66'-TetraCB-(54)	%	51						7006939
C13-22'6-TriCB-(19)	%	46						7006939
C13-22'-DiCB-(4)	%	45						7006939
C13-233'44'55'6-OctaCB-(205)	%	70						7006939
C13-233'44'55'-HeptaCB-(189)	%	98						7006939
C13-233'44'-PentaCB-(105)	%	85						7006939
C13-233'55'-PentaCB-(111)	%	83						7006939
C13-23'44'55'-HexaCB-(167)	%	82						7006939
C13-2344'5-PentaCB-(114)	%	82						7006939
C13-23'44'5-PentaCB-(118)	%	90						7006939
C13-2'344'5-PentaCB-(123)	%	85						7006939
C13-2-MonoCB-(1)	%	42						7006939
C13-33'44'55'-HexaCB-(169)	%	78						7006939
C13-33'44'5-PentaCB-(126)	%	87						7006939
C13-33'44'-TetraCB-(77)	%	86						7006939
C13-344'5-TetraCB-(81)	%	86						7006939
C13-344'-TriCB-(37)	%	87						7006939
C13-44'-DiCB-(15)	%	66						7006939
C13-4-MonoCB-(3)	%	47						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	65						7006939
C13-HexaCB-(156)+(157)	%	79						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00083	0.00083	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00097	0.00097	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.0011	0.0011	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0024	0.0024	0.0099				7006939
3,3'-DiCB-(11)	ng/g	<0.0012	0.0012	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099				7006939
TriCB-(18)+(30)	ng/g	<0.0044 (1)	0.0044	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0248	0.0018	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0017	0.0017	0.020				7006939
234'-TriCB-(22)	ng/g	0.0052	0.0019	0.0099				7006939
235-TriCB-(23)	ng/g	<0.0019	0.0019	0.0099				7006939
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099				7006939
23'4-TriCB-(25)	ng/g	<0.0018	0.0018	0.0099				7006939
TriCB-(26)+(29)	ng/g	0.0047	0.0018	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0211	0.0018	0.0099				7006939
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.0019	0.0019	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0099				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.0099				7006939
345-TriCB-(38)	ng/g	<0.0019	0.0019	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.0018	0.0018	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0032	0.0026	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0050	0.0029	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0028	0.0028	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0444	0.0024	0.030				7006939
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0414	0.0024	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.105	0.0025	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0138	0.0033	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.0027	0.0027	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.0048	0.0020	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0141	0.0032	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.137	0.0028	0.039				7006939
234'5-TetraCB-(63)	ng/g	0.0041	0.0028	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0242	0.0022	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.0969	0.0032	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	<0.0029	0.0029	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	<0.0030	0.0030	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	<0.0043	0.0043	0.0099	0.000100	0.000000430		7006939
33'45-TetraCB-(78)	ng/g	<0.0032	0.0032	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.0027	0.0027	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.0026	0.0026	0.0099				7006939
344'5-TetraCB-(81)	ng/g	<0.0041	0.0041	0.0099	0.000300	0.00000123		7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0061	0.0044	0.0099				7006939
PentaCB-(83)+(99)	ng/g	0.282	0.0045	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0115	0.0043	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0421	0.0032	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0929	0.0034	0.059				7006939
PentaCB-(88)+(91)	ng/g	0.0102	0.0037	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0041	0.0041	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.284	0.0034	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0620	0.0041	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0037	0.0037	0.039				7006939
22'356'-PentaCB-(94)	ng/g	<0.0039	0.0039	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0846	0.0035	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0035	0.0035	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.155	0.0024	0.0099	0.0000300	0.00000465		7006939
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.0279	0.0017	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.0103	0.0019	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.276	0.0037	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0031	0.0031	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.0026	0.0026	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0123	0.0024	0.0099	0.0000300	0.000000369		7006939
23'44'5-PentaCB-(118)	ng/g	0.445	0.0024	0.0099	0.0000300	0.0000134		7006939
23'455'-PentaCB-(120)	ng/g	<0.0034	0.0034	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0030	0.0030	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0068	0.0026	0.0099	0.0000300	0.000000204		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0099	0.100	0.000230		7006939
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0583	0.0029	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.509	0.0031	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0147	0.0038	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0038	0.0038	0.0099				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0302	0.0034	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0092	0.0032	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0074	0.0035	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.076	0.010	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0085	0.0075	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0268	0.0038	0.0099				7006939
HexaCB-(139)+(140)	ng/g	0.0049	0.0030	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0376	0.0031	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0075	0.0075	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0706	0.0031	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0992	0.0029	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0099	0.0099	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0069	0.0069	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0071	0.0071	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.515	0.0026	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0089	0.0089	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0047	0.0047	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0503	0.0038	0.020	0.0000300	0.00000151		7006939
233'44'6-HexaCB-(158)	ng/g	0.0336	0.0023	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.0026	0.0026	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0024	0.0024	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0100	0.0023	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0027	0.0027	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0182	0.0036	0.0099	0.0000300	0.000000546		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0038	0.0038	0.0099	0.0300	0.000114		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0419	0.0037	0.0099				7006939
HeptaCB-(171)+(173)	ng/g	0.0155	0.0041	0.020				7006939

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0066 (1)	0.0066	0.0099				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0166	0.0036	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0059	0.0059	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0045	0.0045	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0123	0.0042	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0186	0.0059	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0131	0.0043	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.114	0.0035	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0043	0.0043	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0058	0.0058	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0396	0.0036	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0041	0.0041	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0044	0.0044	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0971	0.0056	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0041	0.0041	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0032	0.0032	0.0099	0.0000300	0.000000096		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0086	0.0035	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0033	0.0033	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0138	0.0032	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0032	0.0032	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	<0.0069 (1)	0.0069	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0047	0.0047	0.0099				7006939
OctaCB-(198)+(199)	ng/g	<0.017	0.017	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0069	0.0029	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0108	0.0036	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0039	0.0039	0.0099				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0031	0.0031	0.0099				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0040	0.0040	0.0099				7006939
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000366		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	87						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	64						7006939
C13-22'33'44'5-HeptaCB-(170)	%	90						7006939
C13-22'33'455'66'-NonaCB-(208)	%	77						7006939
C13-22'33'55'66'-OctaCB-(202)	%	89						7006939
C13-22'33'55'6-HeptaCB-(178)	%	83						7006939
C13-22'344'55'-HeptaCB-(180)	%	89						7006939
C13-22'34'566'-HeptaCB-(188)	%	65						7006939
C13-22'44'66'-HexaCB-(155)	%	62						7006939
C13-22'466'-PentaCB-(104)	%	57						7006939
C13-22'66'-TetraCB-(54)	%	53						7006939
C13-22'6-TriCB-(19)	%	46						7006939
C13-22'-DiCB-(4)	%	42						7006939
C13-233'44'55'6-OctaCB-(205)	%	75						7006939
C13-233'44'55'-HeptaCB-(189)	%	95						7006939
C13-233'44'-PentaCB-(105)	%	82						7006939
C13-233'55'-PentaCB-(111)	%	79						7006939
C13-23'44'55'-HexaCB-(167)	%	81						7006939
C13-2344'5-PentaCB-(114)	%	81						7006939
C13-23'44'5-PentaCB-(118)	%	85						7006939
C13-2'344'5-PentaCB-(123)	%	83						7006939
C13-2-MonoCB-(1)	%	40						7006939
C13-33'44'55'-HexaCB-(169)	%	72						7006939
C13-33'44'5-PentaCB-(126)	%	87						7006939
C13-33'44'-TetraCB-(77)	%	87						7006939
C13-344'5-TetraCB-(81)	%	90						7006939
C13-344'-TriCB-(37)	%	81						7006939
C13-44'-DiCB-(15)	%	65						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	43						7006939
C13-DecaCB-(209)	%	67						7006939
C13-HexaCB-(156)+(157)	%	77						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00037	0.00037	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00035	0.00035	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00035	0.00035	0.010				7006939
22'-DiCB-(4)	ng/g	0.00071	0.00058	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.00060	0.00060	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.00061	0.00061	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.00058	0.00058	0.010				7006939
2,4'-DiCB-(8)	ng/g	<0.00066 (1)	0.00066	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.00060	0.00060	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.00060	0.00060	0.010				7006939
3,3'-DiCB-(11)	ng/g	0.00188	0.00062	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.00059	0.00059	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.00094	0.00094	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.0012	0.0012	0.010				7006939
22'4-TriCB-(17)	ng/g	<0.0011	0.0011	0.010				7006939
TriCB-(18)+(30)	ng/g	0.00456	0.00090	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.00090	0.00090	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0209	0.00050	0.020				7006939
TriCB-(21)+(33)	ng/g	0.00104	0.00055	0.020				7006939
234'-TriCB-(22)	ng/g	0.00477	0.00056	0.010				7006939
235-TriCB-(23)	ng/g	<0.00057	0.00057	0.010				7006939
236-TriCB-(24)	ng/g	<0.00088	0.00088	0.010				7006939
23'4-TriCB-(25)	ng/g	<0.0012 (1)	0.0012	0.010				7006939
TriCB-(26)+(29)	ng/g	<0.0037 (1)	0.0037	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.00076	0.00076	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0175	0.00050	0.010				7006939
24'6-TriCB-(32)	ng/g	0.00134	0.00075	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.00051	0.00051	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.00057	0.00057	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.00045	0.00045	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00096	0.00086	0.010				7006939
345-TriCB-(38)	ng/g	<0.00050	0.00050	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.00050	0.00050	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0032	0.0012	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0033	0.0014	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0365	0.0011	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0017	0.0012	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.010				7006939
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0291	0.0011	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0721	0.0011	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.00070	0.00070	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0093	0.0020	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00360	0.00092	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0111	0.0020	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.109	0.0018	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.0030	0.0018	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0171	0.00098	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.0571	0.0017	0.010				7006939
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.010				7006939
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.010				7006939
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00098	0.00098	0.010				7006939
33'44'-TetraCB-(77)	ng/g	<0.0023	0.0023	0.010	0.000100	0.000000230		7006939
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.010				7006939
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.010				7006939
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.010	0.000300	0.000000660		7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0025	0.0024	0.010				7006939
PentaCB-(83)+(99)	ng/g	0.202	0.0021	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0076	0.0022	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0388	0.0017	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0599	0.0018	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0067	0.0020	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.219	0.0017	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0451	0.0021	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.0557	0.0019	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.00071	0.00071	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.00057	0.00057	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.0959	0.0015	0.010	0.0000300	0.00000288		7006939
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0180	0.0011	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.0071	0.0013	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.181	0.0019	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.0060	0.0015	0.010	0.0000300	0.000000180		7006939
23'44'5-PentaCB-(118)	ng/g	0.300	0.0015	0.010	0.0000300	0.00000900		7006939
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0027	0.0017	0.010	0.0000300	0.0000000810		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.010	0.100	0.000150		7006939
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0548	0.0020	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.442	0.0022	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0076	0.0027	0.010				7006939

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.010				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0165	0.0024	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0070	0.0023	0.010				7006939
HexaCB-(134)+(143)	ng/g	<0.0026	0.0026	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0600	0.0029	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0053 (1)	0.0053	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0243	0.0027	0.010				7006939
HexaCB-(139)+(140)	ng/g	0.0044	0.0021	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0335	0.0023	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	0.0060	0.0032	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0468	0.0020	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.0590	0.0021	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.452	0.0018	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0046	0.0025	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0326	0.0027	0.020	0.0000300	0.000000978		7006939
233'44'6-HexaCB-(158)	ng/g	0.0289	0.0017	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0021	0.0021	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0040	0.0016	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0141	0.0026	0.010	0.0000300	0.000000423		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.010	0.0300	0.0000810		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0322	0.0021	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0128	0.0025	0.020				7006939

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0065	0.0027	0.010				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0059	0.0024	0.010				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0047	0.0026	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0140	0.0021	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0087	0.0015	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.0963	0.0022	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0300	0.0022	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0512	0.0020	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.010	0.0000300	0.0000000750		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0074	0.0023	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0023	0.0023	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0105	0.0019	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0044	0.0022	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0065	0.0035	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0097	0.0034	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0042	0.0024	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0095	0.0033	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.010				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.010				7006939
DecaCB-(209)	ng/g	<0.0055	0.0055	0.010				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000246		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	73						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	129						7006939
C13-22'33'44'5-HeptaCB-(170)	%	87						7006939
C13-22'33'455'66'-NonaCB-(208)	%	92						7006939
C13-22'33'55'66'-OctaCB-(202)	%	109						7006939
C13-22'33'55'6-HeptaCB-(178)	%	104						7006939
C13-22'344'55'-HeptaCB-(180)	%	89						7006939
C13-22'34'566'-HeptaCB-(188)	%	82						7006939
C13-22'44'66'-HexaCB-(155)	%	95						7006939
C13-22'466'-PentaCB-(104)	%	86						7006939
C13-22'66'-TetraCB-(54)	%	74						7006939
C13-22'6-TriCB-(19)	%	70						7006939
C13-22'-DiCB-(4)	%	67						7006939
C13-233'44'55'6-OctaCB-(205)	%	74						7006939
C13-233'44'55'-HeptaCB-(189)	%	70						7006939
C13-233'44'-PentaCB-(105)	%	54						7006939
C13-233'55'-PentaCB-(111)	%	84						7006939
C13-23'44'55'-HexaCB-(167)	%	56						7006939
C13-2344'5-PentaCB-(114)	%	52						7006939
C13-23'44'5-PentaCB-(118)	%	57						7006939
C13-2'344'5-PentaCB-(123)	%	54						7006939
C13-2-MonoCB-(1)	%	52						7006939
C13-33'44'55'-HexaCB-(169)	%	48						7006939
C13-33'44'5-PentaCB-(126)	%	50						7006939
C13-33'44'-TetraCB-(77)	%	51						7006939
C13-344'5-TetraCB-(81)	%	51						7006939
C13-344'-TriCB-(37)	%	55						7006939
C13-44'-DiCB-(15)	%	63						7006939
C13-4-MonoCB-(3)	%	57						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	92						7006939
C13-HexaCB-(156)+(157)	%	53						7006939

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RDL = Reportable Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00021	0.00021	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00020	0.00020	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00020	0.00020	0.010				7006939
22'-DiCB-(4)	ng/g	0.00068	0.00050	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.00039	0.00039	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.00040	0.00040	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.00038	0.00038	0.010				7006939
2,4'-DiCB-(8)	ng/g	0.00045	0.00039	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.00040	0.00040	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.00052	0.00052	0.010				7006939
3,3'-DiCB-(11)	ng/g	0.00163	0.00041	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.00039	0.00039	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00039	0.00039	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.00062	0.00062	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.0011	0.0011	0.010				7006939
22'4-TriCB-(17)	ng/g	<0.0010	0.0010	0.010				7006939
TriCB-(18)+(30)	ng/g	0.00355	0.00083	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.00083	0.00083	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0216	0.00044	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.00048	0.00048	0.020				7006939
234'-TriCB-(22)	ng/g	<0.0027 (1)	0.0027	0.010				7006939
235-TriCB-(23)	ng/g	<0.00051	0.00051	0.010				7006939
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.010				7006939
23'4-TriCB-(25)	ng/g	0.00104	0.00044	0.010				7006939
TriCB-(26)+(29)	ng/g	<0.0030 (1)	0.0030	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.00070	0.00070	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0147	0.00045	0.010				7006939
24'6-TriCB-(32)	ng/g	<0.00076 (1)	0.00076	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.00045	0.00045	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.00050	0.00050	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.00039	0.00039	0.010				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00115	0.00076	0.010				7006939
345-TriCB-(38)	ng/g	<0.00044	0.00044	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.00045	0.00045	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.00280	0.00081	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.00325	0.00094	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.00093	0.00093	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0472	0.00076	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.00142	0.00081	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.00092	0.00092	0.010				7006939
22'45-TetraCB-(48)	ng/g	<0.00081	0.00081	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0404	0.00074	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.00078	0.00078	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.108	0.00072	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.00063	0.00063	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.00076	0.00076	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0104	0.00075	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.00069	0.00069	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.00070	0.00070	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00395	0.00063	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0199	0.00073	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.171	0.00067	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00444	0.00068	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0220	0.00067	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.0932	0.00064	0.010				7006939
23'45-TetraCB-(67)	ng/g	<0.00057	0.00057	0.010				7006939
23'45'-TetraCB-(68)	ng/g	0.00146	0.00060	0.010				7006939
23'55'-TetraCB-(72)	ng/g	0.00208	0.00063	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00067	0.00067	0.010				7006939
33'44'-TetraCB-(77)	ng/g	0.00408	0.00085	0.010	0.000100	0.000000408		7006939
33'45-TetraCB-(78)	ng/g	<0.00071	0.00071	0.010				7006939
33'45'-TetraCB(79)	ng/g	<0.00057	0.00057	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.00060	0.00060	0.010				7006939
344'5-TetraCB-(81)	ng/g	<0.00083	0.00083	0.010	0.000300	0.000000249		7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0044	0.0013	0.010				7006939
PentaCB-(83)+(99)	ng/g	0.322	0.0012	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0112	0.0013	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0550	0.00093	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0883	0.00099	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0092	0.0011	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.353	0.00098	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0775	0.0012	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0011	0.0011	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.0639	0.0011	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.00055	0.00055	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.00098	0.00098	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.00044	0.00044	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.184	0.00075	0.010	0.0000300	0.00000552		7006939
233'45-PentaCB-(106)	ng/g	<0.00064	0.00064	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0310	0.00053	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.0135	0.00063	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.323	0.0011	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.00087	0.00087	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.00081	0.00081	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.0108	0.00075	0.010	0.0000300	0.000000324		7006939
23'44'5-PentaCB-(118)	ng/g	0.562	0.00075	0.010	0.0000300	0.0000169		7006939
23'455'-PentaCB-(120)	ng/g	0.00135	0.00090	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.00087	0.00087	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	0.00155	0.00070	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.00378	0.00082	0.010	0.0000300	0.000000113		7006939
33'44'5-PentaCB-(126)	ng/g	<0.00071	0.00071	0.010	0.100	0.0000710		7006939
33'455'-PentaCB-(127)	ng/g	<0.00065	0.00065	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0846	0.00069	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.679	0.00075	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0175	0.00091	0.010				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.00088	0.00088	0.010				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0294	0.00081	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.00982	0.00077	0.010				7006939
HexaCB-(134)+(143)	ng/g	0.00569	0.00087	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0856	0.0029	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0076	0.0021	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0367	0.00092	0.010				7006939
HexaCB-(139)+(140)	ng/g	0.00589	0.00071	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0528	0.00079	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.00085	0.00085	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	0.0071	0.0032	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0820	0.00068	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.0977	0.00070	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0021	0.0021	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.728	0.00061	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0065	0.0025	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0581	0.0011	0.020	0.0000300	0.00000174		7006939
233'44'6-HexaCB-(158)	ng/g	0.0486	0.00057	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.00090	0.00090	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.00072	0.00072	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.00062	0.00062	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	0.00289	0.00088	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0113	0.00056	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.00065	0.00065	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0240	0.0011	0.010	0.0000300	0.000000720		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.010	0.0300	0.0000330		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0509	0.00078	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0199	0.00094	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0103	0.00099	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0123	0.00088	0.010				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0014	0.0014	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	0.0019	0.0011	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0103	0.00098	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0230	0.0014	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0139	0.0010	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.152	0.00080	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.00090	0.00090	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0013	0.0013	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0449	0.00080	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.00095	0.00095	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.00097	0.00097	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0011	0.0011	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0972	0.0013	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0021 (1)	0.0021	0.010	0.0000300	0.0000000630		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0117	0.00086	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	0.00304	0.00080	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.00083	0.00083	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0159	0.0016	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0058	0.0018	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0096	0.0024	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0174	0.0023	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	0.0025	0.0016	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0069	0.0016	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0134	0.0022	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0017	0.0017	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	0.0039	0.0024	0.010				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.010				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.010				7006939
DecaCB-(209)	ng/g	<0.0016	0.0016	0.010				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000130		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	90						7006939
C13-22'33'44'5-HeptaCB-(170)	%	83						7006939
C13-22'33'455'66'-NonaCB-(208)	%	83						7006939
C13-22'33'55'66'-OctaCB-(202)	%	102						7006939
C13-22'33'55'6-HeptaCB-(178)	%	125						7006939
C13-22'344'55'-HeptaCB-(180)	%	87						7006939
C13-22'34'566'-HeptaCB-(188)	%	94						7006939
C13-22'44'66'-HexaCB-(155)	%	95						7006939
C13-22'466'-PentaCB-(104)	%	73						7006939
C13-22'66'-TetraCB-(54)	%	69						7006939
C13-22'6-TriCB-(19)	%	68						7006939
C13-22'-DiCB-(4)	%	66						7006939
C13-233'44'55'6-OctaCB-(205)	%	71						7006939
C13-233'44'55'-HeptaCB-(189)	%	67						7006939
C13-233'44'-PentaCB-(105)	%	58						7006939
C13-233'55'-PentaCB-(111)	%	87						7006939
C13-23'44'55'-HexaCB-(167)	%	68						7006939
C13-2344'5-PentaCB-(114)	%	57						7006939
C13-23'44'5-PentaCB-(118)	%	60						7006939
C13-2'344'5-PentaCB-(123)	%	58						7006939
C13-2-MonoCB-(1)	%	51						7006939
C13-33'44'55'-HexaCB-(169)	%	60						7006939
C13-33'44'5-PentaCB-(126)	%	56						7006939
C13-33'44'-TetraCB-(77)	%	59						7006939
C13-344'5-TetraCB-(81)	%	59						7006939
C13-344'-TriCB-(37)	%	56						7006939
C13-44'-DiCB-(15)	%	62						7006939
C13-4-MonoCB-(3)	%	56						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	88						7006939
C13-HexaCB-(156)+(157)	%	64						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00046	0.00046	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0012	0.0012	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.00050	0.00050	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.00051	0.00051	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.00049	0.00049	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.00065 (1)	0.00065	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.00051	0.00051	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0012	0.0012	0.0099				7006939
3,3'-DiCB-(11)	ng/g	0.00164	0.00052	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.00050	0.00050	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00049	0.00049	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.00079	0.00079	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0013	0.0013	0.0099				7006939
22'4-TriCB-(17)	ng/g	0.0012	0.0012	0.0099				7006939
TriCB-(18)+(30)	ng/g	0.00452	0.00093	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.00092	0.00092	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0193	0.00067	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.00074	0.00074	0.020				7006939
234'-TriCB-(22)	ng/g	0.00596	0.00076	0.0099				7006939
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.0099				7006939
236-TriCB-(24)	ng/g	<0.00091	0.00091	0.0099				7006939
23'4-TriCB-(25)	ng/g	0.00144	0.00067	0.0099				7006939
TriCB-(26)+(29)	ng/g	0.00463	0.00071	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.00078	0.00078	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0187	0.00068	0.0099				7006939
24'6-TriCB-(32)	ng/g	0.00139	0.00077	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.00069	0.00069	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.00061	0.00061	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099				7006939
345-TriCB-(38)	ng/g	<0.00068	0.00068	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.00068	0.00068	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	<0.0045 (1)	0.0045	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0049	0.0015	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0384	0.0012	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0020	0.0013	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0340	0.0012	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0751	0.0011	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.00092	0.00092	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0130	0.0018	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.0037	0.0010	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0097	0.0017	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.105	0.0016	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.0030	0.0016	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0197	0.0011	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.0513	0.0015	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0025	0.0020	0.0099	0.000100	0.000000250		7006939
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099				7006939

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600		7006939
22'33'4-PentaCB-(82)	ng/g	0.0051	0.0024	0.0099				7006939
PentaCB-(83)+(99)	ng/g	0.131	0.0021	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0111	0.0022	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0192	0.0016	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0530	0.0017	0.059				7006939
PentaCB-(88)+(91)	ng/g	0.0080	0.0020	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.161	0.0017	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0355	0.0021	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0019	0.0019	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0483	0.0019	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.00074	0.00074	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.00059	0.00059	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.0613	0.0014	0.0099	0.0000300	0.00000184		7006939
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.0139	0.00097	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.0043	0.0011	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.169	0.0019	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0040	0.0014	0.0099	0.0000300	0.000000120		7006939
23'44'5-PentaCB-(118)	ng/g	0.223	0.0014	0.0099	0.0000300	0.00000669		7006939
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0019	0.0015	0.0099	0.0000300	0.0000000570		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0099	0.100	0.000130		7006939
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0190	0.0018	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.216	0.0020	0.030				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0083	0.0025	0.0099				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.0099				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0192	0.0022	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0045	0.0021	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0041	0.0023	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0423	0.0020	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0057	0.0015	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0104	0.0025	0.0099				7006939
HexaCB-(139)+(140)	ng/g	<0.0019	0.0019	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0195	0.0021	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0023	0.0023	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	0.0056	0.0022	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0317	0.0018	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0556	0.0019	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.231	0.0016	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0018	0.0018	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.00097	0.00097	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0216	0.0020	0.020	0.0000300	0.000000648		7006939
233'44'6-HexaCB-(158)	ng/g	<0.016 (1)	0.016	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0042	0.0015	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0094	0.0020	0.0099	0.0000300	0.000000282		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0099	0.0300	0.0000630		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0162	0.0016	0.0099				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0067	0.0019	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0039	0.0020	0.0099				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0066	0.0018	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0022	0.0022	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0017	0.0017	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0057	0.0020	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0081	0.0022	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0071	0.0016	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.0488	0.0016	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0022	0.0022	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0163	0.0016	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0015	0.0015	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0363	0.0021	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0045	0.0017	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016	0.0016	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0052	0.0036	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	<0.0038	0.0038	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0099				7006939
OctaCB-(198)+(199)	ng/g	0.0059	0.0037	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0046	0.0036	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0036	0.0036	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0046	0.0046	0.0099				7006939

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0040	0.0040	0.0099				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0048	0.0048	0.0099				7006939
DecaCB-(209)	ng/g	<0.0042	0.0042	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000204		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	58						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	83						7006939
C13-22'33'44'5-HeptaCB-(170)	%	92						7006939
C13-22'33'455'66'-NonaCB-(208)	%	87						7006939
C13-22'33'55'66'-OctaCB-(202)	%	113						7006939
C13-22'33'55'6-HeptaCB-(178)	%	92						7006939
C13-22'344'55'-HeptaCB-(180)	%	95						7006939
C13-22'34'566'-HeptaCB-(188)	%	96						7006939
C13-22'44'66'-HexaCB-(155)	%	103						7006939
C13-22'466'-PentaCB-(104)	%	82						7006939
C13-22'66'-TetraCB-(54)	%	71						7006939
C13-22'6-TriCB-(19)	%	69						7006939
C13-22'-DiCB-(4)	%	66						7006939
C13-233'44'55'6-OctaCB-(205)	%	72						7006939
C13-233'44'55'-HeptaCB-(189)	%	66						7006939
C13-233'44'-PentaCB-(105)	%	55						7006939
C13-233'55'-PentaCB-(111)	%	68						7006939
C13-23'44'55'-HexaCB-(167)	%	63						7006939
C13-2344'5-PentaCB-(114)	%	55						7006939
C13-23'44'5-PentaCB-(118)	%	51						7006939
C13-2'344'5-PentaCB-(123)	%	58						7006939
C13-2-MonoCB-(1)	%	53						7006939
C13-33'44'55'-HexaCB-(169)	%	50						7006939
C13-33'44'5-PentaCB-(126)	%	49						7006939
C13-33'44'-TetraCB-(77)	%	52						7006939
C13-344'5-TetraCB-(81)	%	53						7006939
C13-344'-TriCB-(37)	%	57						7006939
C13-44'-DiCB-(15)	%	65						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	58						7006939
C13-DecaCB-(209)	%	88						7006939
C13-HexaCB-(156)+(157)	%	59						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00040	0.00040	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00038	0.00038	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00039	0.00039	0.0099				7006939
22'-DiCB-(4)	ng/g	0.00069	0.00054	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.00040	0.00040	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.00040	0.00040	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.00039	0.00039	0.0099				7006939
2,4'-DiCB-(8)	ng/g	0.00078	0.00039	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.00040	0.00040	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.00056	0.00056	0.0099				7006939
3,3'-DiCB-(11)	ng/g	0.00185	0.00041	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.00039	0.00039	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00039	0.00039	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.00062	0.00062	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.00086	0.00086	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.00079	0.00079	0.0099				7006939
TriCB-(18)+(30)	ng/g	<0.0032 (1)	0.0032	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.00062	0.00062	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0172	0.00033	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.00036	0.00036	0.020				7006939
234'-TriCB-(22)	ng/g	0.00407	0.00037	0.0099				7006939
235-TriCB-(23)	ng/g	<0.00038	0.00038	0.0099				7006939
236-TriCB-(24)	ng/g	<0.00061	0.00061	0.0099				7006939
23'4-TriCB-(25)	ng/g	0.00122	0.00033	0.0099				7006939
TriCB-(26)+(29)	ng/g	0.00343	0.00035	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.00053	0.00053	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0152	0.00034	0.0099				7006939
24'6-TriCB-(32)	ng/g	0.00102	0.00052	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.00034	0.00034	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.00038	0.00038	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.00030	0.00030	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00098	0.00057	0.0099				7006939
345-TriCB-(38)	ng/g	<0.00033	0.00033	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.00034	0.00034	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.00287	0.00083	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.00349	0.00097	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.00095	0.00095	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0378	0.00078	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.00171	0.00083	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.00094	0.00094	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.00083	0.00083	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0338	0.00076	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.00080	0.00080	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0798	0.00074	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.00089	0.00089	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0106	0.0011	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.00097	0.00097	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.00099	0.00099	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00369	0.00065	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0125	0.0010	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.116	0.00095	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00321	0.00096	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0191	0.00069	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.0688	0.00090	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.00080	0.00080	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	<0.0010 (1)	0.0010	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	0.00129	0.00089	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00069	0.00069	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0029	0.0012	0.0099	0.000100	0.000000290		7006939
33'45-TetraCB-(78)	ng/g	<0.00099	0.00099	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.00081	0.00081	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.00084	0.00084	0.0099				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0099	0.000300	0.000000360		7006939
22'33'4-PentaCB-(82)	ng/g	0.0042	0.0016	0.0099				7006939
PentaCB-(83)+(99)	ng/g	0.185	0.0014	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0096	0.0015	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0329	0.0011	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0647	0.0012	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0080	0.0013	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.214	0.0011	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0442	0.0014	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0013	0.0013	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0595	0.0013	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.00062	0.00062	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.0996	0.0010	0.0099	0.0000300	0.00000299		7006939
233'45-PentaCB-(106)	ng/g	<0.00086	0.00086	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.0158	0.00072	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.00746	0.00085	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.206	0.0012	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.00095	0.00095	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0060	0.0010	0.0099	0.0000300	0.000000180		7006939
23'44'5-PentaCB-(118)	ng/g	0.289	0.0010	0.0099	0.0000300	0.00000867		7006939
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.00095	0.00095	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0031	0.0011	0.0099	0.0000300	0.0000000930		7006939
33'44'5-PentaCB-(126)	ng/g	<0.00096	0.00096	0.0099	0.100	0.0000960		7006939
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0377	0.0018	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.294	0.0019	0.030				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0093	0.0023	0.0099				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0022	0.0022	0.0099				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0233	0.0021	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0058	0.0020	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0038	0.0022	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0507	0.0023	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0065	0.0017	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0153	0.0023	0.0099				7006939
HexaCB-(139)+(140)	ng/g	0.0037	0.0018	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0319	0.0020	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	0.0060	0.0025	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0432	0.0017	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0682	0.0018	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0022	0.0022	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.350	0.0015	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0046	0.0020	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0298	0.0011	0.020	0.0000300	0.000000894		7006939
233'44'6-HexaCB-(158)	ng/g	0.0267	0.0015	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.00084	0.00084	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0018	0.0018	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	0.00160	0.00082	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0099	0.0014	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0017	0.0017	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0124	0.0010	0.0099	0.0000300	0.000000372		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0011	0.0011	0.0099	0.0300	0.0000330		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0261	0.0011	0.0099				7006939
HeptaCB-(171)+(173)	ng/g	0.0106	0.0013	0.020				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0057	0.0014	0.0099				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0089	0.0012	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0020	0.0020	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0015	0.0015	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0067	0.0014	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0106	0.0020	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0086	0.0015	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.0787	0.0011	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0013	0.0013	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0226	0.0011	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0534	0.0019	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0060	0.0012	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0011	0.0011	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0082	0.0017	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0034	0.0019	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0057	0.0023	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0016	0.0016	0.0099				7006939
OctaCB-(198)+(199)	ng/g	0.0116	0.0022	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0015	0.0015	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	0.0017	0.0016	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0040	0.0015	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0077	0.0021	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.0099				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.0099				7006939
DecaCB-(209)	ng/g	<0.0030	0.0030	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000143		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	76						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	83						7006939
C13-22'33'44'5-HeptaCB-(170)	%	85						7006939
C13-22'33'455'66'-NonaCB-(208)	%	90						7006939
C13-22'33'55'66'-OctaCB-(202)	%	102						7006939
C13-22'33'55'6-HeptaCB-(178)	%	122						7006939
C13-22'344'55'-HeptaCB-(180)	%	86						7006939
C13-22'34'566'-HeptaCB-(188)	%	96						7006939
C13-22'44'66'-HexaCB-(155)	%	96						7006939
C13-22'466'-PentaCB-(104)	%	78						7006939
C13-22'66'-TetraCB-(54)	%	74						7006939
C13-22'6-TriCB-(19)	%	73						7006939
C13-22'-DiCB-(4)	%	72						7006939
C13-233'44'55'6-OctaCB-(205)	%	71						7006939
C13-233'44'55'-HeptaCB-(189)	%	67						7006939
C13-233'44'-PentaCB-(105)	%	59						7006939
C13-233'55'-PentaCB-(111)	%	91						7006939
C13-23'44'55'-HexaCB-(167)	%	66						7006939
C13-2344'5-PentaCB-(114)	%	60						7006939
C13-23'44'5-PentaCB-(118)	%	57						7006939
C13-2'344'5-PentaCB-(123)	%	61						7006939
C13-2-MonoCB-(1)	%	55						7006939
C13-33'44'55'-HexaCB-(169)	%	60						7006939
C13-33'44'5-PentaCB-(126)	%	57						7006939
C13-33'44'-TetraCB-(77)	%	60						7006939
C13-344'5-TetraCB-(81)	%	59						7006939
C13-344'-TriCB-(37)	%	61						7006939
C13-44'-DiCB-(15)	%	67						7006939
C13-4-MonoCB-(3)	%	61						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	87						7006939
C13-HexaCB-(156)+(157)	%	68						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00037	0.00037	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00035	0.00035	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00035	0.00035	0.010				7006939
22'-DiCB-(4)	ng/g	<0.00051 (1)	0.00051	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.00053	0.00053	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.00054	0.00054	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.00051	0.00051	0.010				7006939
2,4'-DiCB-(8)	ng/g	0.00063	0.00052	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.00053	0.00053	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.00040	0.00040	0.010				7006939
3,3'-DiCB-(11)	ng/g	<0.0017 (1)	0.0017	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.00052	0.00052	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.00052	0.00052	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.00083	0.00083	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.00077	0.00077	0.010				7006939
22'4-TriCB-(17)	ng/g	0.00109	0.00070	0.010				7006939
TriCB-(18)+(30)	ng/g	<0.0034 (1)	0.0034	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.00055	0.00055	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0182	0.00045	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0012 (1)	0.0012	0.020				7006939
234'-TriCB-(22)	ng/g	0.00427	0.00052	0.010				7006939
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.010				7006939
236-TriCB-(24)	ng/g	<0.00055	0.00055	0.010				7006939
23'4-TriCB-(25)	ng/g	0.00094	0.00045	0.010				7006939
TriCB-(26)+(29)	ng/g	0.00308	0.00048	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.00047	0.00047	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0143	0.00046	0.010				7006939
24'6-TriCB-(32)	ng/g	0.00098	0.00046	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.00047	0.00047	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.00052	0.00052	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.00041	0.00041	0.010				7006939

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00160	0.00079	0.010				7006939
345-TriCB-(38)	ng/g	<0.00046	0.00046	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.00046	0.00046	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.00463	0.00084	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.00349	0.00098	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.00097	0.00097	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0384	0.00079	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.00168	0.00085	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.00096	0.00096	0.010				7006939
22'45-TetraCB-(48)	ng/g	0.00160	0.00084	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0304	0.00077	0.020				7006939
TetraCB-(50)+(53)	ng/g	0.00083	0.00082	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0739	0.00076	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.00057	0.00057	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.00080	0.00080	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0146	0.00078	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.00072	0.00072	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.00073	0.00073	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00386	0.00066	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0176	0.00076	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.136	0.00070	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00367	0.00071	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0192	0.00070	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.0772	0.00067	0.010				7006939
23'45-TetraCB-(67)	ng/g	<0.00059	0.00059	0.010				7006939
23'45'-TetraCB-(68)	ng/g	0.00124	0.00063	0.010				7006939
23'55'-TetraCB-(72)	ng/g	0.00151	0.00066	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00070	0.00070	0.010				7006939
33'44'-TetraCB-(77)	ng/g	<0.0035 (1)	0.0035	0.010	0.000100	0.000000350		7006939
33'45-TetraCB-(78)	ng/g	<0.00074	0.00074	0.010				7006939
33'45'-TetraCB(79)	ng/g	<0.00060	0.00060	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.010				7006939

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.00086	0.00086	0.010	0.000300	0.000000258		7006939
22'33'4-PentaCB-(82)	ng/g	0.0038	0.0015	0.010				7006939
PentaCB-(83)+(99)	ng/g	0.206	0.0014	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0097	0.0014	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0348	0.0011	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0642	0.0011	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0068	0.0013	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.233	0.0011	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0507	0.0014	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0020	0.0013	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.0520	0.0012	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.00060	0.00060	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0011	0.0011	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.00048	0.00048	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.123	0.00082	0.010	0.0000300	0.00000369		7006939
233'45-PentaCB-(106)	ng/g	<0.00069	0.00069	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0222	0.00058	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.00880	0.00069	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.223	0.0012	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.00093	0.00093	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.00713	0.00081	0.010	0.0000300	0.000000214		7006939
23'44'5-PentaCB-(118)	ng/g	0.379	0.00081	0.010	0.0000300	0.0000114		7006939
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	0.00124	0.00076	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.00432	0.00089	0.010	0.0000300	0.000000130		7006939
33'44'5-PentaCB-(126)	ng/g	<0.00078	0.00078	0.010	0.100	0.0000780		7006939
33'455'-PentaCB-(127)	ng/g	<0.00071	0.00071	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0509	0.00083	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.497	0.00092	0.030				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0099	0.0011	0.010				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.010				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0202	0.00098	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.00722	0.00093	0.010				7006939
HexaCB-(134)+(143)	ng/g	0.0046	0.0011	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0613	0.0020	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0061	0.0015	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0216	0.0011	0.010				7006939
HexaCB-(139)+(140)	ng/g	0.00387	0.00086	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0309	0.00096	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.0010	0.0010	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	0.0053	0.0022	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0456	0.00082	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.0642	0.00085	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.487	0.00074	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0041	0.0018	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.00096	0.00096	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0409	0.0016	0.020	0.0000300	0.00000123		7006939
233'44'6-HexaCB-(158)	ng/g	0.0326	0.00070	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.00087	0.00087	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.00075	0.00075	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	0.0019	0.0013	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.00941	0.00068	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.00079	0.00079	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0166	0.0016	0.010	0.0000300	0.000000498		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.010	0.0300	0.0000480		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0359	0.0011	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0142	0.0013	0.020				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0073	0.0014	0.010				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0091	0.0013	0.010				7006939
22'33'45'6-HeptaCB-(175)	ng/g	0.0015	0.0011	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	0.00181	0.00085	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0065	0.0014	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0152	0.0011	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.00998	0.00082	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.109	0.0012	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0013	0.0013	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0340	0.0011	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.00077	0.00077	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.00086	0.00086	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0646	0.0010	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.00086	0.00086	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	0.0018	0.0011	0.010	0.0000300	0.0000000540		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0086	0.0012	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	0.0022	0.0011	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0121	0.0016	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0052	0.0017	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0073	0.0021	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0014	0.0014	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0140	0.0020	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	0.0024	0.0014	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0054	0.0014	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0108	0.0019	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0030 (1)	0.0030	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.010				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0017	0.0017	0.010				7006939
DecaCB-(209)	ng/g	0.0016	0.0012	0.010				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000144		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	65						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	85						7006939
C13-22'33'44'5-HeptaCB-(170)	%	86						7006939
C13-22'33'455'66'-NonaCB-(208)	%	92						7006939
C13-22'33'55'66'-OctaCB-(202)	%	105						7006939
C13-22'33'55'6-HeptaCB-(178)	%	91						7006939
C13-22'344'55'-HeptaCB-(180)	%	88						7006939
C13-22'34'566'-HeptaCB-(188)	%	81						7006939
C13-22'44'66'-HexaCB-(155)	%	81						7006939
C13-22'466'-PentaCB-(104)	%	78						7006939
C13-22'66'-TetraCB-(54)	%	70						7006939
C13-22'6-TriCB-(19)	%	71						7006939
C13-22'-DiCB-(4)	%	66						7006939
C13-233'44'55'6-OctaCB-(205)	%	71						7006939
C13-233'44'55'-HeptaCB-(189)	%	65						7006939
C13-233'44'-PentaCB-(105)	%	61						7006939
C13-233'55'-PentaCB-(111)	%	79						7006939
C13-23'44'55'-HexaCB-(167)	%	58						7006939
C13-2344'5-PentaCB-(114)	%	60						7006939
C13-23'44'5-PentaCB-(118)	%	62						7006939
C13-2'344'5-PentaCB-(123)	%	62						7006939
C13-2-MonoCB-(1)	%	49						7006939
C13-33'44'55'-HexaCB-(169)	%	49						7006939
C13-33'44'5-PentaCB-(126)	%	57						7006939
C13-33'44'-TetraCB-(77)	%	60						7006939
C13-344'5-TetraCB-(81)	%	61						7006939
C13-344'-TriCB-(37)	%	61						7006939
C13-44'-DiCB-(15)	%	67						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	57						7006939
C13-DecaCB-(209)	%	93						7006939
C13-HexaCB-(156)+(157)	%	58						7006939

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00068	0.00068	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00065	0.00065	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.0054	0.0054	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.0054	0.0054	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.0058	0.0058	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.0055	0.0055	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0099				7006939
3,3'-DiCB-(11)	ng/g	<0.0095	0.0095	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.0054	0.0054	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0055	0.0055	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.0099	0.0099	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.0017	0.0017	0.0099				7006939
TriCB-(18)+(30)	ng/g	0.0033	0.0014	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0336	0.00060	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.00066	0.00066	0.020				7006939
234'-TriCB-(22)	ng/g	0.00738	0.00065	0.0099				7006939
235-TriCB-(23)	ng/g	<0.00062	0.00062	0.0099				7006939
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099				7006939
23'4-TriCB-(25)	ng/g	0.00271	0.00066	0.0099				7006939
TriCB-(26)+(29)	ng/g	<0.0071 (1)	0.0071	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0315	0.00061	0.0099				7006939
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.00069	0.00069	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.00065	0.00065	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.00058	0.00058	0.0099				7006939

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0014	0.0011	0.0099				7006939
345-TriCB-(38)	ng/g	<0.00061	0.00061	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.00061	0.00061	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0027	0.0013	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0057	0.0015	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0537	0.0012	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0014	0.0013	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0542	0.0011	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.172	0.0014	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.00094	0.00094	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0266	0.0010	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.00088	0.00088	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.00092	0.00092	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00580	0.00095	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0241	0.0010	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.253	0.00089	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00705	0.00088	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0311	0.0010	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.155	0.00094	0.0099				7006939
23'45-TetraCB-(67)	ng/g	0.00157	0.00082	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	0.00254	0.00090	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	0.0035	0.0010	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00089	0.00089	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0074	0.0013	0.0099	0.000100	0.000000740		7006939
33'45-TetraCB-(78)	ng/g	<0.00097	0.00097	0.0099				7006939
33'45'-TetraCB(79)	ng/g	0.00094	0.00081	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.00081	0.00081	0.0099				7006939
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0099	0.000300	0.000000390		7006939

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BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0079	0.0018	0.0099				7006939
PentaCB-(83)+(99)	ng/g	0.241	0.0015	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0187	0.0017	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0479	0.0013	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.122	0.0013	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0152	0.0015	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.388	0.0013	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0756	0.0016	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.104	0.0015	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	0.0017	0.0013	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.200	0.0016	0.0099	0.0000300	0.00000600		7006939
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.0396	0.0011	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.0157	0.0012	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.388	0.0012	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0140	0.0015	0.0099	0.0000300	0.000000420		7006939
23'44'5-PentaCB-(118)	ng/g	0.590	0.0015	0.0099	0.0000300	0.0000177		7006939
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	0.0038	0.0013	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0089	0.0017	0.0099	0.0000300	0.000000267		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0099	0.100	0.000150		7006939
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0411	0.0016	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.448	0.0017	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0143	0.0020	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0020	0.0020	0.0099				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0324	0.0018	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0063	0.0017	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0072	0.0021	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0698	0.0047	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0085	0.0034	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0215	0.0021	0.0099				7006939
HexaCB-(139)+(140)	ng/g	0.0034	0.0016	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0340	0.0018	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	0.0069	0.0050	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0515	0.0016	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.123	0.0018	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.376	0.0014	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0040	0.0040	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0570	0.0014	0.020	0.0000300	0.00000171		7006939
233'44'6-HexaCB-(158)	ng/g	0.0328	0.0013	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	0.00219	0.00095	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0120	0.0012	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0014	0.0014	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0214	0.0014	0.0099	0.0000300	0.000000642		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0099	0.0300	0.0000420		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0332	0.0019	0.0099				7006939
HeptaCB-(171)+(173)	ng/g	0.0135	0.0021	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0057	0.0023	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0124	0.0019	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	0.0022	0.0014	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0103	0.0021	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0112	0.0021	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0108	0.0014	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.0916	0.0019	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0020	0.0020	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0270	0.0017	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0020	0.0020	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0570	0.0018	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	0.0020	0.0013	0.0099	0.0000300	0.0000000600		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0083	0.0020	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0018	0.0018	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0102	0.0018	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0037 (1)	0.0037	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0054	0.0043	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.0099				7006939
OctaCB-(198)+(199)	ng/g	0.0085	0.0041	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034 (1)	0.0034	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0069	0.0039	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0027	0.0027	0.0099				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0028	0.0028	0.0099				7006939
DecaCB-(209)	ng/g	<0.0041	0.0041	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000220		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	79						7006939
C13-22'33'44'5-HeptaCB-(170)	%	78						7006939
C13-22'33'455'66'-NonaCB-(208)	%	80						7006939
C13-22'33'55'66'-OctaCB-(202)	%	76						7006939
C13-22'33'55'6-HeptaCB-(178)	%	83						7006939
C13-22'344'55'-HeptaCB-(180)	%	80						7006939
C13-22'34'566'-HeptaCB-(188)	%	66						7006939
C13-22'44'66'-HexaCB-(155)	%	68						7006939
C13-22'466'-PentaCB-(104)	%	55						7006939
C13-22'66'-TetraCB-(54)	%	48						7006939
C13-22'6-TriCB-(19)	%	49						7006939
C13-22'-DiCB-(4)	%	40						7006939
C13-233'44'55'6-OctaCB-(205)	%	79						7006939
C13-233'44'55'-HeptaCB-(189)	%	81						7006939
C13-233'44'-PentaCB-(105)	%	72						7006939
C13-233'55'-PentaCB-(111)	%	89						7006939
C13-23'44'55'-HexaCB-(167)	%	79						7006939
C13-2344'5-PentaCB-(114)	%	70						7006939
C13-23'44'5-PentaCB-(118)	%	74						7006939
C13-2'344'5-PentaCB-(123)	%	72						7006939
C13-2-MonoCB-(1)	%	43						7006939
C13-33'44'55'-HexaCB-(169)	%	68						7006939
C13-33'44'5-PentaCB-(126)	%	67						7006939
C13-33'44'-TetraCB-(77)	%	76						7006939
C13-344'5-TetraCB-(81)	%	78						7006939
C13-344'-TriCB-(37)	%	73						7006939
C13-44'-DiCB-(15)	%	61						7006939
C13-4-MonoCB-(3)	%	47						7006939

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	76						7006939
C13-HexaCB-(156)+(157)	%	77						7006939

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00091	0.00091	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00086	0.00086	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00087	0.00087	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0022	0.0022	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.0077	0.0077	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.0081	0.0081	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.0081	0.0081	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.0086	0.0086	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.0081	0.0081	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0026	0.0026	0.0099				7006939
3,3'-DiCB-(11)	ng/g	<0.014	0.014	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.0079	0.0079	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0082	0.0082	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.0024	0.0024	0.0099				7006939
TriCB-(18)+(30)	ng/g	0.0066	0.0019	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0218	0.00079	0.020				7006939
TriCB-(21)+(33)	ng/g	0.00206	0.00088	0.020				7006939
234'-TriCB-(22)	ng/g	0.00598	0.00086	0.0099				7006939
235-TriCB-(23)	ng/g	<0.00082	0.00082	0.0099				7006939
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099				7006939
23'4-TriCB-(25)	ng/g	0.00193	0.00087	0.0099				7006939
TriCB-(26)+(29)	ng/g	0.00479	0.00082	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0202	0.00081	0.0099				7006939
24'6-TriCB-(32)	ng/g	0.0016	0.0016	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.00091	0.00091	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.00086	0.00086	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.0099				7006939
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00081	0.00081	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.00081	0.00081	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0052	0.0013	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0041	0.0016	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0317	0.0013	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0018	0.0014	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0250	0.0012	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0725	0.0015	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.00083	0.00083	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0132	0.00089	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.00077	0.00077	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.00081	0.00081	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.0028	0.0010	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0120	0.00089	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.121	0.00079	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00296	0.00078	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0152	0.0011	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.0618	0.00083	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.00073	0.00073	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	0.00142	0.00079	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	0.00167	0.00089	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00095	0.00095	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0034	0.0012	0.0099	0.000100	0.000000340		7006939
33'45-TetraCB-(78)	ng/g	<0.00086	0.00086	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.00072	0.00072	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.00071	0.00071	0.0099				7006939
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.0099	0.000300	0.000000330		7006939
22'33'4-PentaCB-(82)	ng/g	0.0058	0.0027	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.139	0.0023	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0107	0.0025	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0262	0.0019	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0601	0.0019	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0081	0.0022	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.174	0.0019	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0371	0.0024	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0564	0.0022	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.0862	0.0014	0.0099	0.0000300	0.00000259		7006939
233'45-PentaCB-(106)	ng/g	<0.00098	0.00098	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.0193	0.00096	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.0075	0.0011	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.178	0.0018	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0062	0.0014	0.0099	0.0000300	0.000000186		7006939
23'44'5-PentaCB-(118)	ng/g	0.278	0.0014	0.0099	0.0000300	0.00000834		7006939
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	0.0016	0.0011	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0027	0.0015	0.0099	0.0000300	0.0000000810		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0099	0.100	0.000130		7006939
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.0292	0.0013	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.248	0.0013	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0079	0.0016	0.0099				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0015	0.0015	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0159	0.0014	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0045	0.0013	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0031	0.0016	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0358	0.0070	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0050	0.0050	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0142	0.0016	0.0099				7006939
HexaCB-(139)+(140)	ng/g	0.0028	0.0012	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0216	0.0014	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	<0.0074	0.0074	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0314	0.0012	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0552	0.0014	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0070	0.0070	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0047	0.0047	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0051	0.0051	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.242	0.0010	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0059	0.0059	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0031	0.0031	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0325	0.0017	0.020	0.0000300	0.000000975		7006939
233'44'6-HexaCB-(158)	ng/g	0.0191	0.0010	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.00585	0.00093	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0135	0.0017	0.0099	0.0000300	0.000000405		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0099	0.0300	0.0000540		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0264	0.0015	0.0099				7006939
HeptaCB-(171)+(173)	ng/g	0.0083	0.0017	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0065	0.0018	0.0099				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0077	0.0015	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0042	0.0042	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0059	0.0016	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0094	0.0043	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0064	0.0029	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.0781	0.0015	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0016	0.0016	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0040	0.0040	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0198	0.0013	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0016	0.0016	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0373	0.0038	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	0.0015	0.0011	0.0099	0.0000300	0.0000000450		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0061	0.0016	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0014	0.0014	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0097	0.0035	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	<0.0052	0.0052	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0099				7006939
OctaCB-(198)+(199)	ng/g	0.0093	0.0051	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034	0.0034	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0063	0.0049	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0034	0.0034	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0030	0.0030	0.0099				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0024	0.0024	0.0099				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.0099				7006939
DecaCB-(209)	ng/g	<0.0052	0.0052	0.0099				7006939

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000197		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	86						7006939
C13-22'33'44'5-HeptaCB-(170)	%	92						7006939
C13-22'33'455'66'-NonaCB-(208)	%	89						7006939
C13-22'33'55'66'-OctaCB-(202)	%	87						7006939
C13-22'33'55'6-HeptaCB-(178)	%	82						7006939
C13-22'344'55'-HeptaCB-(180)	%	95						7006939
C13-22'34'566'-HeptaCB-(188)	%	69						7006939
C13-22'44'66'-HexaCB-(155)	%	73						7006939
C13-22'466'-PentaCB-(104)	%	56						7006939
C13-22'66'-TetraCB-(54)	%	56						7006939
C13-22'6-TriCB-(19)	%	55						7006939
C13-22'-DiCB-(4)	%	45						7006939
C13-233'44'55'6-OctaCB-(205)	%	75						7006939
C13-233'44'55'-HeptaCB-(189)	%	93						7006939
C13-233'44'-PentaCB-(105)	%	78						7006939
C13-233'55'-PentaCB-(111)	%	94						7006939
C13-23'44'55'-HexaCB-(167)	%	85						7006939
C13-2344'5-PentaCB-(114)	%	77						7006939
C13-23'44'5-PentaCB-(118)	%	78						7006939
C13-2'344'5-PentaCB-(123)	%	78						7006939
C13-2-MonoCB-(1)	%	47						7006939
C13-33'44'55'-HexaCB-(169)	%	75						7006939
C13-33'44'5-PentaCB-(126)	%	76						7006939
C13-33'44'-TetraCB-(77)	%	85						7006939
C13-344'5-TetraCB-(81)	%	86						7006939
C13-344'-TriCB-(37)	%	79						7006939
C13-44'-DiCB-(15)	%	66						7006939
C13-4-MonoCB-(3)	%	54						7006939
C13-DecaCB-(209)	%	85						7006939
C13-HexaCB-(156)+(157)	%	80						7006939

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00058	0.00058	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00055	0.00055	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00055	0.00055	0.010				7006939
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.0084	0.0084	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.0087	0.0087	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.0087	0.0087	0.010				7006939
2,4'-DiCB-(8)	ng/g	<0.0092	0.0092	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.0088	0.0088	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.010				7006939
3,3'-DiCB-(11)	ng/g	<0.015	0.015	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.0086	0.0086	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0089	0.0089	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.016	0.016	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.010				7006939
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.010				7006939
TriCB-(18)+(30)	ng/g	0.0086	0.0022	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0430	0.0011	0.020				7006939
TriCB-(21)+(33)	ng/g	0.0020	0.0012	0.020				7006939
234'-TriCB-(22)	ng/g	0.0093	0.0012	0.010				7006939
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010				7006939
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.010				7006939
23'4-TriCB-(25)	ng/g	0.0029	0.0012	0.010				7006939
TriCB-(26)+(29)	ng/g	0.0071	0.0011	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0363	0.0011	0.010				7006939
24'6-TriCB-(32)	ng/g	0.0027	0.0018	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.010				7006939
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0059	0.0013	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0087	0.0016	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0673	0.0012	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0026	0.0013	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010				7006939
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0560	0.0012	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.156	0.0014	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.0028	0.0028	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0256	0.0018	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00556	0.00099	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0379	0.0018	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.317	0.0016	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.0096	0.0016	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0343	0.0011	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.194	0.0017	0.010				7006939
23'45-TetraCB-(67)	ng/g	0.0016	0.0015	0.010				7006939
23'45'-TetraCB-(68)	ng/g	0.0030	0.0016	0.010				7006939
23'55'-TetraCB-(72)	ng/g	0.0045	0.0018	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00092	0.00092	0.010				7006939
33'44'-TetraCB-(77)	ng/g	0.0079	0.0024	0.010	0.000100	0.000000790		7006939
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.010				7006939
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.010				7006939
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.010	0.000300	0.000000690		7006939
22'33'4-PentaCB-(82)	ng/g	0.0084	0.0024	0.010				7006939

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.400	0.0020	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0205	0.0022	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0807	0.0017	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.151	0.0017	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0195	0.0020	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.537	0.0017	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.111	0.0021	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.116	0.0019	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.306	0.0013	0.010	0.0000300	0.00000918		7006939
233'45-PentaCB-(106)	ng/g	<0.00094	0.00094	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0622	0.00092	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.0220	0.0010	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.484	0.0016	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.0184	0.0013	0.010	0.0000300	0.000000552		7006939
23'44'5-PentaCB-(118)	ng/g	0.938	0.0013	0.010	0.0000300	0.0000281		7006939
23'455'-PentaCB-(120)	ng/g	0.0016	0.0015	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	0.0032	0.0011	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0072	0.0014	0.010	0.0000300	0.000000216		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130		7006939
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0933	0.0016	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.760	0.0016	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0226	0.0019	0.010				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0428	0.0018	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0112	0.0017	0.010				7006939
HexaCB-(134)+(143)	ng/g	0.0090	0.0020	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.107	0.0042	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0110	0.0030	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0424	0.0020	0.010				7006939
HexaCB-(139)+(140)	ng/g	0.0059	0.0015	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0608	0.0017	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	0.0112	0.0045	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0924	0.0015	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.160	0.0017	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0042	0.0042	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.670	0.0013	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0059	0.0035	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0019	0.0019	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0995	0.0030	0.020	0.0000300	0.00000299		7006939
233'44'6-HexaCB-(158)	ng/g	0.0549	0.0013	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	0.0040	0.0020	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0142	0.0012	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0407	0.0029	0.010	0.0000300	0.00000122		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.010	0.0300	0.0000900		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0671	0.0018	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0259	0.0020	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0147	0.0021	0.010				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0238	0.0018	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0044	0.0044	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	0.0032	0.0031	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0160	0.0019	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0232	0.0045	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0196	0.0030	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.203	0.0018	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0569	0.0016	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.111	0.0040	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	0.0037	0.0014	0.010	0.0000300	0.000000111		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0169	0.0019	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	0.0042	0.0017	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0245	0.0029	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0086	0.0030	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0138	0.0044	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0271	0.0042	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	0.0046	0.0027	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0097	0.0028	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0194	0.0040	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0037	0.0037	0.010				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.010				7006939
22'33'455'66'-NonaCB-(208)	ng/g	<0.0038	0.0038	0.010				7006939
DecaCB-(209)	ng/g	<0.0049	0.0049	0.010				7006939

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000264		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	83						7006939
C13-22'33'44'5-HeptaCB-(170)	%	96						7006939
C13-22'33'455'66'-NonaCB-(208)	%	83						7006939
C13-22'33'55'66'-OctaCB-(202)	%	87						7006939
C13-22'33'55'6-HeptaCB-(178)	%	83						7006939
C13-22'344'55'-HeptaCB-(180)	%	98						7006939
C13-22'34'566'-HeptaCB-(188)	%	62						7006939
C13-22'44'66'-HexaCB-(155)	%	65						7006939
C13-22'466'-PentaCB-(104)	%	49						7006939
C13-22'66'-TetraCB-(54)	%	52						7006939
C13-22'6-TriCB-(19)	%	49						7006939
C13-22'-DiCB-(4)	%	43						7006939
C13-233'44'55'6-OctaCB-(205)	%	67						7006939
C13-233'44'55'-HeptaCB-(189)	%	95						7006939
C13-233'44'-PentaCB-(105)	%	70						7006939
C13-233'55'-PentaCB-(111)	%	87						7006939
C13-23'44'55'-HexaCB-(167)	%	78						7006939
C13-2344'5-PentaCB-(114)	%	70						7006939
C13-23'44'5-PentaCB-(118)	%	74						7006939
C13-2'344'5-PentaCB-(123)	%	71						7006939
C13-2-MonoCB-(1)	%	47						7006939
C13-33'44'55'-HexaCB-(169)	%	72						7006939
C13-33'44'5-PentaCB-(126)	%	70						7006939
C13-33'44'-TetraCB-(77)	%	81						7006939
C13-344'5-TetraCB-(81)	%	82						7006939
C13-344'-TriCB-(37)	%	76						7006939
C13-44'-DiCB-(15)	%	62						7006939
C13-4-MonoCB-(3)	%	50						7006939
C13-DecaCB-(209)	%	90						7006939
C13-HexaCB-(156)+(157)	%	76						7006939

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00072	0.00072	0.010				7006939
3-MonoCB-(2)	ng/g	<0.00069	0.00069	0.010				7006939
4-MonoCB-(3)	ng/g	<0.00070	0.00070	0.010				7006939
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.010				7006939
2,3-DiCB-(5)	ng/g	<0.011	0.011	0.010				7006939
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.010				7006939
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.010				7006939
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.010				7006939
2,5-DiCB-(9)	ng/g	<0.012	0.012	0.010				7006939
2,6-DiCB-(10)	ng/g	<0.0029	0.0029	0.010				7006939
3,3'-DiCB-(11)	ng/g	<0.020	0.020	0.010				7006939
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.012	0.012	0.010				7006939
4,4'-DiCB-(15)	ng/g	<0.021	0.021	0.010				7006939
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.010				7006939
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.010				7006939
TriCB-(18)+(30)	ng/g	0.0043	0.0016	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010				7006939
TriCB-(20) + (28)	ng/g	0.0322	0.00091	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020				7006939
234'-TriCB-(22)	ng/g	<0.0063 (1)	0.0063	0.010				7006939
235-TriCB-(23)	ng/g	<0.00094	0.00094	0.010				7006939
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010				7006939
23'4-TriCB-(25)	ng/g	0.0024	0.0010	0.010				7006939
TriCB-(26)+(29)	ng/g	<0.0057 (1)	0.0057	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010				7006939
24'5-TriCB-(31)	ng/g	0.0281	0.00093	0.010				7006939
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.010				7006939
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010				7006939
33'4-TriCB-(35)	ng/g	<0.00098	0.00098	0.010				7006939
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.010				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0017	0.0017	0.010				7006939
345-TriCB-(38)	ng/g	<0.00092	0.00092	0.010				7006939
34'5-TriCB-(39)	ng/g	<0.00092	0.00092	0.010				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0034	0.0013	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0039	0.0016	0.010				7006939
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.010				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0425	0.0012	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0018	0.0013	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.010				7006939
22'45-TetraCB-(48)	ng/g	<0.0013	0.0013	0.010				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0339	0.0012	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0013	0.0013	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.114	0.0014	0.010				7006939
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.010				7006939
233'4-TetraCB-(55)	ng/g	<0.00081	0.00081	0.010				7006939
233'4'-Tetra CB(56)	ng/g	0.0179	0.00087	0.010				7006939
233'5-TetraCB-(57)	ng/g	<0.00076	0.00076	0.010				7006939
233'5'-TetraCB-(58)	ng/g	<0.00079	0.00079	0.010				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00353	0.00098	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0196	0.00087	0.010				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.190	0.00077	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.00583	0.00076	0.010				7006939
234'6-TetraCB-(64)	ng/g	0.0208	0.0011	0.010				7006939
23'44'-TetraCB-(66)	ng/g	0.116	0.00081	0.010				7006939
23'45-TetraCB-(67)	ng/g	<0.00071	0.00071	0.010				7006939
23'45'-TetraCB-(68)	ng/g	0.00204	0.00077	0.010				7006939
23'55'-TetraCB-(72)	ng/g	0.00278	0.00087	0.010				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00092	0.00092	0.010				7006939
33'44'-TetraCB-(77)	ng/g	0.0056	0.0011	0.010	0.000100	0.000000560		7006939
33'45-TetraCB-(78)	ng/g	<0.00084	0.00084	0.010				7006939
33'45'-TetraCB(79)	ng/g	0.00094	0.00070	0.010				7006939
33'55'-TetraCB-(80)	ng/g	<0.00070	0.00070	0.010				7006939
344'5-TetraCB-(81)	ng/g	<0.0011	0.0011	0.010	0.000300	0.000000330		7006939

EDL = Estimated Detection Limit
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0064	0.0022	0.010				7006939
PentaCB-(83)+(99)	ng/g	0.176	0.0019	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0162	0.0021	0.010				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0349	0.0016	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0781	0.0016	0.060				7006939
PentaCB-(88)+(91)	ng/g	0.0098	0.0018	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0020	0.0020	0.010				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.245	0.0016	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0552	0.0019	0.010				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0018	0.0018	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.010				7006939
22'35'6-PentaCB-(95)	ng/g	0.0762	0.0018	0.010				7006939
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.010				7006939
22'45'6-PentaCB-(103)	ng/g	<0.0016	0.0016	0.010				7006939
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.010				7006939
233'44'-PentaCB-(105)	ng/g	0.134	0.0014	0.010	0.0000300	0.00000402		7006939
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.010				7006939
233'4'5-PentaCB-(107)	ng/g	0.0288	0.00098	0.010				7006939
PentaCB-(108)+(124)	ng/g	0.0106	0.0011	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.239	0.0015	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.010				7006939
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010				7006939
2344'5-PentaCB-(114)	ng/g	0.0084	0.0014	0.010	0.0000300	0.000000252		7006939
23'44'5-PentaCB-(118)	ng/g	0.437	0.0014	0.010	0.0000300	0.0000131		7006939
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.010				7006939
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010				7006939
233'4'5'-PentaCB-(122)	ng/g	0.0020	0.0011	0.010				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0051	0.0015	0.010	0.0000300	0.000000153		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.010	0.100	0.000130		7006939
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010				7006939
HexaCB-(128)+(166)	ng/g	0.0311	0.0014	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.307	0.0015	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0117	0.0017	0.010				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.010				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0222	0.0016	0.010				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0044	0.0015	0.010				7006939
HexaCB-(134)+(143)	ng/g	0.0051	0.0018	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0506	0.0053	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0070	0.0038	0.010				7006939
22'344'5-HexaCB-(137)	ng/g	0.0150	0.0018	0.010				7006939
HexaCB-(139)+(140)	ng/g	<0.0023 (1)	0.0023	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0245	0.0015	0.010				7006939
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.010				7006939
22'345'6-HexaCB-(144)	ng/g	<0.0057	0.0057	0.010				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.010				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0400	0.0014	0.010				7006939
HexaCB-(147)+(149)	ng/g	0.0682	0.0015	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0053	0.0053	0.010				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0036	0.0036	0.010				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0039	0.0039	0.010				7006939
HexaCB-(153)+(168)	ng/g	0.270	0.0012	0.010				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0045	0.0045	0.010				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0024	0.0024	0.010				7006939
HexaCB-(156)+(157)	ng/g	0.0451	0.0016	0.020	0.0000300	0.00000135		7006939
233'44'6-HexaCB-(158)	ng/g	0.0217	0.0011	0.010				7006939
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.010				7006939
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.010				7006939
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.010				7006939
233'4'55'-HexaCB-(162)	ng/g	0.0019	0.0010	0.010				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.0080	0.0010	0.010				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.010				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0174	0.0015	0.010	0.0000300	0.000000522		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.010	0.0300	0.0000480		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0305	0.0014	0.010				7006939
HeptaCB-(171)+(173)	ng/g	0.0114	0.0016	0.020				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0062	0.0017	0.010				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0108	0.0014	0.010				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0027	0.0027	0.010				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0085	0.0016	0.010				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0115	0.0039	0.010				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0087	0.0026	0.010				7006939
HeptaCB-(180)+(193)	ng/g	0.0866	0.0014	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.010				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.010				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0243	0.0013	0.010				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0025	0.0025	0.010				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.010				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.010				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0503	0.0034	0.010				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.010				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.010	0.0000300	0.0000000660		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0078	0.0015	0.010				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.010				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.010				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0109	0.0025	0.010				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0048	0.0026	0.010				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0054	0.0041	0.010				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.010				7006939
OctaCB-(198)+(199)	ng/g	0.0123	0.0039	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.010				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.010				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0048	0.0026	0.010				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0081	0.0038	0.010				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.010				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.010				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.010				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.010				7006939

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.010				7006939
DecaCB-(209)	ng/g	<0.0061	0.0061	0.010				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000198		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	90						7006939
C13-22'33'44'5-HeptaCB-(170)	%	103						7006939
C13-22'33'455'66'-NonaCB-(208)	%	89						7006939
C13-22'33'55'66'-OctaCB-(202)	%	97						7006939
C13-22'33'55'6-HeptaCB-(178)	%	84						7006939
C13-22'344'55'-HeptaCB-(180)	%	106						7006939
C13-22'34'566'-HeptaCB-(188)	%	70						7006939
C13-22'44'66'-HexaCB-(155)	%	71						7006939
C13-22'466'-PentaCB-(104)	%	54						7006939
C13-22'66'-TetraCB-(54)	%	54						7006939
C13-22'6-TriCB-(19)	%	52						7006939
C13-22'-DiCB-(4)	%	40						7006939
C13-233'44'55'6-OctaCB-(205)	%	73						7006939
C13-233'44'55'-HeptaCB-(189)	%	103						7006939
C13-233'44'-PentaCB-(105)	%	79						7006939
C13-233'55'-PentaCB-(111)	%	92						7006939
C13-23'44'55'-HexaCB-(167)	%	89						7006939
C13-2344'5-PentaCB-(114)	%	79						7006939
C13-23'44'5-PentaCB-(118)	%	80						7006939
C13-2'344'5-PentaCB-(123)	%	80						7006939
C13-2-MonoCB-(1)	%	44						7006939
C13-33'44'55'-HexaCB-(169)	%	78						7006939
C13-33'44'5-PentaCB-(126)	%	77						7006939
C13-33'44'-TetraCB-(77)	%	95						7006939
C13-344'5-TetraCB-(81)	%	96						7006939
C13-344'-TriCB-(37)	%	86						7006939
C13-44'-DiCB-(15)	%	64						7006939
C13-4-MonoCB-(3)	%	50						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	93						7006939
C13-HexaCB-(156)+(157)	%	87						7006939

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RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00047	0.00047	0.0099				7006939
3-MonoCB-(2)	ng/g	<0.00044	0.00044	0.0099				7006939
4-MonoCB-(3)	ng/g	<0.00045	0.00045	0.0099				7006939
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.0099				7006939
2,3-DiCB-(5)	ng/g	<0.0093	0.0093	0.0099				7006939
2,3'-DiCB-(6)	ng/g	<0.0097	0.0097	0.0099				7006939
2,4-DiCB-(7)	ng/g	<0.0097	0.0097	0.0099				7006939
2,4'-DiCB-(8)	ng/g	<0.010	0.010	0.0099				7006939
2,5-DiCB-(9)	ng/g	<0.0098	0.0098	0.0099				7006939
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.0099				7006939
3,3'-DiCB-(11)	ng/g	<0.017	0.017	0.0099				7006939
DiCB-(12)+(13)	ng/g	<0.0096	0.0096	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.0099	0.0099	0.0099				7006939
4,4'-DiCB-(15)	ng/g	<0.018	0.018	0.0099				7006939
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0099				7006939
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099				7006939
TriCB-(18)+(30)	ng/g	0.0034	0.0016	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099				7006939
TriCB-(20) + (28)	ng/g	0.0175	0.00062	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.00069	0.00069	0.020				7006939
234'-TriCB-(22)	ng/g	0.00305	0.00067	0.0099				7006939
235-TriCB-(23)	ng/g	<0.00064	0.00064	0.0099				7006939
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099				7006939
23'4-TriCB-(25)	ng/g	0.00143	0.00068	0.0099				7006939
TriCB-(26)+(29)	ng/g	0.00396	0.00065	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0099				7006939
24'5-TriCB-(31)	ng/g	0.0122	0.00063	0.0099				7006939
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099				7006939
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.0099				7006939
33'4-TriCB-(35)	ng/g	<0.00067	0.00067	0.0099				7006939
33'5-TriCB-(36)	ng/g	<0.00061	0.00061	0.0099				7006939
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00063	0.00063	0.0099				7006939
34'5-TriCB-(39)	ng/g	<0.00063	0.00063	0.0099				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.00245	0.00084	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0037	0.0010	0.0099				7006939
22'35-TetraCB-(43)	ng/g	<0.0012	0.0012	0.0099				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0203	0.00080	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.00137	0.00087	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0010	0.0010	0.0099				7006939
22'45-TetraCB-(48)	ng/g	<0.00083	0.00083	0.0099				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0162	0.00076	0.020				7006939
TetraCB-(50)+(53)	ng/g	0.00096	0.00083	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.0388	0.00091	0.0099				7006939
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099				7006939
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099				7006939
233'4'-Tetra CB(56)	ng/g	0.0046	0.0015	0.0099				7006939
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099				7006939
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00203	0.00064	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0087	0.0016	0.0099				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0665	0.0014	0.040				7006939
234'5-TetraCB-(63)	ng/g	0.0023	0.0014	0.0099				7006939
234'6-TetraCB-(64)	ng/g	0.0103	0.00069	0.0099				7006939
23'44'-TetraCB-(66)	ng/g	0.0434	0.0014	0.0099				7006939
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0099				7006939
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099				7006939
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0099				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00059	0.00059	0.0099				7006939
33'44'-TetraCB-(77)	ng/g	0.0022	0.0020	0.0099	0.000100	0.000000220		7006939
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099				7006939
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0099				7006939
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.0099				7006939
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600		7006939
22'33'4-PentaCB-(82)	ng/g	0.0034	0.0014	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0603	0.0012	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0056	0.0013	0.0099				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0151	0.00096	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0351	0.00099	0.059				7006939
PentaCB-(88)+(91)	ng/g	0.0055	0.0011	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.0699	0.00099	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0151	0.0012	0.0099				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0011	0.0011	0.040				7006939
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0099				7006939
22'35'6-PentaCB-(95)	ng/g	0.0231	0.0011	0.0099				7006939
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.0099				7006939
22'45'6-PentaCB-(103)	ng/g	<0.00099	0.00099	0.0099				7006939
22'466'-PentaCB-(104)	ng/g	<0.00088	0.00088	0.0099				7006939
233'44'-PentaCB-(105)	ng/g	0.0401	0.0011	0.0099	0.0000300	0.00000120		7006939
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0099				7006939
233'4'5-PentaCB-(107)	ng/g	0.00898	0.00080	0.0099				7006939
PentaCB-(108)+(124)	ng/g	0.00298	0.00087	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.0690	0.00094	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.00089	0.00089	0.0099				7006939
233'56-PentaCB-(112)	ng/g	<0.00084	0.00084	0.0099				7006939
2344'5-PentaCB-(114)	ng/g	0.0024	0.0011	0.0099	0.0000300	0.0000000720		7006939
23'44'5-PentaCB-(118)	ng/g	0.117	0.0011	0.0099	0.0000300	0.00000351		7006939
23'455'-PentaCB-(120)	ng/g	<0.00088	0.00088	0.0099				7006939
23'45'6-PentaCB-(121)	ng/g	<0.00085	0.00085	0.0099				7006939
233'4'5'-PentaCB-(122)	ng/g	<0.00092	0.00092	0.0099				7006939
23'44'5'-PentaCB-(123)	ng/g	0.0020	0.0012	0.0099	0.0000300	0.0000000600		7006939
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0099	0.100	0.000110		7006939
33'455'-PentaCB-(127)	ng/g	<0.00089	0.00089	0.0099				7006939
HexaCB-(128)+(166)	ng/g	0.00963	0.00092	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.0849	0.00097	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0043	0.0011	0.0099				7006939
22'33'46-HexaCB-(131)	ng/g	<0.0011	0.0011	0.0099				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0072	0.0010	0.0099				7006939
22'33'55'-HexaCB-(133)	ng/g	0.00157	0.00098	0.0099				7006939
HexaCB-(134)+(143)	ng/g	0.0022	0.0012	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0120	0.0038	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	<0.0027	0.0027	0.0099				7006939
22'344'5-HexaCB-(137)	ng/g	0.0050	0.0012	0.0099				7006939
HexaCB-(139)+(140)	ng/g	<0.0011 (1)	0.0011	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0091	0.0010	0.0099				7006939
22'3456-HexaCB-(142)	ng/g	<0.0011	0.0011	0.0099				7006939
22'345'6-HexaCB-(144)	ng/g	<0.0040	0.0040	0.0099				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.0099				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0122	0.00089	0.0099				7006939
HexaCB-(147)+(149)	ng/g	0.0223	0.0010	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0099				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0026	0.0026	0.0099				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.0099				7006939
HexaCB-(153)+(168)	ng/g	0.0772	0.00077	0.0099				7006939
22'44'56'-HexaCB-(154)	ng/g	<0.0032	0.0032	0.0099				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0099				7006939
HexaCB-(156)+(157)	ng/g	0.0129	0.00097	0.020	0.0000300	0.000000387		7006939
233'44'6-HexaCB-(158)	ng/g	0.00735	0.00074	0.0099				7006939
233'455'-HexaCB-(159)	ng/g	<0.00068	0.00068	0.0099				7006939
233'456-HexaCB-(160)	ng/g	<0.00084	0.00084	0.0099				7006939
233'45'6-HexaCB-(161)	ng/g	<0.00074	0.00074	0.0099				7006939
233'4'55'-HexaCB-(162)	ng/g	<0.00064	0.00064	0.0099				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.00251	0.00069	0.0099				7006939
233'55'6-HexaCB-(165)	ng/g	<0.00079	0.00079	0.0099				7006939
23'44'55'-HexaCB-(167)	ng/g	0.00535	0.00093	0.0099	0.0000300	0.000000161		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.00098	0.00098	0.0099	0.0300	0.0000294		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0095	0.0014	0.0099				7006939
HeptaCB-(171)+(173)	ng/g	0.0036	0.0016	0.020				7006939
22'33'455'-HeptaCB-(172)	ng/g	0.0021	0.0017	0.0099				7006939

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0034	0.0014	0.0099				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0030	0.0030	0.0099				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.0099				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0041	0.0015	0.0099				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0036	0.0031	0.0099				7006939
22'33'566'-HeptaCB-(179)	ng/g	<0.0021 (1)	0.0021	0.0099				7006939
HeptaCB-(180)+(193)	ng/g	0.0282	0.0014	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0099				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0073	0.0012	0.0099				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0099				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.0099				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0099				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0123	0.0027	0.0099				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0099				7006939
233'44'55'-HeptaCB-(189)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0021	0.0015	0.0099				7006939
233'44'5'6-HeptaCB-(191)	ng/g	<0.0013	0.0013	0.0099				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0099				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0044	0.0021	0.0099				7006939
22'33'44'56-OctaCB-(195)	ng/g	<0.0022	0.0022	0.0099				7006939
22'33'44'56'-OctaCB-(196)	ng/g	<0.0043	0.0043	0.0099				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.0099				7006939
OctaCB-(198)+(199)	ng/g	<0.0041	0.0041	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099				7006939
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0099				7006939
22'33'55'66'-OctaCB-(202)	ng/g	<0.0027	0.0027	0.0099				7006939
22'344'55'6-OctaCB-(203)	ng/g	<0.0039	0.0039	0.0099				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0026	0.0026	0.0099				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.0099				7006939

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.0099				7006939
DecaCB-(209)	ng/g	<0.0037	0.0037	0.0099				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000146		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	73						7006939
C13-22'33'44'5-HeptaCB-(170)	%	77						7006939
C13-22'33'455'66'-NonaCB-(208)	%	76						7006939
C13-22'33'55'66'-OctaCB-(202)	%	71						7006939
C13-22'33'55'6-HeptaCB-(178)	%	85						7006939
C13-22'344'55'-HeptaCB-(180)	%	78						7006939
C13-22'34'566'-HeptaCB-(188)	%	67						7006939
C13-22'44'66'-HexaCB-(155)	%	69						7006939
C13-22'466'-PentaCB-(104)	%	54						7006939
C13-22'66'-TetraCB-(54)	%	55						7006939
C13-22'6-TriCB-(19)	%	52						7006939
C13-22'-DiCB-(4)	%	41						7006939
C13-233'44'55'6-OctaCB-(205)	%	79						7006939
C13-233'44'55'-HeptaCB-(189)	%	89						7006939
C13-233'44'-PentaCB-(105)	%	79						7006939
C13-233'55'-PentaCB-(111)	%	91						7006939
C13-23'44'55'-HexaCB-(167)	%	89						7006939
C13-2344'5-PentaCB-(114)	%	77						7006939
C13-23'44'5-PentaCB-(118)	%	80						7006939
C13-2'344'5-PentaCB-(123)	%	78						7006939
C13-2-MonoCB-(1)	%	43						7006939
C13-33'44'55'-HexaCB-(169)	%	80						7006939
C13-33'44'5-PentaCB-(126)	%	75						7006939
C13-33'44'-TetraCB-(77)	%	97						7006939
C13-344'5-TetraCB-(81)	%	96						7006939
C13-344'-TriCB-(37)	%	83						7006939
C13-44'-DiCB-(15)	%	66						7006939
C13-4-MonoCB-(3)	%	49						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	73						7006939
C13-HexaCB-(156)+(157)	%	87						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00095	0.00095	0.0098				7006939
3-MonoCB-(2)	ng/g	<0.00090	0.00090	0.0098				7006939
4-MonoCB-(3)	ng/g	<0.00092	0.00092	0.0098				7006939
22'-DiCB-(4)	ng/g	<0.0034	0.0034	0.0098				7006939
2,3-DiCB-(5)	ng/g	<0.010	0.010	0.0098				7006939
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0098				7006939
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.0098				7006939
2,4'-DiCB-(8)	ng/g	<0.012	0.012	0.0098				7006939
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.0098				7006939
2,6-DiCB-(10)	ng/g	<0.0039	0.0039	0.0098				7006939
3,3'-DiCB-(11)	ng/g	<0.019	0.019	0.0098				7006939
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020				7006939
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.0098				7006939
4,4'-DiCB-(15)	ng/g	<0.020	0.020	0.0098				7006939
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.0098				7006939
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0098				7006939
TriCB-(18)+(30)	ng/g	0.0046	0.0017	0.020				7006939
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0098				7006939
TriCB-(20) + (28)	ng/g	0.0275	0.00095	0.020				7006939
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020				7006939
234'-TriCB-(22)	ng/g	0.0057	0.0010	0.0098				7006939
235-TriCB-(23)	ng/g	<0.00098	0.00098	0.0098				7006939
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0098				7006939
23'4-TriCB-(25)	ng/g	0.0022	0.0010	0.0098				7006939
TriCB-(26)+(29)	ng/g	0.00519	0.00098	0.020				7006939
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0098				7006939
24'5-TriCB-(31)	ng/g	0.0223	0.00096	0.0098				7006939
24'6-TriCB-(32)	ng/g	<0.0015 (1)	0.0015	0.0098				7006939
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0098				7006939
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0098				7006939
33'5-TriCB-(36)	ng/g	<0.00092	0.00092	0.0098				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.0098				7006939
345-TriCB-(38)	ng/g	<0.00096	0.00096	0.0098				7006939
34'5-TriCB-(39)	ng/g	<0.00096	0.00096	0.0098				7006939
TetraCB-(40)+(41)+(71)	ng/g	0.0038	0.0010	0.030				7006939
22'34'-TetraCB-(42)	ng/g	0.0037	0.0013	0.0098				7006939
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.0098				7006939
TetraCB-(44)+(47)+(65)	ng/g	0.0437	0.00098	0.030				7006939
TetraCB-(45)+(51)	ng/g	0.0014	0.0011	0.020				7006939
22'36'-TetraCB-(46)	ng/g	<0.0012	0.0012	0.0098				7006939
22'45-TetraCB-(48)	ng/g	<0.0010	0.0010	0.0098				7006939
TetraCB-(49)+TetraCB-(69)	ng/g	0.0338	0.00094	0.020				7006939
TetraCB-(50)+(53)	ng/g	<0.0010	0.0010	0.020				7006939
22'55'-TetraCB-(52)	ng/g	0.101	0.0011	0.0098				7006939
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.0098				7006939
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0098				7006939
233'4'-Tetra CB(56)	ng/g	0.0167	0.0014	0.0098				7006939
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0098				7006939
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0098				7006939
TetraCB-(59)+(62)+(75)	ng/g	0.00429	0.00078	0.030				7006939
2344'-TetraCB -(60)	ng/g	0.0266	0.0014	0.0098				7006939
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.234	0.0012	0.039				7006939
234'5-TetraCB-(63)	ng/g	0.0058	0.0012	0.0098				7006939
234'6-TetraCB-(64)	ng/g	0.0197	0.00085	0.0098				7006939
23'44'-TetraCB-(66)	ng/g	0.139	0.0013	0.0098				7006939
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0098				7006939
23'45'-TetraCB-(68)	ng/g	0.0025	0.0012	0.0098				7006939
23'55'-TetraCB-(72)	ng/g	0.0036	0.0014	0.0098				7006939
23'5'6-TetraCB-(73)	ng/g	<0.00073	0.00073	0.0098				7006939
33'44'-TetraCB-(77)	ng/g	0.0041	0.0018	0.0098	0.000100	0.000000410		7006939
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0098				7006939
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0098				7006939
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0098				7006939
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.0098	0.000300	0.000000540		7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0069	0.0011	0.0098				7006939
PentaCB-(83)+(99)	ng/g	0.381	0.00090	0.020				7006939
22'33'6-PentaCB-(84)	ng/g	0.0137	0.00099	0.0098				7006939
PentaCB-(85)+(116)+(117)	ng/g	0.0835	0.00074	0.030				7006939
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.111	0.00076	0.059				7006939
PentaCB-(88)+(91)	ng/g	0.0116	0.00087	0.020				7006939
22'346'-PentaCB-(89)	ng/g	<0.00094	0.00094	0.0098				7006939
PentaCB-(90)+(101)+(113)	ng/g	0.337	0.00076	0.030				7006939
22'355'-PentaCB-(92)	ng/g	0.0843	0.00092	0.0098				7006939
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00087	0.00087	0.039				7006939
22'356'-PentaCB-(94)	ng/g	<0.00094	0.00094	0.0098				7006939
22'35'6-PentaCB-(95)	ng/g	0.0961	0.00085	0.0098				7006939
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0098				7006939
22'45'6-PentaCB-(103)	ng/g	0.00146	0.00077	0.0098				7006939
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0098				7006939
233'44'-PentaCB-(105)	ng/g	0.249	0.00088	0.0098	0.0000300	0.00000747		7006939
233'45-PentaCB-(106)	ng/g	<0.00063	0.00063	0.0098				7006939
233'4'5-PentaCB-(107)	ng/g	0.0450	0.00061	0.0098				7006939
PentaCB-(108)+(124)	ng/g	0.0153	0.00067	0.020				7006939
PentaCB-(110)+(115)	ng/g	0.295	0.00072	0.020				7006939
233'55'-PentaCB-(111)	ng/g	<0.00068	0.00068	0.0098				7006939
233'56-PentaCB-(112)	ng/g	<0.00065	0.00065	0.0098				7006939
2344'5-PentaCB-(114)	ng/g	0.0149	0.00088	0.0098	0.0000300	0.000000447		7006939
23'44'5-PentaCB-(118)	ng/g	0.806	0.00088	0.0098	0.0000300	0.0000242		7006939
23'455'-PentaCB-(120)	ng/g	0.00271	0.00068	0.0098				7006939
23'45'6-PentaCB-(121)	ng/g	<0.00065	0.00065	0.0098				7006939
233'4'5'-PentaCB-(122)	ng/g	0.00228	0.00071	0.0098				7006939
23'44'5'-PentaCB-(123)	ng/g	0.00640	0.00096	0.0098	0.0000300	0.000000192		7006939
33'44'5-PentaCB-(126)	ng/g	<0.00084	0.00084	0.0098	0.100	0.0000840		7006939
33'455'-PentaCB-(127)	ng/g	<0.00069	0.00069	0.0098				7006939
HexaCB-(128)+(166)	ng/g	0.0882	0.0012	0.020				7006939
HexaCB-(129)+(138)+(163)	ng/g	0.657	0.0012	0.030				7006939
22'33'45'-HexaCB-(130)	ng/g	0.0120	0.0014	0.0098				7006939

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0014	0.0014	0.0098				7006939
22'33'46'-HexaCB-(132)	ng/g	0.0256	0.0013	0.0098				7006939
22'33'55'-HexaCB-(133)	ng/g	0.0101	0.0012	0.0098				7006939
HexaCB-(134)+(143)	ng/g	0.0055	0.0015	0.020				7006939
HexaCB-(135)+(151)	ng/g	0.0831	0.0059	0.020				7006939
22'33'66'-HexaCB-(136)	ng/g	0.0107	0.0042	0.0098				7006939
22'344'5-HexaCB-(137)	ng/g	0.0443	0.0015	0.0098				7006939
HexaCB-(139)+(140)	ng/g	<0.0064 (1)	0.0064	0.020				7006939
22'3455'-HexaCB-(141)	ng/g	0.0509	0.0013	0.0098				7006939
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.0098				7006939
22'345'6-HexaCB-(144)	ng/g	0.0086	0.0063	0.0098				7006939
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.0098				7006939
22'34'55'-HexaCB-(146)	ng/g	0.0645	0.0011	0.0098				7006939
HexaCB-(147)+(149)	ng/g	0.0789	0.0013	0.020				7006939
22'34'56'-HexaCB-(148)	ng/g	<0.0059	0.0059	0.0098				7006939
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.0098				7006939
22'3566'-HexaCB-(152)	ng/g	<0.0043	0.0043	0.0098				7006939
HexaCB-(153)+(168)	ng/g	0.662	0.00097	0.0098				7006939
22'44'56'-HexaCB-(154)	ng/g	0.0076	0.0049	0.0098				7006939
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.0098				7006939
HexaCB-(156)+(157)	ng/g	0.0874	0.0030	0.020	0.0000300	0.00000262		7006939
233'44'6-HexaCB-(158)	ng/g	0.0512	0.00093	0.0098				7006939
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0098				7006939
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0098				7006939
233'45'6-HexaCB-(161)	ng/g	<0.00094	0.00094	0.0098				7006939
233'4'55'-HexaCB-(162)	ng/g	0.0030	0.0020	0.0098				7006939
233'4'5'6-HexaCB-(164)	ng/g	0.00577	0.00087	0.0098				7006939
233'55'6-HexaCB-(165)	ng/g	<0.0010	0.0010	0.0098				7006939
23'44'55'-HexaCB-(167)	ng/g	0.0346	0.0029	0.0098	0.0000300	0.00000104		7006939
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.0098	0.0300	0.0000900		7006939
22'33'44'5-HeptaCB-(170)	ng/g	0.0777	0.0014	0.0098				7006939
HeptaCB-(171)+(173)	ng/g	0.0242	0.0016	0.020				7006939

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0151	0.0017	0.0098				7006939
22'33'456'-HeptaCB-(174)	ng/g	0.0180	0.0014	0.0098				7006939
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0098				7006939
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.0098				7006939
22'33'45'6'-HeptaCB-(177)	ng/g	0.0098	0.0015	0.0098				7006939
22'33'55'6-HeptaCB-(178)	ng/g	0.0221	0.0030	0.0098				7006939
22'33'566'-HeptaCB-(179)	ng/g	0.0158	0.0020	0.0098				7006939
HeptaCB-(180)+(193)	ng/g	0.218	0.0014	0.020				7006939
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0098				7006939
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0098				7006939
22'344'5'6-HeptaCB-(183)	ng/g	0.0595	0.0013	0.0098				7006939
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0098				7006939
22'3455'6-HeptaCB-(185)	ng/g	<0.0015	0.0015	0.0098				7006939
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0098				7006939
22'34'55'6-HeptaCB-(187)	ng/g	0.0858	0.0026	0.0098				7006939
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0098				7006939
233'44'55'-HeptaCB-(189)	ng/g	0.0033	0.0013	0.0098	0.0000300	0.000000099		7006939
233'44'56-HeptaCB-(190)	ng/g	0.0162	0.0015	0.0098				7006939
233'44'5'6-HeptaCB-(191)	ng/g	0.0037	0.0013	0.0098				7006939
233'455'6-HeptaCB-(192)	ng/g	<0.0013	0.0013	0.0098				7006939
22'33'44'55'-OctaCB-(194)	ng/g	0.0276	0.0030	0.0098				7006939
22'33'44'56-OctaCB-(195)	ng/g	0.0116	0.0032	0.0098				7006939
22'33'44'56'-OctaCB-(196)	ng/g	0.0140	0.0035	0.0098				7006939
22'33'44'66'OctaCB-(197)	ng/g	<0.0024	0.0024	0.0098				7006939
OctaCB-(198)+(199)	ng/g	0.0256	0.0034	0.020				7006939
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.0098				7006939
22'33'45'66'-OctaCB-(201)	ng/g	0.0037	0.0022	0.0098				7006939
22'33'55'66'-OctaCB-(202)	ng/g	0.0105	0.0023	0.0098				7006939
22'344'55'6-OctaCB-(203)	ng/g	0.0201	0.0033	0.0098				7006939
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.0098				7006939
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.0098				7006939
22'33'44'55'6-NonaCB-(206)	ng/g	0.0063	0.0035	0.0098				7006939
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0098				7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0098				7006939
DecaCB-(209)	ng/g	<0.0061	0.0061	0.0098				7006939
TOTAL TOXIC EQUIVALENCY	ng/g					0.000211		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93						7006939
C13-22'33'44'55'6-NonaCB-(206)	%	82						7006939
C13-22'33'44'5-HeptaCB-(170)	%	90						7006939
C13-22'33'455'66'-NonaCB-(208)	%	85						7006939
C13-22'33'55'66'-OctaCB-(202)	%	82						7006939
C13-22'33'55'6-HeptaCB-(178)	%	86						7006939
C13-22'344'55'-HeptaCB-(180)	%	93						7006939
C13-22'34'566'-HeptaCB-(188)	%	67						7006939
C13-22'44'66'-HexaCB-(155)	%	69						7006939
C13-22'466'-PentaCB-(104)	%	50						7006939
C13-22'66'-TetraCB-(54)	%	45						7006939
C13-22'6-TriCB-(19)	%	42						7006939
C13-22'-DiCB-(4)	%	30						7006939
C13-233'44'55'6-OctaCB-(205)	%	77						7006939
C13-233'44'55'-HeptaCB-(189)	%	99						7006939
C13-233'44'-PentaCB-(105)	%	78						7006939
C13-233'55'-PentaCB-(111)	%	90						7006939
C13-23'44'55'-HexaCB-(167)	%	92						7006939
C13-2344'5-PentaCB-(114)	%	79						7006939
C13-23'44'5-PentaCB-(118)	%	79						7006939
C13-2'344'5-PentaCB-(123)	%	78						7006939
C13-2-MonoCB-(1)	%	30						7006939
C13-33'44'55'-HexaCB-(169)	%	80						7006939
C13-33'44'5-PentaCB-(126)	%	75						7006939
C13-33'44'-TetraCB-(77)	%	95						7006939
C13-344'5-TetraCB-(81)	%	98						7006939
C13-344'-TriCB-(37)	%	79						7006939
C13-44'-DiCB-(15)	%	55						7006939
C13-4-MonoCB-(3)	%	36						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	82						7006939
C13-HexaCB-(156)+(157)	%	87						7006939

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0062	0.0062	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.020	0.020	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.021	0.021	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.021	0.021	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.022	0.022	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.021	0.021	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0071	0.0071	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.037	0.037	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.021	0.021	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.021	0.021	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.038	0.038	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0049	0.0049	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0039	0.0039	0.0099				7055807
TriCB-(18)+(30)	ng/g	<0.0032	0.0032	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0279	0.0010	0.020				7055807
TriCB-(21)+(33)	ng/g	0.0031	0.0011	0.020				7055807
234'-TriCB-(22)	ng/g	0.0040	0.0011	0.0099				7055807
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0027	0.0027	0.0099				7055807
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.0016	0.0011	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.0195	0.0010	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00099	0.00099	0.0099				7055807
344'-TriCB-(37)	ng/g	0.0068	0.0019	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0062	0.0015	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0051	0.0018	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0228	0.0014	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.0021	0.0014	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0114	0.0013	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0380	0.0016	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.0058	0.0058	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0092	0.0023	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0017	0.0011	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0167	0.0023	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.107	0.0020	0.040				7055807
234'5-TetraCB-(63)	ng/g	<0.0020	0.0020	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.0107	0.0012	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.0657	0.0021	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.0019	0.0019	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	<0.0020	0.0020	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0045	0.0030	0.0099	0.000100	0.000000450		7055807
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.0099				7055807
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.0029	0.0029	0.0099	0.000300	0.000000870		7055807
22'33'4-PentaCB-(82)	ng/g	0.0051	0.0030	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0808	0.0026	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0084	0.0028	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0170	0.0021	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0358	0.0022	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.0055	0.0025	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0859	0.0022	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0154	0.0026	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0348	0.0024	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.0031	0.0031	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0484	0.0021	0.0099	0.0000300	0.00000145		7055807
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0084	0.0015	0.0099				7055807
PentaCB-(108)+(124)	ng/g	<0.0016	0.0016	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0744	0.0021	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630		7055807
23'44'5-PentaCB-(118)	ng/g	0.151	0.0021	0.0099	0.0000300	0.00000453		7055807
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	<0.0023	0.0023	0.0099	0.0000300	0.0000000690		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.0099	0.100	0.000200		7055807
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0175	0.0032	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.101	0.0034	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0099				7055807
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0097	0.0036	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0034	0.0034	0.0099				7055807
HexaCB-(134)+(143)	ng/g	<0.0041	0.0041	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0174	0.0079	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0057	0.0057	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	<0.0041	0.0041	0.0099				7055807
HexaCB-(139)+(140)	ng/g	<0.0031	0.0031	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0052	0.0036	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0084	0.0084	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0058	0.0058	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0126	0.0031	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.0519	0.0035	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0079	0.0079	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0053	0.0053	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0057	0.0057	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.127	0.0027	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0066	0.0066	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0035	0.0035	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0121	0.0019	0.020	0.0000300	0.000000363		7055807
233'44'6-HexaCB-(158)	ng/g	0.0066	0.0026	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0030	0.0030	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	<0.0024	0.0024	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0059	0.0018	0.0099	0.0000300	0.000000177		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0102	0.0031	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	0.0038	0.0035	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0037	0.0037	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0040	0.0031	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0053	0.0053	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0037	0.0037	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0065	0.0034	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0055	0.0055	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0041	0.0036	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0285	0.0031	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0051	0.0051	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0091	0.0028	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0035	0.0035	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0034	0.0034	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0038	0.0038	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0185	0.0048	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0099	0.0000300	0.0000000720		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0033	0.0033	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0030	0.0030	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0072	0.0072	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0075	0.0075	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0088	0.0088	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0060	0.0060	0.0099				7055807
OctaCB-(198)+(199)	ng/g	<0.0085	0.0085	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0051	0.0051	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0056	0.0056	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0057	0.0057	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0082	0.0082	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0058	0.0058	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0067	0.0067	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0065	0.0065	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052	0.0052	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.0099				7055807
DecaCB-(209)	ng/g	<0.012	0.012	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000265		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	98						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	78						7055807
C13-22'33'44'5-HeptaCB-(170)	%	81						7055807
C13-22'33'455'66'-NonaCB-(208)	%	80						7055807
C13-22'33'55'66'-OctaCB-(202)	%	78						7055807
C13-22'33'55'6-HeptaCB-(178)	%	80						7055807
C13-22'344'55'-HeptaCB-(180)	%	83						7055807
C13-22'34'566'-HeptaCB-(188)	%	75						7055807
C13-22'44'66'-HexaCB-(155)	%	86						7055807
C13-22'466'-PentaCB-(104)	%	59						7055807
C13-22'66'-TetraCB-(54)	%	59						7055807
C13-22'6-TriCB-(19)	%	54						7055807
C13-22'-DiCB-(4)	%	44						7055807
C13-233'44'55'6-OctaCB-(205)	%	84						7055807
C13-233'44'55'-HeptaCB-(189)	%	94						7055807
C13-233'44'-PentaCB-(105)	%	76						7055807
C13-233'55'-PentaCB-(111)	%	86						7055807
C13-23'44'55'-HexaCB-(167)	%	92						7055807
C13-2344'5-PentaCB-(114)	%	77						7055807
C13-23'44'5-PentaCB-(118)	%	78						7055807
C13-2'344'5-PentaCB-(123)	%	78						7055807
C13-2-MonoCB-(1)	%	46						7055807
C13-33'44'55'-HexaCB-(169)	%	81						7055807
C13-33'44'5-PentaCB-(126)	%	71						7055807
C13-33'44'-TetraCB-(77)	%	93						7055807
C13-344'5-TetraCB-(81)	%	93						7055807
C13-344'-TriCB-(37)	%	86						7055807
C13-44'-DiCB-(15)	%	68						7055807
C13-4-MonoCB-(3)	%	52						7055807
C13-DecaCB-(209)	%	73						7055807
C13-HexaCB-(156)+(157)	%	90						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010				7055807
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.010				7055807
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.010				7055807
22'-DiCB-(4)	ng/g	<0.0047	0.0047	0.010				7055807
2,3-DiCB-(5)	ng/g	<0.023	0.023	0.010				7055807
2,3'-DiCB-(6)	ng/g	<0.024	0.024	0.010				7055807
2,4-DiCB-(7)	ng/g	<0.024	0.024	0.010				7055807
2,4'-DiCB-(8)	ng/g	<0.026	0.026	0.010				7055807
2,5-DiCB-(9)	ng/g	<0.025	0.025	0.010				7055807
2,6-DiCB-(10)	ng/g	<0.0055	0.0055	0.010				7055807
3,3'-DiCB-(11)	ng/g	<0.043	0.043	0.010				7055807
DiCB-(12)+(13)	ng/g	<0.024	0.024	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.025	0.025	0.010				7055807
4,4'-DiCB-(15)	ng/g	<0.045	0.045	0.010				7055807
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.010				7055807
22'4-TriCB-(17)	ng/g	<0.0023	0.0023	0.010				7055807
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.010				7055807
TriCB-(20) + (28)	ng/g	0.0154	0.0011	0.020				7055807
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7055807
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.010				7055807
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010				7055807
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010				7055807
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.010				7055807
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.010				7055807
24'5-TriCB-(31)	ng/g	0.0093	0.0011	0.010				7055807
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.010				7055807
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.010				7055807
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.010				7055807
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.010				7055807
344'-TriCB-(37)	ng/g	0.0030	0.0020	0.010				7055807

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.010				7055807
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.010				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0025	0.0016	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0022	0.0020	0.010				7055807
22'35-TetraCB-(43)	ng/g	<0.0022	0.0022	0.010				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0106	0.0016	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.010				7055807
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.010				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0060	0.0015	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0199	0.0018	0.010				7055807
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.010				7055807
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.010				7055807
233'4'-Tetra CB(56)	ng/g	0.0052	0.0024	0.010				7055807
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.010				7055807
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.010				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0073	0.0024	0.010				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0587	0.0021	0.040				7055807
234'5-TetraCB-(63)	ng/g	<0.0021	0.0021	0.010				7055807
234'6-TetraCB-(64)	ng/g	0.0047	0.0013	0.010				7055807
23'44'-TetraCB-(66)	ng/g	0.0384	0.0022	0.010				7055807
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.010				7055807
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.010				7055807
23'55'-TetraCB-(72)	ng/g	<0.0024	0.0024	0.010				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.010				7055807
33'44'-TetraCB-(77)	ng/g	<0.0031	0.0031	0.010	0.000100	0.000000310		7055807
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.010				7055807
33'45'-TetraCB(79)	ng/g	<0.0019	0.0019	0.010				7055807
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.010				7055807
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.010	0.000300	0.000000930		7055807
22'33'4-PentaCB-(82)	ng/g	<0.0022	0.0022	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0415	0.0019	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0046	0.0021	0.010				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0095	0.0016	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0252	0.0016	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0031	0.0018	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0020	0.0020	0.010				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0551	0.0016	0.030				7055807
22'355'-PentaCB-(92)	ng/g	<0.0095 (1)	0.0095	0.010				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0018	0.0018	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.010				7055807
22'35'6-PentaCB-(95)	ng/g	0.0203	0.0018	0.010				7055807
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0016	0.0016	0.010				7055807
22'466'-PentaCB-(104)	ng/g	<0.0017	0.0017	0.010				7055807
233'44'-PentaCB-(105)	ng/g	0.0337	0.0020	0.010	0.0000300	0.00000101		7055807
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010				7055807
233'4'5-PentaCB-(107)	ng/g	0.0043	0.0014	0.010				7055807
PentaCB-(108)+(124)	ng/g	<0.0015	0.0015	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0497	0.0015	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.010				7055807
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.010				7055807
2344'5-PentaCB-(114)	ng/g	<0.0019	0.0019	0.010	0.0000300	0.0000000570		7055807
23'44'5-PentaCB-(118)	ng/g	0.0896	0.0020	0.010	0.0000300	0.00000269		7055807
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.010				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.010				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.010				7055807
23'44'5'-PentaCB-(123)	ng/g	<0.0021	0.0021	0.010	0.0000300	0.0000000630		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.010	0.100	0.000190		7055807
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.010				7055807
HexaCB-(128)+(166)	ng/g	0.0100	0.0017	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.0605	0.0018	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0028	0.0021	0.010				7055807

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0021	0.0021	0.010				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0070	0.0019	0.010				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0018	0.0018	0.010				7055807
HexaCB-(134)+(143)	ng/g	<0.0022	0.0022	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0107	0.0059	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0043	0.0043	0.010				7055807
22'344'5-HexaCB-(137)	ng/g	<0.0022 (1)	0.0022	0.010				7055807
HexaCB-(139)+(140)	ng/g	<0.0017	0.0017	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0038	0.0019	0.010				7055807
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.010				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0063	0.0063	0.010				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0044	0.0044	0.010				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0083	0.0017	0.010				7055807
HexaCB-(147)+(149)	ng/g	0.0312	0.0019	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0059	0.0059	0.010				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.010				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0043	0.0043	0.010				7055807
HexaCB-(153)+(168)	ng/g	0.0488	0.0014	0.010				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0050	0.0050	0.010				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.010				7055807
HexaCB-(156)+(157)	ng/g	0.0099	0.0021	0.020	0.0000300	0.000000297		7055807
233'44'6-HexaCB-(158)	ng/g	0.0048	0.0014	0.010				7055807
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.010				7055807
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.010				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.010				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0017	0.0013	0.010				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.010				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0034	0.0020	0.010	0.0000300	0.000000102		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.010	0.0300	0.0000630		7055807
22'33'44'5-HeptaCB-(170)	ng/g	<0.0045 (1)	0.0045	0.010				7055807
HeptaCB-(171)+(173)	ng/g	0.0026	0.0018	0.020				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0020	0.0020	0.010				7055807
22'33'456'-HeptaCB-(174)	ng/g	<0.0016	0.0016	0.010				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.010				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0031	0.0031	0.010				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0036 (1)	0.0036	0.010				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0046	0.0046	0.010				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0031	0.0030	0.010				7055807
HeptaCB-(180)+(193)	ng/g	0.0141	0.0016	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.010				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.010				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0042	0.0015	0.010				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.010				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.010				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0032	0.0032	0.010				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0115	0.0040	0.010				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0032	0.0032	0.010				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0018	0.0018	0.010				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0015	0.0015	0.010				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0016	0.0016	0.010				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035	0.0035	0.010				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.010				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0041	0.0041	0.010				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.010				7055807
OctaCB-(198)+(199)	ng/g	<0.0039	0.0039	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0024	0.0024	0.010				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0026	0.0026	0.010				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0026	0.0026	0.010				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0038	0.0038	0.010				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.010				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0033	0.0033	0.010				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.010				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.010				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0043	0.0043	0.010				7055807
DecaCB-(209)	ng/g	<0.0068	0.0068	0.010				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000259		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	101						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	78						7055807
C13-22'33'44'5-HeptaCB-(170)	%	82						7055807
C13-22'33'455'66'-NonaCB-(208)	%	83						7055807
C13-22'33'55'66'-OctaCB-(202)	%	77						7055807
C13-22'33'55'6-HeptaCB-(178)	%	86						7055807
C13-22'344'55'-HeptaCB-(180)	%	83						7055807
C13-22'34'566'-HeptaCB-(188)	%	77						7055807
C13-22'44'66'-HexaCB-(155)	%	88						7055807
C13-22'466'-PentaCB-(104)	%	59						7055807
C13-22'66'-TetraCB-(54)	%	57						7055807
C13-22'6-TriCB-(19)	%	51						7055807
C13-22'-DiCB-(4)	%	40						7055807
C13-233'44'55'6-OctaCB-(205)	%	85						7055807
C13-233'44'55'-HeptaCB-(189)	%	99						7055807
C13-233'44'-PentaCB-(105)	%	83						7055807
C13-233'55'-PentaCB-(111)	%	90						7055807
C13-23'44'55'-HexaCB-(167)	%	101						7055807
C13-2344'5-PentaCB-(114)	%	84						7055807
C13-23'44'5-PentaCB-(118)	%	87						7055807
C13-2'344'5-PentaCB-(123)	%	83						7055807
C13-2-MonoCB-(1)	%	39						7055807
C13-33'44'55'-HexaCB-(169)	%	92						7055807
C13-33'44'5-PentaCB-(126)	%	80						7055807
C13-33'44'-TetraCB-(77)	%	107						7055807
C13-344'5-TetraCB-(81)	%	108						7055807
C13-344'-TriCB-(37)	%	92						7055807
C13-44'-DiCB-(15)	%	68						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	49						7055807
C13-DecaCB-(209)	%	79						7055807
C13-HexaCB-(156)+(157)	%	97						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00070	0.00070	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.0099				7055807
2,4'-DiCB-(8)	ng/g	0.00126	0.00097	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0099				7055807
3,3'-DiCB-(11)	ng/g	0.0022	0.0010	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.0019	0.0019	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0041	0.0041	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0086	0.0022	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0398	0.00076	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00303	0.00076	0.020				7055807
234'-TriCB-(22)	ng/g	<0.0051 (1)	0.0051	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.0099				7055807
23'4-TriCB-(25)	ng/g	0.00099	0.00076	0.0099				7055807
TriCB-(26)+(29)	ng/g	<0.0029 (1)	0.0029	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0019	0.0019	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.0315	0.00072	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00078	0.00078	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00067	0.00067	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0047	0.0014	0.0099				7055807
345-TriCB-(38)	ng/g	<0.00075	0.00075	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0091	0.0015	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0087	0.0018	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0759	0.0014	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.0056	0.0014	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0399	0.0013	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.159	0.0015	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.0010	0.0010	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0131	0.0011	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.0010	0.0010	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0046	0.0011	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0274	0.0011	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.191	0.0010	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0069	0.0010	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.0285	0.0012	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.105	0.0010	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.00092	0.00092	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	0.00231	0.00099	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	0.0019	0.0010	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00099	0.00099	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0081	0.0016	0.0099	0.000100	0.000000810		7055807
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0099				7055807
33'45'-TetraCB(79)	ng/g	0.00168	0.00093	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.00092	0.00092	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.0099	0.000300	0.000000480		7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0063	0.0021	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.309	0.0018	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0121	0.0019	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0622	0.0014	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0921	0.0015	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0141	0.0017	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.320	0.0015	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0626	0.0018	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017	0.0017	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0761	0.0016	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.0017	0.0017	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00098	0.00098	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.179	0.00085	0.0099	0.0000300	0.00000537		7055807
233'45-PentaCB-(106)	ng/g	<0.00065	0.00065	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0369	0.00056	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.0113	0.00063	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.234	0.0014	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0106	0.00084	0.0099	0.0000300	0.000000318		7055807
23'44'5-PentaCB-(118)	ng/g	0.551	0.00084	0.0099	0.0000300	0.0000165		7055807
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	0.00257	0.00070	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.00459	0.00092	0.0099	0.0000300	0.000000138		7055807
33'44'5-PentaCB-(126)	ng/g	0.00121	0.00081	0.0099	0.100	0.000121		7055807
33'455'-PentaCB-(127)	ng/g	<0.00065	0.00065	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0721	0.0014	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.623	0.0016	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0206	0.0019	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0284	0.0017	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	0.0103	0.0017	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.0076	0.0018	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.075	0.011	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0076	0.0076	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.0226	0.0017	0.0099				7055807
HexaCB-(139)+(140)	ng/g	0.0050	0.0015	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0346	0.0016	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.011	0.011	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0075	0.0075	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0866	0.0014	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.146	0.0015	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.011	0.011	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0075	0.0075	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0068	0.0068	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.590	0.0013	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0092	0.0092	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0037	0.0037	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0620	0.0019	0.020	0.0000300	0.00000186		7055807
233'44'6-HexaCB-(158)	ng/g	0.0311	0.0012	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	0.0033	0.0012	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0149	0.0012	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0241	0.0018	0.0099	0.0000300	0.000000723		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0425	0.0014	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	0.0148	0.0016	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	0.0091	0.0018	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0152	0.0015	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0233	0.0017	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0241	0.0037	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0144	0.0025	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.139	0.0014	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0015	0.0015	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0272	0.0013	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0017	0.0017	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.114	0.0033	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	0.0026	0.0010	0.0099	0.0000300	0.0000000780		7055807
233'44'56-HeptaCB-(190)	ng/g	0.0099	0.0014	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	0.0026	0.0013	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	0.0159	0.0017	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0036 (1)	0.0036	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	0.0077	0.0040	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.0099				7055807
OctaCB-(198)+(199)	ng/g	0.0153	0.0039	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	0.0031	0.0026	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	0.0118	0.0025	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	0.0122	0.0037	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.0099				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0026	0.0026	0.0099				7055807
DecaCB-(209)	ng/g	<0.0033	0.0033	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000204		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	75						7055807
C13-22'33'44'5-HeptaCB-(170)	%	82						7055807
C13-22'33'455'66'-NonaCB-(208)	%	80						7055807
C13-22'33'55'66'-OctaCB-(202)	%	77						7055807
C13-22'33'55'6-HeptaCB-(178)	%	75						7055807
C13-22'344'55'-HeptaCB-(180)	%	82						7055807
C13-22'34'566'-HeptaCB-(188)	%	69						7055807
C13-22'44'66'-HexaCB-(155)	%	59						7055807
C13-22'466'-PentaCB-(104)	%	65						7055807
C13-22'66'-TetraCB-(54)	%	49						7055807
C13-22'6-TriCB-(19)	%	48						7055807
C13-22'-DiCB-(4)	%	39						7055807
C13-233'44'55'6-OctaCB-(205)	%	81						7055807
C13-233'44'55'-HeptaCB-(189)	%	84						7055807
C13-233'44'-PentaCB-(105)	%	88						7055807
C13-233'55'-PentaCB-(111)	%	82						7055807
C13-23'44'55'-HexaCB-(167)	%	81						7055807
C13-2344'5-PentaCB-(114)	%	85						7055807
C13-23'44'5-PentaCB-(118)	%	89						7055807
C13-2'344'5-PentaCB-(123)	%	88						7055807
C13-2-MonoCB-(1)	%	44						7055807
C13-33'44'55'-HexaCB-(169)	%	74						7055807
C13-33'44'5-PentaCB-(126)	%	82						7055807
C13-33'44'-TetraCB-(77)	%	74						7055807
C13-344'5-TetraCB-(81)	%	76						7055807
C13-344'-TriCB-(37)	%	83						7055807
C13-44'-DiCB-(15)	%	67						7055807
C13-4-MonoCB-(3)	%	53						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	72						7055807
C13-HexaCB-(156)+(157)	%	78						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00080	0.00080	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00073	0.00073	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00077	0.00077	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0086	0.0086	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0080	0.0080	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0082	0.0082	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0076	0.0076	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0080	0.0080	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0082	0.0082	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0080	0.0080	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0079	0.0079	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0055	0.0055	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0036	0.0036	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0048	0.0029	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0363	0.0011	0.020				7055807
TriCB-(21)+(33)	ng/g	0.0040	0.0011	0.020				7055807
234'-TriCB-(22)	ng/g	0.0044	0.0011	0.0099				7055807
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0099				7055807
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7055807
TriCB-(26)+(29)	ng/g	<0.0022 (1)	0.0022	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.0198	0.0010	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.0024	0.0024	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00097	0.00097	0.0099				7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0070	0.0020	0.0099				7055807
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0123	0.0017	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0099	0.0021	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0597	0.0016	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.0058	0.0017	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0295	0.0015	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.111	0.0017	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0118	0.0016	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0046	0.0013	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0285	0.0015	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.164	0.0015	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0050	0.0014	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.0217	0.0013	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.111	0.0014	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0074	0.0023	0.0099	0.000100	0.000000740		7055807
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099				7055807
33'45'-TetraCB(79)	ng/g	0.0016	0.0013	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660		7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0077	0.0032	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.176	0.0028	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0115	0.0030	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0356	0.0021	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0771	0.0023	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0098	0.0026	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0028	0.0028	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.197	0.0023	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0355	0.0027	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0687	0.0025	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.102	0.0015	0.0099	0.0000300	0.00000306		7055807
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0185	0.00097	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.0060	0.0011	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.153	0.0022	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0055	0.0014	0.0099	0.0000300	0.000000165		7055807
23'44'5-PentaCB-(118)	ng/g	0.285	0.0014	0.0099	0.0000300	0.00000855		7055807
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	0.0017	0.0012	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0036	0.0016	0.0099	0.0000300	0.000000108		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140		7055807
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0380	0.0025	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.283	0.0027	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0123	0.0033	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0239	0.0030	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	0.0044	0.0029	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.0063	0.0031	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.045	0.010	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0075	0.0073	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.0124	0.0029	0.0099				7055807
HexaCB-(139)+(140)	ng/g	0.0032	0.0026	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0138	0.0027	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.010	0.010	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0073	0.0073	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0405	0.0024	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.118	0.0025	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.010	0.010	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0073	0.0073	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0066	0.0066	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.267	0.0022	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0089	0.0089	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0036	0.0036	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0273	0.0023	0.020	0.0000300	0.000000819		7055807
233'44'6-HexaCB-(158)	ng/g	0.0164	0.0020	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0071	0.0020	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0117	0.0022	0.0099	0.0000300	0.000000351		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0099	0.0300	0.0000690		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0164	0.0039	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	0.0092	0.0044	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0049	0.0049	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0085	0.0042	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060	0.0060	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0043	0.0043	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0138	0.0046	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0091	0.0062	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0105	0.0042	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0478	0.0039	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0042	0.0042	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0059	0.0059	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0148	0.0035	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0040	0.0040	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0046	0.0046	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0043	0.0043	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0503	0.0055	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0041	0.0041	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0038	0.0038	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0036	0.0036	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	0.0050	0.0031	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0033	0.0033	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0054	0.0054	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0099				7055807
OctaCB-(198)+(199)	ng/g	0.0054	0.0053	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0035	0.0035	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	0.0048	0.0034	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0045	0.0045	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0047	0.0047	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.010	0.010	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000224		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	74						7055807
C13-22'33'44'5-HeptaCB-(170)	%	86						7055807
C13-22'33'455'66'-NonaCB-(208)	%	82						7055807
C13-22'33'55'66'-OctaCB-(202)	%	89						7055807
C13-22'33'55'6-HeptaCB-(178)	%	70						7055807
C13-22'344'55'-HeptaCB-(180)	%	91						7055807
C13-22'34'566'-HeptaCB-(188)	%	70						7055807
C13-22'44'66'-HexaCB-(155)	%	64						7055807
C13-22'466'-PentaCB-(104)	%	67						7055807
C13-22'66'-TetraCB-(54)	%	49						7055807
C13-22'6-TriCB-(19)	%	51						7055807
C13-22'-DiCB-(4)	%	41						7055807
C13-233'44'55'6-OctaCB-(205)	%	79						7055807
C13-233'44'55'-HeptaCB-(189)	%	82						7055807
C13-233'44'-PentaCB-(105)	%	75						7055807
C13-233'55'-PentaCB-(111)	%	76						7055807
C13-23'44'55'-HexaCB-(167)	%	70						7055807
C13-2344'5-PentaCB-(114)	%	77						7055807
C13-23'44'5-PentaCB-(118)	%	78						7055807
C13-2'344'5-PentaCB-(123)	%	78						7055807
C13-2-MonoCB-(1)	%	47						7055807
C13-33'44'55'-HexaCB-(169)	%	59						7055807
C13-33'44'5-PentaCB-(126)	%	67						7055807
C13-33'44'-TetraCB-(77)	%	62						7055807
C13-344'5-TetraCB-(81)	%	65						7055807
C13-344'-TriCB-(37)	%	77						7055807
C13-44'-DiCB-(15)	%	65						7055807
C13-4-MonoCB-(3)	%	56						7055807
C13-DecaCB-(209)	%	66						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	68						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0062	0.0062	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0058	0.0058	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0059	0.0059	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0055	0.0055	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0058	0.0058	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0059	0.0059	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0058	0.0058	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0057	0.0057	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0019	0.0016	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0131	0.00074	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00142	0.00075	0.020				7055807
234'-TriCB-(22)	ng/g	0.00179	0.00078	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00077	0.00077	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099				7055807
23'4-TriCB-(25)	ng/g	<0.00074	0.00074	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.00103	0.00073	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.00869	0.00071	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00077	0.00077	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00076	0.00076	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00066	0.00066	0.0099				7055807
344'-TriCB-(37)	ng/g	0.0026	0.0014	0.0099				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00074	0.00074	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00072	0.00072	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0028	0.0012	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0026	0.0015	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0017	0.0017	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0149	0.0012	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099				7055807
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0067	0.0011	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0264	0.0013	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.0019	0.0019	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.00088	0.00088	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.00434	0.00096	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.00088	0.00088	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.00090	0.00090	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.00093	0.00093	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.00608	0.00094	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0493	0.00090	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.00133	0.00086	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.00480	0.00098	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.0311	0.00089	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.00079	0.00079	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	<0.00085	0.00085	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	<0.00089	0.00089	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00084	0.00084	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0021	0.0014	0.0099	0.000100	0.000000210		7055807
33'45-TetraCB-(78)	ng/g	<0.00093	0.00093	0.0099				7055807
33'45'-TetraCB(79)	ng/g	<0.00080	0.00080	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.00079	0.00079	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.0099	0.000300	0.000000420		7055807
22'33'4-PentaCB-(82)	ng/g	0.0024	0.0020	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0469	0.0018	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0053	0.0019	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0091	0.0014	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0240	0.0015	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0034	0.0017	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0528	0.0014	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0097	0.0017	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017	0.0017	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0207	0.0016	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.0018	0.0018	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.0010	0.0010	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0290	0.0011	0.0099	0.0000300	0.000000870		7055807
233'45-PentaCB-(106)	ng/g	<0.00084	0.00084	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.00453	0.00073	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.00202	0.00082	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0474	0.0014	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0016	0.0011	0.0099	0.0000300	0.0000000480		7055807
23'44'5-PentaCB-(118)	ng/g	0.0869	0.0011	0.0099	0.0000300	0.00000261		7055807
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.00091	0.00091	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0013	0.0012	0.0099	0.0000300	0.0000000390		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0010	0.0010	0.0099	0.100	0.000100		7055807
33'455'-PentaCB-(127)	ng/g	<0.00084	0.00084	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0129	0.0011	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.0849	0.0012	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0038	0.0015	0.0099				7055807
22'33'46-HexaCB-(131)	ng/g	<0.0014	0.0014	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0078	0.0013	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0013	0.0013	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.0024	0.0014	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0140	0.0051	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0036	0.0036	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.0037	0.0013	0.0099				7055807
HexaCB-(139)+(140)	ng/g	<0.0011	0.0011	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	<0.0028 (1)	0.0028	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0051	0.0051	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0036	0.0036	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0103	0.0011	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.0414	0.0011	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0051	0.0051	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0036	0.0036	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.0803	0.00099	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0044	0.0044	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0093	0.0013	0.020	0.0000300	0.000000279		7055807
233'44'6-HexaCB-(158)	ng/g	<0.0051 (1)	0.0051	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.00088	0.00088	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.00097	0.00097	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.00096	0.00096	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.00086	0.00086	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.00158	0.00091	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.00097	0.00097	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0042	0.0012	0.0099	0.0000300	0.000000126		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390		7055807
22'33'44'5-HeptaCB-(170)	ng/g	<0.0035 (1)	0.0035	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	0.0034	0.0020	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0022	0.0022	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0019	0.0019	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0037	0.0037	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0026	0.0026	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0044 (1)	0.0044	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0038	0.0038	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0043	0.0026	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0118	0.0018	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0036	0.0036	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0050	0.0016	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0021	0.0021	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0156	0.0034	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0017	0.0017	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016	0.0016	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0016	0.0016	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0017	0.0017	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0041	0.0041	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0099				7055807
OctaCB-(198)+(199)	ng/g	<0.0040	0.0040	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0026	0.0026	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0038	0.0038	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0028	0.0028	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0023	0.0023	0.0099				7055807

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BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0030	0.0030	0.0099				7055807
DecaCB-(209)	ng/g	<0.0047	0.0047	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000144		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	103						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	80						7055807
C13-22'33'44'5-HeptaCB-(170)	%	89						7055807
C13-22'33'455'66'-NonaCB-(208)	%	88						7055807
C13-22'33'55'66'-OctaCB-(202)	%	92						7055807
C13-22'33'55'6-HeptaCB-(178)	%	77						7055807
C13-22'344'55'-HeptaCB-(180)	%	96						7055807
C13-22'34'566'-HeptaCB-(188)	%	75						7055807
C13-22'44'66'-HexaCB-(155)	%	65						7055807
C13-22'466'-PentaCB-(104)	%	71						7055807
C13-22'66'-TetraCB-(54)	%	56						7055807
C13-22'6-TriCB-(19)	%	53						7055807
C13-22'-DiCB-(4)	%	41						7055807
C13-233'44'55'6-OctaCB-(205)	%	89						7055807
C13-233'44'55'-HeptaCB-(189)	%	94						7055807
C13-233'44'-PentaCB-(105)	%	84						7055807
C13-233'55'-PentaCB-(111)	%	88						7055807
C13-23'44'55'-HexaCB-(167)	%	81						7055807
C13-2344'5-PentaCB-(114)	%	87						7055807
C13-23'44'5-PentaCB-(118)	%	89						7055807
C13-2'344'5-PentaCB-(123)	%	89						7055807
C13-2-MonoCB-(1)	%	44						7055807
C13-33'44'55'-HexaCB-(169)	%	66						7055807
C13-33'44'5-PentaCB-(126)	%	75						7055807
C13-33'44'-TetraCB-(77)	%	72						7055807
C13-344'5-TetraCB-(81)	%	76						7055807
C13-344'-TriCB-(37)	%	90						7055807
C13-44'-DiCB-(15)	%	73						7055807
C13-4-MonoCB-(3)	%	57						7055807

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	75						7055807
C13-HexaCB-(156)+(157)	%	78						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.010				7055807
3-MonoCB-(2)	ng/g	<0.00048	0.00048	0.010				7055807
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.010				7055807
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.010				7055807
2,3-DiCB-(5)	ng/g	<0.0061	0.0061	0.010				7055807
2,3'-DiCB-(6)	ng/g	<0.0057	0.0057	0.010				7055807
2,4-DiCB-(7)	ng/g	<0.0058	0.0058	0.010				7055807
2,4'-DiCB-(8)	ng/g	<0.0054	0.0054	0.010				7055807
2,5-DiCB-(9)	ng/g	<0.0056	0.0056	0.010				7055807
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.010				7055807
3,3'-DiCB-(11)	ng/g	<0.0058	0.0058	0.010				7055807
DiCB-(12)+(13)	ng/g	<0.0057	0.0057	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0056	0.0056	0.010				7055807
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.010				7055807
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.010				7055807
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.010				7055807
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.010				7055807
TriCB-(20) + (28)	ng/g	0.00569	0.00073	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00116	0.00073	0.020				7055807
234'-TriCB-(22)	ng/g	0.00140	0.00077	0.010				7055807
235-TriCB-(23)	ng/g	<0.00075	0.00075	0.010				7055807
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010				7055807
23'4-TriCB-(25)	ng/g	<0.00073	0.00073	0.010				7055807
TriCB-(26)+(29)	ng/g	0.00100	0.00072	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.010				7055807
24'5-TriCB-(31)	ng/g	0.00417	0.00070	0.010				7055807
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.010				7055807
23'5'-TriCB-(34)	ng/g	<0.00075	0.00075	0.010				7055807
33'4-TriCB-(35)	ng/g	<0.00075	0.00075	0.010				7055807
33'5-TriCB-(36)	ng/g	<0.00065	0.00065	0.010				7055807
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.010				7055807
34'5-TriCB-(39)	ng/g	<0.00070	0.00070	0.010				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.00402	0.00091	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0033	0.0011	0.010				7055807
22'35-TetraCB-(43)	ng/g	<0.0013	0.0013	0.010				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0165	0.00086	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.00094	0.00094	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0011	0.0011	0.010				7055807
22'45-TetraCB-(48)	ng/g	<0.0013 (1)	0.0013	0.010				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.00905	0.00082	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.00091	0.00091	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0341	0.00094	0.010				7055807
22'66'-TetraCB-(54)	ng/g	<0.0015	0.0015	0.010				7055807
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010				7055807
233'4'-Tetra CB(56)	ng/g	0.0044	0.0012	0.010				7055807
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.010				7055807
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.010				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.00069	0.00069	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0039	0.0012	0.010				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0390	0.0011	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0015	0.0011	0.010				7055807
234'6-TetraCB-(64)	ng/g	0.00535	0.00073	0.010				7055807
23'44'-TetraCB-(66)	ng/g	0.0191	0.0011	0.010				7055807
23'45-TetraCB-(67)	ng/g	<0.00097	0.00097	0.010				7055807
23'45'-TetraCB-(68)	ng/g	<0.0010	0.0010	0.010				7055807
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.010				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00062	0.00062	0.010				7055807
33'44'-TetraCB-(77)	ng/g	0.0020	0.0017	0.010	0.000100	0.000000200		7055807
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.010				7055807
33'45'-TetraCB(79)	ng/g	<0.00099	0.00099	0.010				7055807
33'55'-TetraCB-(80)	ng/g	<0.00097	0.00097	0.010				7055807
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.010	0.000300	0.000000510		7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0030	0.0013	0.010				7055807
PentaCB-(83)+(99)	ng/g	0.0554	0.0011	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0050	0.0012	0.010				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0110	0.00089	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0303	0.00095	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0045	0.0011	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.010				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0824	0.00094	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0163	0.0011	0.010				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0011	0.0011	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.010				7055807
22'35'6-PentaCB-(95)	ng/g	0.0275	0.0010	0.010				7055807
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.010				7055807
22'45'6-PentaCB-(103)	ng/g	<0.00095	0.00095	0.010				7055807
22'466'-PentaCB-(104)	ng/g	<0.00069	0.00069	0.010				7055807
233'44'-PentaCB-(105)	ng/g	0.0367	0.0011	0.010	0.0000300	0.00000110		7055807
233'45-PentaCB-(106)	ng/g	<0.00088	0.00088	0.010				7055807
233'4'5-PentaCB-(107)	ng/g	0.00671	0.00076	0.010				7055807
PentaCB-(108)+(124)	ng/g	0.00320	0.00085	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0748	0.00092	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.00081	0.00081	0.010				7055807
233'56-PentaCB-(112)	ng/g	<0.00076	0.00076	0.010				7055807
2344'5-PentaCB-(114)	ng/g	0.0018	0.0011	0.010	0.0000300	0.0000000540		7055807
23'44'5-PentaCB-(118)	ng/g	0.111	0.0011	0.010	0.0000300	0.00000333		7055807
23'455'-PentaCB-(120)	ng/g	<0.00081	0.00081	0.010				7055807
23'45'6-PentaCB-(121)	ng/g	<0.00079	0.00079	0.010				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.00095	0.00095	0.010				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0018	0.0012	0.010	0.0000300	0.0000000540		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.010	0.100	0.000110		7055807
33'455'-PentaCB-(127)	ng/g	<0.00088	0.00088	0.010				7055807
HexaCB-(128)+(166)	ng/g	0.0162	0.0018	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.130	0.0020	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0070	0.0024	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0023	0.0023	0.010				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0122	0.0021	0.010				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0021	0.0021	0.010				7055807
HexaCB-(134)+(143)	ng/g	0.0040	0.0022	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0259	0.0085	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0060	0.0060	0.010				7055807
22'344'5-HexaCB-(137)	ng/g	0.0052	0.0021	0.010				7055807
HexaCB-(139)+(140)	ng/g	<0.0018	0.0018	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0061	0.0020	0.010				7055807
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.010				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0085	0.0085	0.010				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0059	0.0059	0.010				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0183	0.0017	0.010				7055807
HexaCB-(147)+(149)	ng/g	0.0647	0.0018	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0084	0.0084	0.010				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0060	0.0060	0.010				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0054	0.0054	0.010				7055807
HexaCB-(153)+(168)	ng/g	0.118	0.0016	0.010				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0073	0.0073	0.010				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.010				7055807
HexaCB-(156)+(157)	ng/g	0.0141	0.0013	0.020	0.0000300	0.000000423		7055807
233'44'6-HexaCB-(158)	ng/g	0.0090	0.0014	0.010				7055807
233'455'-HexaCB-(159)	ng/g	<0.00087	0.00087	0.010				7055807
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.00084	0.00084	0.010				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0029	0.0015	0.010				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.010				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0059	0.0012	0.010	0.0000300	0.000000177		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.010	0.0300	0.0000390		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0063	0.0021	0.010				7055807
HeptaCB-(171)+(173)	ng/g	0.0043	0.0024	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0026	0.0026	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0036 (1)	0.0036	0.010				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0038	0.0038	0.010				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0027	0.0027	0.010				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0085	0.0025	0.010				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0046	0.0039	0.010				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0068	0.0026	0.010				7055807
HeptaCB-(180)+(193)	ng/g	0.0190	0.0021	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0023	0.0023	0.010				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0037	0.0037	0.010				7055807
22'344'5'6-HeptaCB-(183)	ng/g	<0.0071 (1)	0.0071	0.010				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0025	0.0025	0.010				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.010				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0027	0.0027	0.010				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0259	0.0034	0.010				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.010				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0020	0.0020	0.010				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.010				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.010				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0036	0.0036	0.010				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.010				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060	0.0060	0.010				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0039	0.0039	0.010				7055807
OctaCB-(198)+(199)	ng/g	<0.0059	0.0059	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0039	0.0039	0.010				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.010				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038	0.0038	0.010				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0056	0.0056	0.010				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.010				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0037	0.0037	0.010				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0047	0.0047	0.010				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.010				7055807

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.010				7055807
DecaCB-(209)	ng/g	<0.012	0.012	0.010				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000155		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	106						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	73						7055807
C13-22'33'44'5-HeptaCB-(170)	%	111						7055807
C13-22'33'455'66'-NonaCB-(208)	%	94						7055807
C13-22'33'55'66'-OctaCB-(202)	%	124						7055807
C13-22'33'55'6-HeptaCB-(178)	%	76						7055807
C13-22'344'55'-HeptaCB-(180)	%	127						7055807
C13-22'34'566'-HeptaCB-(188)	%	82						7055807
C13-22'44'66'-HexaCB-(155)	%	80						7055807
C13-22'466'-PentaCB-(104)	%	77						7055807
C13-22'66'-TetraCB-(54)	%	55						7055807
C13-22'6-TriCB-(19)	%	55						7055807
C13-22'-DiCB-(4)	%	46						7055807
C13-233'44'55'6-OctaCB-(205)	%	88						7055807
C13-233'44'55'-HeptaCB-(189)	%	106						7055807
C13-233'44'-PentaCB-(105)	%	83						7055807
C13-233'55'-PentaCB-(111)	%	83						7055807
C13-23'44'55'-HexaCB-(167)	%	83						7055807
C13-2344'5-PentaCB-(114)	%	86						7055807
C13-23'44'5-PentaCB-(118)	%	89						7055807
C13-2'344'5-PentaCB-(123)	%	92						7055807
C13-2-MonoCB-(1)	%	54						7055807
C13-33'44'55'-HexaCB-(169)	%	61						7055807
C13-33'44'5-PentaCB-(126)	%	73						7055807
C13-33'44'-TetraCB-(77)	%	75						7055807
C13-344'5-TetraCB-(81)	%	76						7055807
C13-344'-TriCB-(37)	%	98						7055807
C13-44'-DiCB-(15)	%	78						7055807
C13-4-MonoCB-(3)	%	62						7055807

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	61						7055807
C13-HexaCB-(156)+(157)	%	77						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00066	0.00066	0.0098				7055807
3-MonoCB-(2)	ng/g	<0.00060	0.00060	0.0098				7055807
4-MonoCB-(3)	ng/g	<0.00063	0.00063	0.0098				7055807
22'-DiCB-(4)	ng/g	<0.0015	0.0015	0.0098				7055807
2,3-DiCB-(5)	ng/g	<0.0066	0.0066	0.0098				7055807
2,3'-DiCB-(6)	ng/g	<0.0061	0.0061	0.0098				7055807
2,4-DiCB-(7)	ng/g	<0.0063	0.0063	0.0098				7055807
2,4'-DiCB-(8)	ng/g	<0.0058	0.0058	0.0098				7055807
2,5-DiCB-(9)	ng/g	<0.0061	0.0061	0.0098				7055807
2,6-DiCB-(10)	ng/g	<0.0016	0.0016	0.0098				7055807
3,3'-DiCB-(11)	ng/g	<0.0063	0.0063	0.0098				7055807
DiCB-(12)+(13)	ng/g	<0.0061	0.0061	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0061	0.0061	0.0098				7055807
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0098				7055807
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.0098				7055807
22'4-TriCB-(17)	ng/g	<0.0028 (1)	0.0028	0.0098				7055807
TriCB-(18)+(30)	ng/g	0.0045	0.0020	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0098				7055807
TriCB-(20) + (28)	ng/g	0.0520	0.00083	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00585	0.00084	0.020				7055807
234'-TriCB-(22)	ng/g	0.00741	0.00088	0.0098				7055807
235-TriCB-(23)	ng/g	<0.00086	0.00086	0.0098				7055807
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0098				7055807
23'4-TriCB-(25)	ng/g	0.00119	0.00083	0.0098				7055807
TriCB-(26)+(29)	ng/g	0.00216	0.00082	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0098				7055807
24'5-TriCB-(31)	ng/g	0.0326	0.00080	0.0098				7055807
24'6-TriCB-(32)	ng/g	0.0025	0.0017	0.0098				7055807
23'5'-TriCB-(34)	ng/g	<0.00086	0.00086	0.0098				7055807
33'4-TriCB-(35)	ng/g	<0.00085	0.00085	0.0098				7055807
33'5-TriCB-(36)	ng/g	<0.00074	0.00074	0.0098				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0098	0.0015	0.0098				7055807
345-TriCB-(38)	ng/g	<0.00083	0.00083	0.0098				7055807
34'5-TriCB-(39)	ng/g	<0.00080	0.00080	0.0098				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0133	0.0014	0.029				7055807
22'34'-TetraCB-(42)	ng/g	0.0131	0.0018	0.0098				7055807
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0098				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0516	0.0014	0.029				7055807
TetraCB-(45)+(51)	ng/g	0.0016	0.0015	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0098				7055807
22'45-TetraCB-(48)	ng/g	0.0072	0.0014	0.0098				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0358	0.0013	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0945	0.0015	0.0098				7055807
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.0098				7055807
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0098				7055807
233'4'-Tetra CB(56)	ng/g	0.0155	0.0012	0.0098				7055807
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0098				7055807
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0098				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0048	0.0011	0.029				7055807
2344'-TetraCB -(60)	ng/g	0.0282	0.0012	0.0098				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.181	0.0011	0.039				7055807
234'5-TetraCB-(63)	ng/g	0.0041	0.0011	0.0098				7055807
234'6-TetraCB-(64)	ng/g	0.0372	0.0011	0.0098				7055807
23'44'-TetraCB-(66)	ng/g	0.104	0.0011	0.0098				7055807
23'45-TetraCB-(67)	ng/g	<0.00097	0.00097	0.0098				7055807
23'45'-TetraCB-(68)	ng/g	<0.0010	0.0010	0.0098				7055807
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.0098				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00097	0.00097	0.0098				7055807
33'44'-TetraCB-(77)	ng/g	0.0064	0.0017	0.0098	0.000100	0.000000640		7055807
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0098				7055807
33'45'-TetraCB(79)	ng/g	0.00164	0.00098	0.0098				7055807
33'55'-TetraCB-(80)	ng/g	<0.00097	0.00097	0.0098				7055807
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0098	0.000300	0.000000510		7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0056	0.0020	0.0098				7055807
PentaCB-(83)+(99)	ng/g	0.133	0.0017	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0136	0.0019	0.0098				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0264	0.0013	0.029				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0612	0.0014	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.0116	0.0016	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0098				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.138	0.0014	0.029				7055807
22'355'-PentaCB-(92)	ng/g	0.0233	0.0017	0.0098				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.039				7055807
22'356'-PentaCB-(94)	ng/g	<0.0018	0.0018	0.0098				7055807
22'35'6-PentaCB-(95)	ng/g	0.0543	0.0016	0.0098				7055807
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0098				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0098				7055807
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0098				7055807
233'44'-PentaCB-(105)	ng/g	0.0552	0.0013	0.0098	0.0000300	0.00000166		7055807
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0098				7055807
233'4'5-PentaCB-(107)	ng/g	0.00964	0.00088	0.0098				7055807
PentaCB-(108)+(124)	ng/g	0.00367	0.00099	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.114	0.0014	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0098				7055807
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0098				7055807
2344'5-PentaCB-(114)	ng/g	0.0036	0.0013	0.0098	0.0000300	0.000000108		7055807
23'44'5-PentaCB-(118)	ng/g	0.162	0.0013	0.0098	0.0000300	0.00000486		7055807
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0098				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0098				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0098				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0027	0.0014	0.0098	0.0000300	0.0000000810		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0098	0.100	0.000130		7055807
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.0098				7055807
HexaCB-(128)+(166)	ng/g	0.0238	0.0021	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.175	0.0023	0.029				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0081	0.0028	0.0098				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0027	0.0027	0.0098				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0180	0.0025	0.0098				7055807
22'33'55'-HexaCB-(133)	ng/g	0.0027	0.0025	0.0098				7055807
HexaCB-(134)+(143)	ng/g	<0.0035 (1)	0.0035	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0285	0.0096	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0068	0.0068	0.0098				7055807
22'344'5-HexaCB-(137)	ng/g	0.0081	0.0025	0.0098				7055807
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0093	0.0023	0.0098				7055807
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.0098				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0096	0.0096	0.0098				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0067	0.0067	0.0098				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0267	0.0021	0.0098				7055807
HexaCB-(147)+(149)	ng/g	0.0807	0.0021	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0094	0.0094	0.0098				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0067	0.0067	0.0098				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0060	0.0060	0.0098				7055807
HexaCB-(153)+(168)	ng/g	0.204	0.0019	0.0098				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0082	0.0082	0.0098				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0033	0.0033	0.0098				7055807
HexaCB-(156)+(157)	ng/g	0.0143	0.0020	0.020	0.0000300	0.000000429		7055807
233'44'6-HexaCB-(158)	ng/g	0.0097	0.0017	0.0098				7055807
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0098				7055807
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0098				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.0098				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0098				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0040	0.0017	0.0098				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0098				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0057	0.0019	0.0098	0.0000300	0.000000171		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.0098	0.0300	0.0000600		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0126	0.0037	0.0098				7055807
HeptaCB-(171)+(173)	ng/g	0.0053	0.0042	0.020				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0046	0.0046	0.0098				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0070	0.0040	0.0098				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0036	0.0036	0.0098				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0098				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0079	0.0043	0.0098				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0062	0.0037	0.0098				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0063	0.0025	0.0098				7055807
HeptaCB-(180)+(193)	ng/g	0.0338	0.0037	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0040	0.0040	0.0098				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0098				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0108	0.0033	0.0098				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0098				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.0098				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0098				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0343	0.0033	0.0098				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0098				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.0098	0.0000300	0.0000000780		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0035	0.0035	0.0098				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0034	0.0034	0.0098				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.0098				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.0098				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0098				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0054	0.0054	0.0098				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0035	0.0035	0.0098				7055807
OctaCB-(198)+(199)	ng/g	0.0054	0.0053	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0098				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0035	0.0035	0.0098				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034	0.0034	0.0098				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.0098				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0098				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0098				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0048	0.0048	0.0098				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0039	0.0039	0.0098				7055807

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0051	0.0051	0.0098				7055807
DecaCB-(209)	ng/g	<0.013	0.013	0.0098				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000199		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	103						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	68						7055807
C13-22'33'44'5-HeptaCB-(170)	%	102						7055807
C13-22'33'455'66'-NonaCB-(208)	%	89						7055807
C13-22'33'55'66'-OctaCB-(202)	%	116						7055807
C13-22'33'55'6-HeptaCB-(178)	%	73						7055807
C13-22'344'55'-HeptaCB-(180)	%	114						7055807
C13-22'34'566'-HeptaCB-(188)	%	75						7055807
C13-22'44'66'-HexaCB-(155)	%	74						7055807
C13-22'466'-PentaCB-(104)	%	73						7055807
C13-22'66'-TetraCB-(54)	%	57						7055807
C13-22'6-TriCB-(19)	%	56						7055807
C13-22'-DiCB-(4)	%	47						7055807
C13-233'44'55'6-OctaCB-(205)	%	80						7055807
C13-233'44'55'-HeptaCB-(189)	%	99						7055807
C13-233'44'-PentaCB-(105)	%	78						7055807
C13-233'55'-PentaCB-(111)	%	79						7055807
C13-23'44'55'-HexaCB-(167)	%	76						7055807
C13-2344'5-PentaCB-(114)	%	80						7055807
C13-23'44'5-PentaCB-(118)	%	84						7055807
C13-2'344'5-PentaCB-(123)	%	83						7055807
C13-2-MonoCB-(1)	%	54						7055807
C13-33'44'55'-HexaCB-(169)	%	54						7055807
C13-33'44'5-PentaCB-(126)	%	66						7055807
C13-33'44'-TetraCB-(77)	%	62						7055807
C13-344'5-TetraCB-(81)	%	65						7055807
C13-344'-TriCB-(37)	%	87						7055807
C13-44'-DiCB-(15)	%	71						7055807
C13-4-MonoCB-(3)	%	64						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	57						7055807
C13-HexaCB-(156)+(157)	%	69						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00054	0.00054	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00063	0.00063	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0074	0.0074	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0072	0.0072	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0073	0.0073	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0073	0.0073	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0075	0.0075	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0076	0.0076	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0075	0.0075	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0073	0.0073	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.014	0.014	0.0099				7055807
22'3-TriCB-(16)	ng/g	0.0019	0.0014	0.0099				7055807
22'4-TriCB-(17)	ng/g	0.0021	0.0012	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0104	0.00098	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.00088	0.00088	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0408	0.00061	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00325	0.00067	0.020				7055807
234'-TriCB-(22)	ng/g	0.00430	0.00065	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.0099				7055807
236-TriCB-(24)	ng/g	<0.00094	0.00094	0.0099				7055807
23'4-TriCB-(25)	ng/g	<0.00058	0.00058	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.00266	0.00063	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.00082	0.00082	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.0399	0.00060	0.0099				7055807
24'6-TriCB-(32)	ng/g	0.00106	0.00079	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00062	0.00062	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0056 (1)	0.0056	0.0099				7055807
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00062	0.00062	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0147	0.0015	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0172	0.0017	0.0099				7055807
22'35-TetraCB-(43)	ng/g	0.0044	0.0017	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.101	0.0014	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.0092	0.0015	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0617	0.0013	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.169	0.0014	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.00060	0.00060	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.00089	0.00089	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0121	0.00090	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.00081	0.00081	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.00080	0.00080	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0061	0.0011	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0268	0.00093	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.210	0.00082	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.00597	0.00078	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.0380	0.0012	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.100	0.00081	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.00070	0.00070	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	0.00165	0.00077	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	0.00181	0.00086	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0054	0.0015	0.0099	0.000100	0.000000540		7055807
33'45-TetraCB-(78)	ng/g	<0.00094	0.00094	0.0099				7055807
33'45'-TetraCB(79)	ng/g	0.00219	0.00075	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.00073	0.00073	0.0099				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0014	0.0014	0.0099	0.000300	0.000000420		7055807
22'33'4-PentaCB-(82)	ng/g	0.0068	0.0017	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.175	0.0015	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0159	0.0016	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0316	0.0012	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0793	0.0013	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0155	0.0014	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.202	0.0012	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0368	0.0015	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0030	0.0014	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0014	0.0014	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0770	0.0013	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.00028	0.00028	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00017	0.00017	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0820	0.0016	0.0099	0.0000300	0.00000246		7055807
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0152	0.0011	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.0055	0.0012	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.166	0.0013	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.00099	0.00099	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0062	0.0016	0.0099	0.0000300	0.000000186		7055807
23'44'5-PentaCB-(118)	ng/g	0.232	0.0017	0.0099	0.0000300	0.00000696		7055807
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0045	0.0018	0.0099	0.0000300	0.000000135		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0099	0.100	0.000150		7055807
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0273	0.0017	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.254	0.0018	0.030				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0126	0.0021	0.0099				7055807
22'33'46-HexaCB-(131)	ng/g	<0.0018	0.0018	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0242	0.0018	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0042 (1)	0.0042	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.0072	0.0020	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0513	0.0025	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0069	0.0018	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	<0.011 (1)	0.011	0.0099				7055807
HexaCB-(139)+(140)	ng/g	0.0031	0.0014	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0158	0.0017	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0027	0.0027	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0018	0.0018	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0417	0.0015	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.125	0.0015	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.245	0.0013	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	0.0034	0.0021	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0221	0.0022	0.020	0.0000300	0.000000663		7055807
233'44'6-HexaCB-(158)	ng/g	0.0134	0.0013	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0051	0.0012	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0083	0.0021	0.0099	0.0000300	0.000000249		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0099	0.0300	0.0000630		7055807
22'33'44'5-HeptaCB-(170)	ng/g	<0.012 (1)	0.012	0.0099				7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0061 (1)	0.0061	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0035	0.0035	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0060	0.0026	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0024	0.0024	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0109	0.0030	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0073 (1)	0.0073	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0100	0.0015	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0381	0.0028	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0116	0.0021	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0035	0.0035	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0483	0.0022	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0032	0.0032	0.0099	0.0000300	0.000000096		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0033	0.0033	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0040	0.0040	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0021	0.0021	0.0099				7055807
OctaCB-(198)+(199)	ng/g	<0.0037	0.0037	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0021	0.0021	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038 (2)	0.0038	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0036	0.0036	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0021	0.0021	0.0099				7055807

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0045	0.0045	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0048	0.0048	0.0099				7055807
DecaCB-(209)	ng/g	<0.0052	0.0052	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000225		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	82						7055807
C13-22'33'44'5-HeptaCB-(170)	%	90						7055807
C13-22'33'455'66'-NonaCB-(208)	%	92						7055807
C13-22'33'55'66'-OctaCB-(202)	%	102						7055807
C13-22'33'55'6-HeptaCB-(178)	%	96						7055807
C13-22'344'55'-HeptaCB-(180)	%	100						7055807
C13-22'34'566'-HeptaCB-(188)	%	91						7055807
C13-22'44'66'-HexaCB-(155)	%	110						7055807
C13-22'466'-PentaCB-(104)	%	98						7055807
C13-22'66'-TetraCB-(54)	%	91						7055807
C13-22'6-TriCB-(19)	%	76						7055807
C13-22'-DiCB-(4)	%	61						7055807
C13-233'44'55'6-OctaCB-(205)	%	81						7055807
C13-233'44'55'-HeptaCB-(189)	%	96						7055807
C13-233'44'-PentaCB-(105)	%	68						7055807
C13-233'55'-PentaCB-(111)	%	78						7055807
C13-23'44'55'-HexaCB-(167)	%	81						7055807
C13-2344'5-PentaCB-(114)	%	67						7055807
C13-23'44'5-PentaCB-(118)	%	73						7055807
C13-2'344'5-PentaCB-(123)	%	71						7055807
C13-2-MonoCB-(1)	%	41						7055807
C13-33'44'55'-HexaCB-(169)	%	67						7055807
C13-33'44'5-PentaCB-(126)	%	64						7055807
C13-33'44'-TetraCB-(77)	%	64						7055807
C13-344'5-TetraCB-(81)	%	66						7055807

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	75						7055807
C13-44'-DiCB-(15)	%	71						7055807
C13-4-MonoCB-(3)	%	50						7055807
C13-DecaCB-(209)	%	86						7055807
C13-HexaCB-(156)+(157)	%	73						7055807

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RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00053	0.00053	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.036	0.036	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.00062	0.00062	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0098 (1)	0.0098	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.00061	0.00061	0.0099				7055807
2,4'-DiCB-(8)	ng/g	0.0117	0.00061	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.00062	0.00062	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.048	0.048	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.00063	0.00063	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.00062	0.00062	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.00061	0.00061	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.0073 (1)	0.0073	0.0099				7055807
22'3-TriCB-(16)	ng/g	0.0142	0.0017	0.0099				7055807
22'4-TriCB-(17)	ng/g	0.0271	0.0015	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0648	0.0012	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.138	0.00061	0.020				7055807
TriCB-(21)+(33)	ng/g	0.0221	0.00067	0.020				7055807
234'-TriCB-(22)	ng/g	0.0247	0.00065	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099				7055807
23'4-TriCB-(25)	ng/g	0.0174	0.00058	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.0465	0.00063	0.020				7055807
23'6-TriCB-(27)	ng/g	0.0054	0.0010	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.122	0.00060	0.0099				7055807
24'6-TriCB-(32)	ng/g	0.00854	0.00097	0.0099				7055807
23'5'-TriCB-(34)	ng/g	0.00067	0.00062	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00072	0.00072	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.0099				7055807

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0146	0.0013	0.0099				7055807
345-TriCB-(38)	ng/g	<0.00065	0.00065	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00070 (1)	0.00070	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0429	0.0015	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0507	0.0016	0.0099				7055807
22'35-TetraCB-(43)	ng/g	0.0082	0.0016	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.249	0.0013	0.030				7055807
TetraCB-(45)+(51)	ng/g	0.0027	0.0014	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.0266	0.0014	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.181	0.0013	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.493	0.0013	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.00071	0.00071	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.00080	0.00080	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0500	0.00081	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.00073	0.00073	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.00072	0.00072	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0221	0.0011	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0495	0.00084	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.452	0.00074	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0157	0.00071	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.116	0.0011	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.249	0.00074	0.0099				7055807
23'45-TetraCB-(67)	ng/g	0.00268	0.00064	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	0.00393	0.00070	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	0.00580	0.00078	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0174	0.0013	0.0099	0.000100	0.00000174		7055807
33'45-TetraCB-(78)	ng/g	<0.00085	0.00085	0.0099				7055807
33'45'-TetraCB(79)	ng/g	0.00741	0.00067	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.00066	0.00066	0.0099				7055807

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0013	0.0013	0.0099	0.000300	0.000000390		7055807
22'33'4-PentaCB-(82)	ng/g	0.0277	0.0016	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.686	0.0014	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0492	0.0014	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.128	0.0011	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.322	0.0012	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0564	0.0013	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.940	0.0012	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.187	0.0014	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0071	0.0013	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.291	0.0012	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.00031	0.00031	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	0.0042	0.0011	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00019	0.00019	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.355	0.0013	0.0099	0.0000300	0.0000107		7055807
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0708	0.00086	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.0224	0.00097	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.869	0.0012	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0010	0.0010	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.00091	0.00091	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0210	0.0013	0.0099	0.0000300	0.000000630		7055807
23'44'5-PentaCB-(118)	ng/g	1.16	0.0013	0.0099	0.0000300	0.0000348		7055807
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.00096	0.00096	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	0.0078	0.0011	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0091	0.0014	0.0099	0.0000300	0.000000273		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120		7055807
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.158	0.0028	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	1.25	0.0029	0.030				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0564	0.0035	0.0099				7055807
22'33'46-HexaCB-(131)	ng/g	<0.0052 (1)	0.0052	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.129	0.0029	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	0.0196	0.0027	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.0205	0.0033	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.245	0.0024	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0263	0.0017	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.0587	0.0037	0.0099				7055807
HexaCB-(139)+(140)	ng/g	0.0129	0.0024	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.102	0.0028	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	0.0226	0.0026	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.186	0.0026	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.570	0.0026	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0023	0.0023	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.910	0.0022	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	0.0096	0.0020	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.125	0.0024	0.020	0.0000300	0.00000375		7055807
233'44'6-HexaCB-(158)	ng/g	0.0711	0.0021	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	0.0047	0.0015	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0321	0.0019	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0422	0.0022	0.0099	0.0000300	0.00000127		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0099	0.0300	0.0000690		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0654	0.0018	0.0099				7055807

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0292	0.0019	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	0.0151	0.0022	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0407	0.0016	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0021	0.0021	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	0.0069	0.0014	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0560	0.0019	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0373	0.0021	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0371	0.0013	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.208	0.0017	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0018	0.0018	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0477	0.0013	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0013	0.0013	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0015	0.0015	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.193	0.0019	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0041 (1)	0.0041	0.0099	0.0000300	0.000000123		7055807
233'44'56-HeptaCB-(190)	ng/g	0.0166	0.0021	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	0.0038	0.0017	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	0.0225	0.0033	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0061 (1)	0.0061	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	0.0130	0.0045	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0024	0.0024	0.0099				7055807
OctaCB-(198)+(199)	ng/g	0.0213	0.0042	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	0.0057	0.0024	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	0.0125	0.0026	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	0.0163	0.0041	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.0099				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0033	0.0033	0.0099				7055807
DecaCB-(209)	ng/g	<0.0047	0.0047	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000243		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	91						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	85						7055807
C13-22'33'44'5-HeptaCB-(170)	%	94						7055807
C13-22'33'455'66'-NonaCB-(208)	%	85						7055807
C13-22'33'55'66'-OctaCB-(202)	%	93						7055807
C13-22'33'55'6-HeptaCB-(178)	%	102						7055807
C13-22'344'55'-HeptaCB-(180)	%	92						7055807
C13-22'34'566'-HeptaCB-(188)	%	86						7055807
C13-22'44'66'-HexaCB-(155)	%	101						7055807
C13-22'466'-PentaCB-(104)	%	93						7055807
C13-22'66'-TetraCB-(54)	%	90						7055807
C13-22'6-TriCB-(19)	%	80						7055807
C13-22'-DiCB-(4)	%	63						7055807
C13-233'44'55'6-OctaCB-(205)	%	84						7055807
C13-233'44'55'-HeptaCB-(189)	%	90						7055807
C13-233'44'-PentaCB-(105)	%	75						7055807
C13-233'55'-PentaCB-(111)	%	87						7055807
C13-23'44'55'-HexaCB-(167)	%	85						7055807
C13-2344'5-PentaCB-(114)	%	73						7055807
C13-23'44'5-PentaCB-(118)	%	77						7055807
C13-2'344'5-PentaCB-(123)	%	79						7055807
C13-2-MonoCB-(1)	%	44						7055807
C13-33'44'55'-HexaCB-(169)	%	64						7055807
C13-33'44'5-PentaCB-(126)	%	67						7055807
C13-33'44'-TetraCB-(77)	%	74						7055807
C13-344'5-TetraCB-(81)	%	74						7055807
C13-344'-TriCB-(37)	%	78						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	76						7055807
C13-4-MonoCB-(3)	%	54						7055807
C13-DecaCB-(209)	%	82						7055807
C13-HexaCB-(156)+(157)	%	75						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00037	0.00037	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00043	0.00043	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0023	0.0023	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0024	0.0024	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0024	0.0024	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0025	0.0025	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0024	0.0024	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0024	0.0024	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.0099				7055807
22'3-TriCB-(16)	ng/g	0.0014	0.0011	0.0099				7055807
22'4-TriCB-(17)	ng/g	0.00142	0.00094	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.00391	0.00076	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.00068	0.00068	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.0175	0.00031	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00198	0.00034	0.020				7055807
234'-TriCB-(22)	ng/g	0.00255	0.00033	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00033	0.00033	0.0099				7055807
236-TriCB-(24)	ng/g	<0.00073	0.00073	0.0099				7055807
23'4-TriCB-(25)	ng/g	0.00060	0.00029	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.00135	0.00032	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.00064	0.00064	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.0118	0.00030	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.00061	0.00061	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00031	0.00031	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00037	0.00037	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00028	0.00028	0.0099				7055807
344'-TriCB-(37)	ng/g	0.00338	0.00065	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00033	0.00033	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00031	0.00031	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.00489	0.00049	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.00504	0.00055	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.00055	0.00055	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0257	0.00044	0.030				7055807
TetraCB-(45)+(51)	ng/g	0.00087	0.00048	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.00055	0.00055	0.0099				7055807
22'45-TetraCB-(48)	ng/g	0.00241	0.00048	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0153	0.00043	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.00046	0.00046	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0454	0.00044	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.00044	0.00044	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.00047	0.00047	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.00620	0.00048	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.00043	0.00043	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.00042	0.00042	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.0016 (1)	0.0016	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.00846	0.00049	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0707	0.00044	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.00169	0.00042	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.0105	0.00039	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.0408	0.00043	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.00037	0.00037	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	0.00066	0.00041	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	0.00076	0.00046	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00038	0.00038	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.00275	0.00078	0.0099	0.000100	0.000000275		7055807
33'45-TetraCB-(78)	ng/g	<0.00050	0.00050	0.0099				7055807
33'45'-TetraCB(79)	ng/g	0.00116	0.00040	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.00039	0.00039	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.00076	0.00076	0.0099	0.000300	0.000000228		7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.00459	0.00077	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.0755	0.00069	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.00871	0.00069	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0145	0.00053	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0468	0.00056	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.00623	0.00060	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.00067	0.00067	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.102	0.00055	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0179	0.00065	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00061	0.00061	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.00064	0.00064	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0344	0.00057	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.00041	0.00041	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.00053	0.00053	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00026	0.00026	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0474	0.00072	0.0099	0.0000300	0.00000142		7055807
233'45-PentaCB-(106)	ng/g	<0.00055	0.00055	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.00878	0.00047	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.00339	0.00053	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.102	0.00057	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.00049	0.00049	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.00044	0.00044	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.00300	0.00071	0.0099	0.0000300	0.0000000900		7055807
23'44'5-PentaCB-(118)	ng/g	0.134	0.00074	0.0099	0.0000300	0.00000402		7055807
23'455'-PentaCB-(120)	ng/g	<0.00051	0.00051	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.00046	0.00046	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	0.00129	0.00061	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	0.00143	0.00078	0.0099	0.0000300	0.0000000429		7055807
33'44'5-PentaCB-(126)	ng/g	<0.00067	0.00067	0.0099	0.100	0.0000670		7055807
33'455'-PentaCB-(127)	ng/g	<0.00060	0.00060	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0196	0.00068	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.135	0.00070	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.00655	0.00083	0.0099				7055807

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.00088	0.00073	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0149	0.00070	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	0.00155	0.00066	0.0099				7055807
HexaCB-(134)+(143)	ng/g	0.00261	0.00079	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0226	0.0029	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0037	0.0020	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.00537	0.00088	0.0099				7055807
HexaCB-(139)+(140)	ng/g	0.00114	0.00057	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	<0.0068 (1)	0.0068	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.00071	0.00071	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0031	0.0031	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0020	0.0020	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0174	0.00062	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.0644	0.00062	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0019	0.0019	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.109	0.00053	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0024	0.0024	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0132	0.00079	0.020	0.0000300	0.000000396		7055807
233'44'6-HexaCB-(158)	ng/g	0.00887	0.00051	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.00054	0.00054	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.00057	0.00057	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.00048	0.00048	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.00052	0.00052	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.00364	0.00047	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.00053	0.00053	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.00473	0.00075	0.0099	0.0000300	0.000000142		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.00078	0.00078	0.0099	0.0300	0.0000234		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.00635	0.00092	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	0.00391	0.00098	0.020				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0011	0.0011	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.00406	0.00084	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.00085	0.00085	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0011 (1)	0.0011	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.00652	0.00097	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.00348	0.00085	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.00531	0.00054	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0189	0.00089	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.00091	0.00091	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.00080	0.00080	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.00643	0.00066	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.00050	0.00050	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0011	0.0011	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.00058	0.00058	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0222	0.00077	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.00066	0.00066	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0099	0.0000300	0.0000000390		7055807
233'44'56-HeptaCB-(190)	ng/g	0.0023	0.0011	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.00087	0.00087	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.00088	0.00088	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	0.00205	0.00082	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.00076	0.00076	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0015	0.0015	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.00080	0.00080	0.0099				7055807
OctaCB-(198)+(199)	ng/g	0.0023	0.0014	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.00087	0.00087	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.00080	0.00080	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0012 (1)	0.0012	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0014	0.0014	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.00083	0.00083	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.00067	0.00067	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00079	0.00079	0.0099				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.00063	0.00063	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.00084	0.00084	0.0099				7055807
DecaCB-(209)	ng/g	<0.0010	0.0010	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.0000971		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	82						7055807
C13-22'33'44'5-HeptaCB-(170)	%	81						7055807
C13-22'33'455'66'-NonaCB-(208)	%	77						7055807
C13-22'33'55'66'-OctaCB-(202)	%	75						7055807
C13-22'33'55'6-HeptaCB-(178)	%	94						7055807
C13-22'344'55'-HeptaCB-(180)	%	80						7055807
C13-22'34'566'-HeptaCB-(188)	%	76						7055807
C13-22'44'66'-HexaCB-(155)	%	79						7055807
C13-22'466'-PentaCB-(104)	%	81						7055807
C13-22'66'-TetraCB-(54)	%	87						7055807
C13-22'6-TriCB-(19)	%	75						7055807
C13-22'-DiCB-(4)	%	69						7055807
C13-233'44'55'6-OctaCB-(205)	%	81						7055807
C13-233'44'55'-HeptaCB-(189)	%	89						7055807
C13-233'44'-PentaCB-(105)	%	88						7055807
C13-233'55'-PentaCB-(111)	%	91						7055807
C13-23'44'55'-HexaCB-(167)	%	91						7055807
C13-2344'5-PentaCB-(114)	%	84						7055807
C13-23'44'5-PentaCB-(118)	%	89						7055807
C13-2'344'5-PentaCB-(123)	%	87						7055807
C13-2-MonoCB-(1)	%	50						7055807
C13-33'44'55'-HexaCB-(169)	%	85						7055807
C13-33'44'5-PentaCB-(126)	%	95						7055807
C13-33'44'-TetraCB-(77)	%	90						7055807
C13-344'5-TetraCB-(81)	%	88						7055807
C13-344'-TriCB-(37)	%	80						7055807
C13-44'-DiCB-(15)	%	79						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	58						7055807
C13-DecaCB-(209)	%	75						7055807
C13-HexaCB-(156)+(157)	%	87						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00064	0.00064	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00053	0.00053	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00063	0.00063	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0032	0.0032	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0079	0.0079	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0077	0.0077	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0078	0.0078	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0078	0.0078	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0080	0.0080	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0043	0.0043	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0081	0.0081	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0080	0.0080	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0078	0.0078	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0018	0.0018	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0025	0.0015	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.00859	0.00054	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00120	0.00060	0.020				7055807
234'-TriCB-(22)	ng/g	0.00147	0.00058	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00059	0.00059	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0099				7055807
23'4-TriCB-(25)	ng/g	0.00060	0.00052	0.0099				7055807
TriCB-(26)+(29)	ng/g	0.00171	0.00056	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.00744	0.00054	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00055	0.00055	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00065	0.00065	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00049	0.00049	0.0099				7055807
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00058	0.00058	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00055	0.00055	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0051	0.0012	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0041	0.0014	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0014	0.0014	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0221	0.0011	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0099				7055807
22'45-TetraCB-(48)	ng/g	<0.0014 (1)	0.0014	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0129	0.0011	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0455	0.0011	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.00096	0.00096	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0049	0.0013	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.0011	0.0011	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.00141	0.00092	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0048	0.0013	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0532	0.0012	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0016	0.0011	0.0099				7055807
234'6-TetraCB-(64)	ng/g	0.00780	0.00097	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.0247	0.0011	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.00099	0.00099	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.00096	0.00096	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	0.0021	0.0021	0.0099	0.000100	0.000000210		7055807
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099				7055807
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.0099				7055807
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600		7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0051	0.0015	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.0821	0.0014	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0056	0.0014	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0168	0.0010	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0430	0.0011	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0057	0.0012	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0013	0.0013	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.106	0.0011	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0199	0.0013	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0012	0.0012	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0337	0.0011	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.00050	0.00050	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0010	0.0010	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00031	0.00031	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0481	0.0013	0.0099	0.0000300	0.00000144		7055807
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0105	0.00086	0.0099				7055807
PentaCB-(108)+(124)	ng/g	0.00390	0.00097	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0976	0.0011	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.00097	0.00097	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.00087	0.00087	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	0.0036	0.0013	0.0099	0.0000300	0.000000108		7055807
23'44'5-PentaCB-(118)	ng/g	0.155	0.0013	0.0099	0.0000300	0.00000465		7055807
23'455'-PentaCB-(120)	ng/g	<0.0010	0.0010	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.00091	0.00091	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	0.0014	0.0011	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0099	0.100	0.000120		7055807
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0218	0.0017	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.161	0.0017	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0076	0.0021	0.0099				7055807

EDL = Estimated Detection Limit
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0018	0.0018	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0161	0.0017	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0016	0.0016	0.0099				7055807
HexaCB-(134)+(143)	ng/g	<0.0020	0.0020	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0255	0.0029	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0037	0.0020	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	0.0068	0.0022	0.0099				7055807
HexaCB-(139)+(140)	ng/g	<0.0014	0.0014	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0095	0.0017	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0032	0.0032	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0020	0.0020	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0232	0.0015	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.0750	0.0015	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0028	0.0028	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0020	0.0020	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0019	0.0019	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.136	0.0013	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0024	0.0024	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0018	0.0018	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0164	0.0018	0.020	0.0000300	0.000000492		7055807
233'44'6-HexaCB-(158)	ng/g	0.0101	0.0013	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0043	0.0012	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0013	0.0013	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0064	0.0017	0.0099	0.0000300	0.000000192		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0099	0.0300	0.0000510		7055807
22'33'44'5-HeptaCB-(170)	ng/g	<0.0088 (1)	0.0088	0.0099				7055807
HeptaCB-(171)+(173)	ng/g	<0.0035 (1)	0.0035	0.020				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0027	0.0027	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0057	0.0020	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0024	0.0024	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0016	0.0016	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0077	0.0023	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0042	0.0024	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0053	0.0015	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0246	0.0021	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0023	0.0023	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0064	0.0016	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0014	0.0014	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0027	0.0027	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0262	0.0021	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.0099	0.0000300	0.0000000660		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0025	0.0025	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042	0.0042	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0039	0.0039	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0033	0.0033	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0099				7055807
OctaCB-(198)+(199)	ng/g	0.0030	0.0030	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0018	0.0018	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0017	0.0017	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	0.0022	0.0019	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0029	0.0029	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.0099				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0012	0.0012	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.00095	0.00095	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0013	0.0013	0.0099				7055807
DecaCB-(209)	ng/g	<0.0032	0.0032	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000179		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	81						7055807
C13-22'33'44'5-HeptaCB-(170)	%	84						7055807
C13-22'33'455'66'-NonaCB-(208)	%	79						7055807
C13-22'33'55'66'-OctaCB-(202)	%	74						7055807
C13-22'33'55'6-HeptaCB-(178)	%	97						7055807
C13-22'344'55'-HeptaCB-(180)	%	83						7055807
C13-22'34'566'-HeptaCB-(188)	%	76						7055807
C13-22'44'66'-HexaCB-(155)	%	79						7055807
C13-22'466'-PentaCB-(104)	%	81						7055807
C13-22'66'-TetraCB-(54)	%	86						7055807
C13-22'6-TriCB-(19)	%	79						7055807
C13-22'-DiCB-(4)	%	66						7055807
C13-233'44'55'6-OctaCB-(205)	%	85						7055807
C13-233'44'55'-HeptaCB-(189)	%	94						7055807
C13-233'44'-PentaCB-(105)	%	89						7055807
C13-233'55'-PentaCB-(111)	%	89						7055807
C13-23'44'55'-HexaCB-(167)	%	93						7055807
C13-2344'5-PentaCB-(114)	%	85						7055807
C13-23'44'5-PentaCB-(118)	%	88						7055807
C13-2'344'5-PentaCB-(123)	%	89						7055807
C13-2-MonoCB-(1)	%	48						7055807
C13-33'44'55'-HexaCB-(169)	%	91						7055807
C13-33'44'5-PentaCB-(126)	%	95						7055807
C13-33'44'-TetraCB-(77)	%	96						7055807
C13-344'5-TetraCB-(81)	%	93						7055807
C13-344'-TriCB-(37)	%	84						7055807
C13-44'-DiCB-(15)	%	83						7055807
C13-4-MonoCB-(3)	%	58						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	79						7055807
C13-HexaCB-(156)+(157)	%	89						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00073	0.00073	0.0099				7055807
3-MonoCB-(2)	ng/g	<0.00060	0.00060	0.0099				7055807
4-MonoCB-(3)	ng/g	<0.00072	0.00072	0.0099				7055807
22'-DiCB-(4)	ng/g	<0.0017	0.0017	0.0099				7055807
2,3-DiCB-(5)	ng/g	<0.0048	0.0048	0.0099				7055807
2,3'-DiCB-(6)	ng/g	<0.0047	0.0047	0.0099				7055807
2,4-DiCB-(7)	ng/g	<0.0047	0.0047	0.0099				7055807
2,4'-DiCB-(8)	ng/g	<0.0047	0.0047	0.0099				7055807
2,5-DiCB-(9)	ng/g	<0.0048	0.0048	0.0099				7055807
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0099				7055807
3,3'-DiCB-(11)	ng/g	<0.0049	0.0049	0.0099				7055807
DiCB-(12)+(13)	ng/g	<0.0048	0.0048	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0047	0.0047	0.0099				7055807
4,4'-DiCB-(15)	ng/g	<0.0093	0.0093	0.0099				7055807
22'3-TriCB-(16)	ng/g	<0.0017	0.0017	0.0099				7055807
22'4-TriCB-(17)	ng/g	<0.0015	0.0015	0.0099				7055807
TriCB-(18)+(30)	ng/g	0.0018	0.0012	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0011	0.0011	0.0099				7055807
TriCB-(20) + (28)	ng/g	0.00934	0.00050	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00128	0.00055	0.020				7055807
234'-TriCB-(22)	ng/g	0.00132	0.00054	0.0099				7055807
235-TriCB-(23)	ng/g	<0.00054	0.00054	0.0099				7055807
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099				7055807
23'4-TriCB-(25)	ng/g	<0.00048	0.00048	0.0099				7055807
TriCB-(26)+(29)	ng/g	<0.00052	0.00052	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0010	0.0010	0.0099				7055807
24'5-TriCB-(31)	ng/g	0.00504	0.00050	0.0099				7055807
24'6-TriCB-(32)	ng/g	<0.00096	0.00096	0.0099				7055807
23'5'-TriCB-(34)	ng/g	<0.00051	0.00051	0.0099				7055807
33'4-TriCB-(35)	ng/g	<0.00060	0.00060	0.0099				7055807
33'5-TriCB-(36)	ng/g	<0.00045	0.00045	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0021 (1)	0.0021	0.0099				7055807
345-TriCB-(38)	ng/g	<0.00053	0.00053	0.0099				7055807
34'5-TriCB-(39)	ng/g	<0.00051	0.00051	0.0099				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0028	0.0020	0.030				7055807
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.0099				7055807
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0099				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0124	0.0019	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0099				7055807
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0099				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0046 (1)	0.0046	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0190	0.0018	0.0099				7055807
22'66'-TetraCB-(54)	ng/g	<0.00077	0.00077	0.0099				7055807
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099				7055807
233'4'-Tetra CB(56)	ng/g	0.0023	0.0013	0.0099				7055807
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.0099				7055807
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.0099				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0041	0.0014	0.0099				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0308	0.0012	0.040				7055807
234'5-TetraCB-(63)	ng/g	<0.0012	0.0012	0.0099				7055807
234'6-TetraCB-(64)	ng/g	<0.0031 (1)	0.0031	0.0099				7055807
23'44'-TetraCB-(66)	ng/g	0.0178	0.0012	0.0099				7055807
23'45-TetraCB-(67)	ng/g	<0.0010	0.0010	0.0099				7055807
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.0099				7055807
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0099				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0099				7055807
33'44'-TetraCB-(77)	ng/g	<0.0022	0.0022	0.0099	0.000100	0.000000220		7055807
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099				7055807
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0099				7055807
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099				7055807

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0099	0.000300	0.000000630		7055807
22'33'4-PentaCB-(82)	ng/g	<0.0020	0.0020	0.0099				7055807
PentaCB-(83)+(99)	ng/g	0.0380	0.0018	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0036	0.0018	0.0099				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0063	0.0014	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0177	0.0015	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.0029	0.0016	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0099				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0439	0.0014	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0071	0.0017	0.0099				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0099				7055807
22'35'6-PentaCB-(95)	ng/g	0.0173	0.0015	0.0099				7055807
22'366'-PentaCB-(96)	ng/g	<0.00063	0.00063	0.0099				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0099				7055807
22'466'-PentaCB-(104)	ng/g	<0.00039	0.00039	0.0099				7055807
233'44'-PentaCB-(105)	ng/g	0.0219	0.0017	0.0099	0.0000300	0.000000657		7055807
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099				7055807
233'4'5-PentaCB-(107)	ng/g	0.0031	0.0011	0.0099				7055807
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0379	0.0015	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0099				7055807
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099				7055807
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0099	0.0000300	0.0000000510		7055807
23'44'5-PentaCB-(118)	ng/g	0.0587	0.0017	0.0099	0.0000300	0.00000176		7055807
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0099				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099				7055807
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160		7055807
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0099				7055807
HexaCB-(128)+(166)	ng/g	0.0110	0.0028	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.0677	0.0029	0.030				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.0035	0.0035	0.0099				7055807
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0071	0.0029	0.0099				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0027	0.0027	0.0099				7055807
HexaCB-(134)+(143)	ng/g	<0.0033	0.0033	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0117	0.0020	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0022	0.0014	0.0099				7055807
22'344'5-HexaCB-(137)	ng/g	<0.0036	0.0036	0.0099				7055807
HexaCB-(139)+(140)	ng/g	<0.0024	0.0024	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	<0.0031 (1)	0.0031	0.0099				7055807
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0099				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0021	0.0021	0.0099				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0014	0.0014	0.0099				7055807
22'34'55'-HexaCB-(146)	ng/g	<0.0081 (1)	0.0081	0.0099				7055807
HexaCB-(147)+(149)	ng/g	0.0379	0.0026	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0019	0.0019	0.0099				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0099				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0099				7055807
HexaCB-(153)+(168)	ng/g	0.0571	0.0022	0.0099				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0017	0.0017	0.0099				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0099				7055807
HexaCB-(156)+(157)	ng/g	0.0080	0.0018	0.020	0.0000300	0.000000240		7055807
233'44'6-HexaCB-(158)	ng/g	<0.0033 (1)	0.0033	0.0099				7055807
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099				7055807
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0099				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099				7055807
233'4'5'6-HexaCB-(164)	ng/g	<0.0019	0.0019	0.0099				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0030	0.0017	0.0099	0.0000300	0.0000000900		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0018	0.0018	0.0099	0.0300	0.0000540		7055807
22'33'44'5-HeptaCB-(170)	ng/g	<0.0043	0.0043	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0045	0.0045	0.020				7055807
22'33'455'-HeptaCB-(172)	ng/g	<0.0052	0.0052	0.0099				7055807
22'33'456'-HeptaCB-(174)	ng/g	<0.0039	0.0039	0.0099				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.0099				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0019	0.0019	0.0099				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0045	0.0045	0.0099				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0028	0.0028	0.0099				7055807
22'33'566'-HeptaCB-(179)	ng/g	<0.0032 (1)	0.0032	0.0099				7055807
HeptaCB-(180)+(193)	ng/g	0.0093	0.0042	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0042	0.0042	0.0099				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.0099				7055807
22'344'5'6-HeptaCB-(183)	ng/g	<0.0031	0.0031	0.0099				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0017	0.0017	0.0099				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0052	0.0052	0.0099				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0099				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0122	0.0025	0.0099				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0099				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0038	0.0038	0.0099	0.0000300	0.000000114		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0049	0.0049	0.0099				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0041	0.0041	0.0099				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.0099				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0030	0.0030	0.0099				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0099				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0053	0.0053	0.0099				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0099				7055807
OctaCB-(198)+(199)	ng/g	<0.0049	0.0049	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0030	0.0030	0.0099				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0028	0.0028	0.0099				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0031	0.0031	0.0099				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0048	0.0048	0.0099				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.0099				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.0099				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0099				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0099				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0033	0.0033	0.0099				7055807
DecaCB-(209)	ng/g	<0.0045	0.0045	0.0099				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000218		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	90						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	75						7055807
C13-22'33'44'5-HeptaCB-(170)	%	83						7055807
C13-22'33'455'66'-NonaCB-(208)	%	78						7055807
C13-22'33'55'66'-OctaCB-(202)	%	96						7055807
C13-22'33'55'6-HeptaCB-(178)	%	91						7055807
C13-22'344'55'-HeptaCB-(180)	%	89						7055807
C13-22'34'566'-HeptaCB-(188)	%	87						7055807
C13-22'44'66'-HexaCB-(155)	%	104						7055807
C13-22'466'-PentaCB-(104)	%	106						7055807
C13-22'66'-TetraCB-(54)	%	95						7055807
C13-22'6-TriCB-(19)	%	85						7055807
C13-22'-DiCB-(4)	%	66						7055807
C13-233'44'55'6-OctaCB-(205)	%	77						7055807
C13-233'44'55'-HeptaCB-(189)	%	88						7055807
C13-233'44'-PentaCB-(105)	%	62						7055807
C13-233'55'-PentaCB-(111)	%	77						7055807
C13-23'44'55'-HexaCB-(167)	%	79						7055807
C13-2344'5-PentaCB-(114)	%	61						7055807
C13-23'44'5-PentaCB-(118)	%	66						7055807
C13-2'344'5-PentaCB-(123)	%	66						7055807
C13-2-MonoCB-(1)	%	48						7055807
C13-33'44'55'-HexaCB-(169)	%	65						7055807
C13-33'44'5-PentaCB-(126)	%	61						7055807
C13-33'44'-TetraCB-(77)	%	54						7055807
C13-344'5-TetraCB-(81)	%	50						7055807
C13-344'-TriCB-(37)	%	67						7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	74						7055807
C13-4-MonoCB-(3)	%	58						7055807
C13-DecaCB-(209)	%	77						7055807
C13-HexaCB-(156)+(157)	%	67						7055807

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00055	0.00055	0.010				7055807
3-MonoCB-(2)	ng/g	<0.00045	0.00045	0.010				7055807
4-MonoCB-(3)	ng/g	<0.00054	0.00054	0.010				7055807
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010				7055807
2,3-DiCB-(5)	ng/g	<0.0079	0.0079	0.010				7055807
2,3'-DiCB-(6)	ng/g	<0.0077	0.0077	0.010				7055807
2,4-DiCB-(7)	ng/g	<0.0078	0.0078	0.010				7055807
2,4'-DiCB-(8)	ng/g	<0.0078	0.0078	0.010				7055807
2,5-DiCB-(9)	ng/g	<0.0079	0.0079	0.010				7055807
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.010				7055807
3,3'-DiCB-(11)	ng/g	<0.0081	0.0081	0.010				7055807
DiCB-(12)+(13)	ng/g	<0.0080	0.0080	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0078	0.0078	0.010				7055807
4,4'-DiCB-(15)	ng/g	<0.015	0.015	0.010				7055807
22'3-TriCB-(16)	ng/g	0.0033	0.0024	0.010				7055807
22'4-TriCB-(17)	ng/g	<0.0034 (1)	0.0034	0.010				7055807
TriCB-(18)+(30)	ng/g	<0.011 (1)	0.011	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.010				7055807
TriCB-(20) + (28)	ng/g	0.0522	0.00097	0.020				7055807
TriCB-(21)+(33)	ng/g	0.0034	0.0011	0.020				7055807
234'-TriCB-(22)	ng/g	0.0062	0.0010	0.010				7055807
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.010				7055807
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.010				7055807
23'4-TriCB-(25)	ng/g	0.00116	0.00092	0.010				7055807
TriCB-(26)+(29)	ng/g	0.0039	0.0010	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.010				7055807
24'5-TriCB-(31)	ng/g	0.0414	0.00096	0.010				7055807
24'6-TriCB-(32)	ng/g	<0.0017 (1)	0.0017	0.010				7055807
23'5'-TriCB-(34)	ng/g	<0.00098	0.00098	0.010				7055807
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.010				7055807
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.010				7055807

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0114	0.0021	0.010				7055807
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.010				7055807
34'5-TriCB-(39)	ng/g	<0.00099	0.00099	0.010				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0195	0.0020	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0214	0.0023	0.010				7055807
22'35-TetraCB-(43)	ng/g	0.0053	0.0023	0.010				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.141	0.0019	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.010				7055807
22'45-TetraCB-(48)	ng/g	0.0111	0.0020	0.010				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0858	0.0018	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.300	0.0018	0.010				7055807
22'66'-TetraCB-(54)	ng/g	<0.00041	0.00041	0.010				7055807
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010				7055807
233'4'-Tetra CB(56)	ng/g	0.0209	0.0017	0.010				7055807
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.010				7055807
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0089	0.0015	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0405	0.0017	0.010				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.287	0.0015	0.040				7055807
234'5-TetraCB-(63)	ng/g	0.0108	0.0015	0.010				7055807
234'6-TetraCB-(64)	ng/g	0.0535	0.0016	0.010				7055807
23'44'-TetraCB-(66)	ng/g	0.143	0.0015	0.010				7055807
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.010				7055807
23'45'-TetraCB-(68)	ng/g	0.0031	0.0014	0.010				7055807
23'55'-TetraCB-(72)	ng/g	0.0036	0.0016	0.010				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010				7055807
33'44'-TetraCB-(77)	ng/g	0.0173	0.0027	0.010	0.000100	0.00000173		7055807
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.010				7055807
33'45'-TetraCB(79)	ng/g	0.0074	0.0014	0.010				7055807
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.010				7055807
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.010	0.000300	0.000000810		7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0148	0.0027	0.010				7055807
PentaCB-(83)+(99)	ng/g	0.458	0.0024	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0291	0.0024	0.010				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0810	0.0019	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.202	0.0020	0.060				7055807
PentaCB-(88)+(91)	ng/g	0.0345	0.0021	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.010				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.567	0.0019	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.114	0.0023	0.010				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0021	0.0021	0.040				7055807
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.010				7055807
22'35'6-PentaCB-(95)	ng/g	0.168	0.0020	0.010				7055807
22'366'-PentaCB-(96)	ng/g	<0.00049	0.00049	0.010				7055807
22'45'6-PentaCB-(103)	ng/g	0.0026	0.0019	0.010				7055807
22'466'-PentaCB-(104)	ng/g	<0.00030	0.00030	0.010				7055807
233'44'-PentaCB-(105)	ng/g	0.229	0.0017	0.010	0.0000300	0.00000687		7055807
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.010				7055807
233'4'5-PentaCB-(107)	ng/g	0.0494	0.0011	0.010				7055807
PentaCB-(108)+(124)	ng/g	0.0173	0.0012	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.508	0.0020	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010				7055807
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.010				7055807
2344'5-PentaCB-(114)	ng/g	0.0144	0.0017	0.010	0.0000300	0.000000432		7055807
23'44'5-PentaCB-(118)	ng/g	0.698	0.0017	0.010	0.0000300	0.0000209		7055807
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.010				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.010				7055807
233'4'5'-PentaCB-(122)	ng/g	0.0044	0.0014	0.010				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0076	0.0018	0.010	0.0000300	0.000000228		7055807
33'44'5-PentaCB-(126)	ng/g	0.0018	0.0016	0.010	0.100	0.000180		7055807
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.010				7055807
HexaCB-(128)+(166)	ng/g	0.101	0.0041	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.826	0.0042	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0389	0.0049	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0043	0.0043	0.010				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0568	0.0042	0.010				7055807
22'33'55'-HexaCB-(133)	ng/g	0.0135	0.0039	0.010				7055807
HexaCB-(134)+(143)	ng/g	0.0141	0.0047	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.128	0.0025	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.011 (1)	0.011	0.010				7055807
22'344'5-HexaCB-(137)	ng/g	0.0333	0.0052	0.010				7055807
HexaCB-(139)+(140)	ng/g	0.0056	0.0034	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0405	0.0040	0.010				7055807
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.010				7055807
22'345'6-HexaCB-(144)	ng/g	0.0116	0.0027	0.010				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.010				7055807
22'34'55'-HexaCB-(146)	ng/g	0.130	0.0037	0.010				7055807
HexaCB-(147)+(149)	ng/g	0.307	0.0037	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.010				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.010				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0017	0.0017	0.010				7055807
HexaCB-(153)+(168)	ng/g	0.672	0.0032	0.010				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0049 (1)	0.0049	0.010				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0015	0.0015	0.010				7055807
HexaCB-(156)+(157)	ng/g	0.0741	0.0040	0.020	0.0000300	0.00000222		7055807
233'44'6-HexaCB-(158)	ng/g	0.0401	0.0030	0.010				7055807
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.010				7055807
233'456-HexaCB-(160)	ng/g	<0.0034	0.0034	0.010				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.010				7055807
233'4'55'-HexaCB-(162)	ng/g	0.0028	0.0026	0.010				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0186	0.0028	0.010				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.010				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0324	0.0037	0.010	0.0000300	0.000000972		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0039	0.0039	0.010	0.0300	0.000117		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0470	0.0035	0.010				7055807
HeptaCB-(171)+(173)	ng/g	0.0185	0.0037	0.020				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0103	0.0042	0.010				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0170	0.0032	0.010				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.010				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.010				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0418	0.0037	0.010				7055807
22'33'55'6-HeptaCB-(178)	ng/g	0.0262	0.0045	0.010				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0190	0.0028	0.010				7055807
HeptaCB-(180)+(193)	ng/g	0.139	0.0034	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.010				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0315	0.0025	0.010				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0027	0.0027	0.010				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.010				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.010				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.139	0.0040	0.010				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0035	0.0035	0.010				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0044	0.0044	0.010	0.0000300	0.000000132		7055807
233'44'56-HeptaCB-(190)	ng/g	0.0111	0.0040	0.010				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0033	0.0033	0.010				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.010				7055807
22'33'44'55'-OctaCB-(194)	ng/g	0.0151	0.0055	0.010				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0051	0.0051	0.010				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0081	0.0081	0.010				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0042	0.0042	0.010				7055807
OctaCB-(198)+(199)	ng/g	0.0145	0.0075	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0046	0.0046	0.010				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0042	0.0042	0.010				7055807
22'33'55'66'-OctaCB-(202)	ng/g	0.0097	0.0047	0.010				7055807
22'344'55'6-OctaCB-(203)	ng/g	0.0095	0.0073	0.010				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.010				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0045	0.0045	0.010				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.010				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.010				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0043	0.0043	0.010				7055807
DecaCB-(209)	ng/g	<0.0097	0.0097	0.010				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000331		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	74						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	73						7055807
C13-22'33'44'5-HeptaCB-(170)	%	71						7055807
C13-22'33'455'66'-NonaCB-(208)	%	70						7055807
C13-22'33'55'66'-OctaCB-(202)	%	71						7055807
C13-22'33'55'6-HeptaCB-(178)	%	81						7055807
C13-22'344'55'-HeptaCB-(180)	%	75						7055807
C13-22'34'566'-HeptaCB-(188)	%	75						7055807
C13-22'44'66'-HexaCB-(155)	%	81						7055807
C13-22'466'-PentaCB-(104)	%	86						7055807
C13-22'66'-TetraCB-(54)	%	85						7055807
C13-22'6-TriCB-(19)	%	72						7055807
C13-22'-DiCB-(4)	%	66						7055807
C13-233'44'55'6-OctaCB-(205)	%	71						7055807
C13-233'44'55'-HeptaCB-(189)	%	81						7055807
C13-233'44'-PentaCB-(105)	%	73						7055807
C13-233'55'-PentaCB-(111)	%	77						7055807
C13-23'44'55'-HexaCB-(167)	%	77						7055807
C13-2344'5-PentaCB-(114)	%	68						7055807
C13-23'44'5-PentaCB-(118)	%	72						7055807
C13-2'344'5-PentaCB-(123)	%	71						7055807
C13-2-MonoCB-(1)	%	60						7055807
C13-33'44'55'-HexaCB-(169)	%	74						7055807
C13-33'44'5-PentaCB-(126)	%	71						7055807
C13-33'44'-TetraCB-(77)	%	68						7055807
C13-344'5-TetraCB-(81)	%	62						7055807
C13-344'-TriCB-(37)	%	61						7055807
C13-44'-DiCB-(15)	%	65						7055807
C13-4-MonoCB-(3)	%	59						7055807

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BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	72						7055807
C13-HexaCB-(156)+(157)	%	76						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00077	0.00077	0.0098				7055807
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.0098				7055807
4-MonoCB-(3)	ng/g	<0.00076	0.00076	0.0098				7055807
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.0098				7055807
2,3-DiCB-(5)	ng/g	<0.0052	0.0052	0.0098				7055807
2,3'-DiCB-(6)	ng/g	<0.0051	0.0051	0.0098				7055807
2,4-DiCB-(7)	ng/g	<0.0051	0.0051	0.0098				7055807
2,4'-DiCB-(8)	ng/g	<0.0052	0.0052	0.0098				7055807
2,5-DiCB-(9)	ng/g	<0.0053	0.0053	0.0098				7055807
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0098				7055807
3,3'-DiCB-(11)	ng/g	<0.0054	0.0054	0.0098				7055807
DiCB-(12)+(13)	ng/g	<0.0053	0.0053	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0052	0.0052	0.0098				7055807
4,4'-DiCB-(15)	ng/g	<0.010	0.010	0.0098				7055807
22'3-TriCB-(16)	ng/g	<0.0020	0.0020	0.0098				7055807
22'4-TriCB-(17)	ng/g	<0.0017	0.0017	0.0098				7055807
TriCB-(18)+(30)	ng/g	0.0020	0.0014	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0098				7055807
TriCB-(20) + (28)	ng/g	0.0116	0.00078	0.020				7055807
TriCB-(21)+(33)	ng/g	0.00099	0.00086	0.020				7055807
234'-TriCB-(22)	ng/g	0.00147	0.00084	0.0098				7055807
235-TriCB-(23)	ng/g	<0.00085	0.00085	0.0098				7055807
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0098				7055807
23'4-TriCB-(25)	ng/g	<0.00074	0.00074	0.0098				7055807
TriCB-(26)+(29)	ng/g	<0.00081	0.00081	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.0098				7055807
24'5-TriCB-(31)	ng/g	0.00772	0.00078	0.0098				7055807
24'6-TriCB-(32)	ng/g	<0.0011	0.0011	0.0098				7055807
23'5'-TriCB-(34)	ng/g	<0.00079	0.00079	0.0098				7055807
33'4-TriCB-(35)	ng/g	<0.00093	0.00093	0.0098				7055807
33'5-TriCB-(36)	ng/g	<0.00071	0.00071	0.0098				7055807
344'-TriCB-(37)	ng/g	0.0042	0.0017	0.0098				7055807

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00083	0.00083	0.0098				7055807
34'5-TriCB-(39)	ng/g	<0.00080	0.00080	0.0098				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0029	0.0017	0.029				7055807
22'34'-TetraCB-(42)	ng/g	0.0028	0.0019	0.0098				7055807
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0098				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0166	0.0015	0.029				7055807
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0098				7055807
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0098				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0083	0.0015	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0285	0.0015	0.0098				7055807
22'66'-TetraCB-(54)	ng/g	<0.00069	0.00069	0.0098				7055807
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.0098				7055807
233'4'-Tetra CB(56)	ng/g	0.0027	0.0011	0.0098				7055807
233'5-TetraCB-(57)	ng/g	<0.00096	0.00096	0.0098				7055807
233'5'-TetraCB-(58)	ng/g	<0.00095	0.00095	0.0098				7055807
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.029				7055807
2344'-TetraCB -(60)	ng/g	0.0074	0.0011	0.0098				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0520	0.00098	0.039				7055807
234'5-TetraCB-(63)	ng/g	0.00166	0.00093	0.0098				7055807
234'6-TetraCB-(64)	ng/g	0.0071	0.0013	0.0098				7055807
23'44'-TetraCB-(66)	ng/g	0.0340	0.00097	0.0098				7055807
23'45-TetraCB-(67)	ng/g	<0.00083	0.00083	0.0098				7055807
23'45'-TetraCB-(68)	ng/g	<0.00092	0.00092	0.0098				7055807
23'55'-TetraCB-(72)	ng/g	<0.0010	0.0010	0.0098				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0098				7055807
33'44'-TetraCB-(77)	ng/g	0.0023	0.0017	0.0098	0.000100	0.000000230		7055807
33'45-TetraCB-(78)	ng/g	<0.0011	0.0011	0.0098				7055807
33'45'-TetraCB(79)	ng/g	0.00152	0.00088	0.0098				7055807
33'55'-TetraCB-(80)	ng/g	<0.00086	0.00086	0.0098				7055807
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0098	0.000300	0.000000510		7055807
22'33'4-PentaCB-(82)	ng/g	0.0021	0.0018	0.0098				7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0531	0.0016	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	<0.0035 (1)	0.0035	0.0098				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0108	0.0012	0.029				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0296	0.0013	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.0029	0.0014	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0015	0.0015	0.0098				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.0729	0.0013	0.029				7055807
22'355'-PentaCB-(92)	ng/g	0.0116	0.0015	0.0098				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.039				7055807
22'356'-PentaCB-(94)	ng/g	<0.0015	0.0015	0.0098				7055807
22'35'6-PentaCB-(95)	ng/g	0.0199	0.0013	0.0098				7055807
22'366'-PentaCB-(96)	ng/g	<0.00033	0.00033	0.0098				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0012	0.0012	0.0098				7055807
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0098				7055807
233'44'-PentaCB-(105)	ng/g	0.0347	0.00087	0.0098	0.0000300	0.00000104		7055807
233'45-PentaCB-(106)	ng/g	<0.00066	0.00066	0.0098				7055807
233'4'5-PentaCB-(107)	ng/g	0.00561	0.00057	0.0098				7055807
PentaCB-(108)+(124)	ng/g	0.00200	0.00064	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.0580	0.0013	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0098				7055807
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0098				7055807
2344'5-PentaCB-(114)	ng/g	0.00251	0.00086	0.0098	0.0000300	0.0000000753		7055807
23'44'5-PentaCB-(118)	ng/g	0.0986	0.00089	0.0098	0.0000300	0.00000296		7055807
23'455'-PentaCB-(120)	ng/g	<0.0012	0.0012	0.0098				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0010	0.0010	0.0098				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.00074	0.00074	0.0098				7055807
23'44'5'-PentaCB-(123)	ng/g	<0.0015 (1)	0.0015	0.0098	0.0000300	0.0000000450		7055807
33'44'5-PentaCB-(126)	ng/g	<0.00081	0.00081	0.0098	0.100	0.0000810		7055807
33'455'-PentaCB-(127)	ng/g	<0.00073	0.00073	0.0098				7055807
HexaCB-(128)+(166)	ng/g	0.0162	0.0027	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.0974	0.0028	0.029				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0041	0.0033	0.0098				7055807

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0029	0.0029	0.0098				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0085	0.0028	0.0098				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0026	0.0026	0.0098				7055807
HexaCB-(134)+(143)	ng/g	<0.0032	0.0032	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0142	0.0019	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	0.0026	0.0013	0.0098				7055807
22'344'5-HexaCB-(137)	ng/g	<0.0035	0.0035	0.0098				7055807
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0054	0.0027	0.0098				7055807
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0098				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0021	0.0021	0.0098				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0098				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0144	0.0025	0.0098				7055807
HexaCB-(147)+(149)	ng/g	0.0501	0.0025	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0018	0.0018	0.0098				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0013	0.0013	0.0098				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.0098				7055807
HexaCB-(153)+(168)	ng/g	0.0867	0.0021	0.0098				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0016	0.0016	0.0098				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0012	0.0012	0.0098				7055807
HexaCB-(156)+(157)	ng/g	0.0121	0.0015	0.020	0.0000300	0.000000363		7055807
233'44'6-HexaCB-(158)	ng/g	0.0060	0.0020	0.0098				7055807
233'455'-HexaCB-(159)	ng/g	<0.0010	0.0010	0.0098				7055807
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0098				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0098				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.00096	0.00096	0.0098				7055807
233'4'5'6-HexaCB-(164)	ng/g	<0.0027 (1)	0.0027	0.0098				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0098				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0044	0.0014	0.0098	0.0000300	0.000000132		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0098	0.0300	0.0000420		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0049	0.0030	0.0098				7055807
HeptaCB-(171)+(173)	ng/g	0.0033	0.0032	0.020				7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0036	0.0036	0.0098				7055807
22'33'456'-HeptaCB-(174)	ng/g	<0.0028	0.0028	0.0098				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0032	0.0032	0.0098				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.0098				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0042	0.0032	0.0098				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0032	0.0032	0.0098				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0035	0.0020	0.0098				7055807
HeptaCB-(180)+(193)	ng/g	0.0162	0.0029	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0098				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0098				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0045	0.0022	0.0098				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0098				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0037	0.0037	0.0098				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0098				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0149	0.0029	0.0098				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0098				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0030	0.0030	0.0098	0.0000300	0.0000000900		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0035	0.0035	0.0098				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0028	0.0028	0.0098				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.0098				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0025	0.0025	0.0098				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.0098				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0037	0.0037	0.0098				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0019	0.0019	0.0098				7055807
OctaCB-(198)+(199)	ng/g	<0.0034	0.0034	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0098				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0020	0.0020	0.0098				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022	0.0022	0.0098				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0034	0.0034	0.0098				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0020	0.0020	0.0098				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0098				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0018	0.0018	0.0098				7055807
22'33'44'566'-NonaCB-(207)	ng/g	<0.0014	0.0014	0.0098				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0019	0.0019	0.0098				7055807
DecaCB-(209)	ng/g	<0.0027	0.0027	0.0098				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000128		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	85						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	86						7055807
C13-22'33'44'5-HeptaCB-(170)	%	95						7055807
C13-22'33'455'66'-NonaCB-(208)	%	85						7055807
C13-22'33'55'66'-OctaCB-(202)	%	90						7055807
C13-22'33'55'6-HeptaCB-(178)	%	92						7055807
C13-22'344'55'-HeptaCB-(180)	%	98						7055807
C13-22'34'566'-HeptaCB-(188)	%	83						7055807
C13-22'44'66'-HexaCB-(155)	%	87						7055807
C13-22'466'-PentaCB-(104)	%	94						7055807
C13-22'66'-TetraCB-(54)	%	91						7055807
C13-22'6-TriCB-(19)	%	80						7055807
C13-22'-DiCB-(4)	%	71						7055807
C13-233'44'55'6-OctaCB-(205)	%	89						7055807
C13-233'44'55'-HeptaCB-(189)	%	102						7055807
C13-233'44'-PentaCB-(105)	%	89						7055807
C13-233'55'-PentaCB-(111)	%	91						7055807
C13-23'44'55'-HexaCB-(167)	%	95						7055807
C13-2344'5-PentaCB-(114)	%	83						7055807
C13-23'44'5-PentaCB-(118)	%	89						7055807
C13-2'344'5-PentaCB-(123)	%	85						7055807
C13-2-MonoCB-(1)	%	60						7055807
C13-33'44'55'-HexaCB-(169)	%	85						7055807
C13-33'44'5-PentaCB-(126)	%	86						7055807
C13-33'44'-TetraCB-(77)	%	82						7055807
C13-344'5-TetraCB-(81)	%	78						7055807
C13-344'-TriCB-(37)	%	80						7055807
C13-44'-DiCB-(15)	%	78						7055807
C13-4-MonoCB-(3)	%	64						7055807

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	85						7055807
C13-HexaCB-(156)+(157)	%	86						7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00068	0.00068	0.0098				7055807
3-MonoCB-(2)	ng/g	<0.00056	0.00056	0.0098				7055807
4-MonoCB-(3)	ng/g	<0.00067	0.00067	0.0098				7055807
22'-DiCB-(4)	ng/g	<0.0023	0.0023	0.0098				7055807
2,3-DiCB-(5)	ng/g	<0.0099	0.0099	0.0098				7055807
2,3'-DiCB-(6)	ng/g	<0.0096	0.0096	0.0098				7055807
2,4-DiCB-(7)	ng/g	<0.0098	0.0098	0.0098				7055807
2,4'-DiCB-(8)	ng/g	<0.0098	0.0098	0.0098				7055807
2,5-DiCB-(9)	ng/g	<0.010	0.010	0.0098				7055807
2,6-DiCB-(10)	ng/g	<0.0032	0.0032	0.0098				7055807
3,3'-DiCB-(11)	ng/g	<0.010	0.010	0.0098				7055807
DiCB-(12)+(13)	ng/g	<0.010	0.010	0.020				7055807
3,5-DiCB-(14)	ng/g	<0.0098	0.0098	0.0098				7055807
4,4'-DiCB-(15)	ng/g	<0.019	0.019	0.0098				7055807
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0098				7055807
22'4-TriCB-(17)	ng/g	<0.0023	0.0023	0.0098				7055807
TriCB-(18)+(30)	ng/g	0.0026	0.0019	0.020				7055807
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0098				7055807
TriCB-(20) + (28)	ng/g	0.0145	0.00099	0.020				7055807
TriCB-(21)+(33)	ng/g	0.0014	0.0011	0.020				7055807
234'-TriCB-(22)	ng/g	0.0018	0.0011	0.0098				7055807
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0098				7055807
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0098				7055807
23'4-TriCB-(25)	ng/g	<0.00094	0.00094	0.0098				7055807
TriCB-(26)+(29)	ng/g	0.0013	0.0010	0.020				7055807
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0098				7055807
24'5-TriCB-(31)	ng/g	0.0105	0.00098	0.0098				7055807
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0098				7055807
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0098				7055807
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0098				7055807
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.0098				7055807
344'-TriCB-(37)	ng/g	0.0029	0.0021	0.0098				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0098				7055807
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0098				7055807
TetraCB-(40)+(41)+(71)	ng/g	0.0044	0.0020	0.030				7055807
22'34'-TetraCB-(42)	ng/g	0.0045	0.0022	0.0098				7055807
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0098				7055807
TetraCB-(44)+(47)+(65)	ng/g	0.0284	0.0018	0.030				7055807
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.020				7055807
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0098				7055807
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.0098				7055807
TetraCB-(49)+TetraCB-(69)	ng/g	0.0141	0.0018	0.020				7055807
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020				7055807
22'55'-TetraCB-(52)	ng/g	0.0572	0.0018	0.0098				7055807
22'66'-TetraCB-(54)	ng/g	<0.00048	0.00048	0.0098				7055807
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0098				7055807
233'4'-Tetra CB(56)	ng/g	0.0044	0.0015	0.0098				7055807
233'5-TetraCB-(57)	ng/g	<0.0014	0.0014	0.0098				7055807
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0098				7055807
TetraCB-(59)+(62)+(75)	ng/g	0.0019	0.0015	0.030				7055807
2344'-TetraCB -(60)	ng/g	0.0080	0.0016	0.0098				7055807
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0832	0.0014	0.039				7055807
234'5-TetraCB-(63)	ng/g	0.0023	0.0014	0.0098				7055807
234'6-TetraCB-(64)	ng/g	0.0108	0.0016	0.0098				7055807
23'44'-TetraCB-(66)	ng/g	0.0444	0.0014	0.0098				7055807
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0098				7055807
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0098				7055807
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0098				7055807
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0098				7055807
33'44'-TetraCB-(77)	ng/g	<0.0026 (1)	0.0026	0.0098	0.000100	0.000000260		7055807
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0098				7055807
33'45'-TetraCB(79)	ng/g	0.0019	0.0013	0.0098				7055807
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0098				7055807
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0098	0.000300	0.000000750		7055807

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0047	0.0026	0.0098				7055807
PentaCB-(83)+(99)	ng/g	0.110	0.0023	0.020				7055807
22'33'6-PentaCB-(84)	ng/g	0.0086	0.0023	0.0098				7055807
PentaCB-(85)+(116)+(117)	ng/g	0.0193	0.0018	0.030				7055807
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0518	0.0019	0.059				7055807
PentaCB-(88)+(91)	ng/g	0.0079	0.0020	0.020				7055807
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.0098				7055807
PentaCB-(90)+(101)+(113)	ng/g	0.145	0.0018	0.030				7055807
22'355'-PentaCB-(92)	ng/g	0.0271	0.0022	0.0098				7055807
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.039				7055807
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.0098				7055807
22'35'6-PentaCB-(95)	ng/g	0.0493	0.0019	0.0098				7055807
22'366'-PentaCB-(96)	ng/g	<0.00070	0.00070	0.0098				7055807
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.0098				7055807
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.0098				7055807
233'44'-PentaCB-(105)	ng/g	0.0644	0.0017	0.0098	0.0000300	0.00000193		7055807
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0098				7055807
233'4'5-PentaCB-(107)	ng/g	0.0118	0.0011	0.0098				7055807
PentaCB-(108)+(124)	ng/g	0.0037	0.0013	0.020				7055807
PentaCB-(110)+(115)	ng/g	0.134	0.0019	0.020				7055807
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0098				7055807
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0098				7055807
2344'5-PentaCB-(114)	ng/g	0.0037	0.0017	0.0098	0.0000300	0.000000111		7055807
23'44'5-PentaCB-(118)	ng/g	0.187	0.0018	0.0098	0.0000300	0.00000561		7055807
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0098				7055807
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0098				7055807
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0098				7055807
23'44'5'-PentaCB-(123)	ng/g	0.0021	0.0019	0.0098	0.0000300	0.0000000630		7055807
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0098	0.100	0.000160		7055807
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0098				7055807
HexaCB-(128)+(166)	ng/g	0.0281	0.0034	0.020				7055807
HexaCB-(129)+(138)+(163)	ng/g	0.205	0.0035	0.030				7055807
22'33'45'-HexaCB-(130)	ng/g	0.0102	0.0041	0.0098				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.0098				7055807
22'33'46'-HexaCB-(132)	ng/g	0.0226	0.0035	0.0098				7055807
22'33'55'-HexaCB-(133)	ng/g	<0.0033	0.0033	0.0098				7055807
HexaCB-(134)+(143)	ng/g	<0.0039	0.0039	0.020				7055807
HexaCB-(135)+(151)	ng/g	0.0352	0.0042	0.020				7055807
22'33'66'-HexaCB-(136)	ng/g	<0.0056 (1)	0.0056	0.0098				7055807
22'344'5-HexaCB-(137)	ng/g	0.0093	0.0044	0.0098				7055807
HexaCB-(139)+(140)	ng/g	<0.0028	0.0028	0.020				7055807
22'3455'-HexaCB-(141)	ng/g	0.0115	0.0034	0.0098				7055807
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.0098				7055807
22'345'6-HexaCB-(144)	ng/g	<0.0046	0.0046	0.0098				7055807
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.0098				7055807
22'34'55'-HexaCB-(146)	ng/g	0.0324	0.0031	0.0098				7055807
HexaCB-(147)+(149)	ng/g	0.117	0.0031	0.020				7055807
22'34'56'-HexaCB-(148)	ng/g	<0.0041	0.0041	0.0098				7055807
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0098				7055807
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.0098				7055807
HexaCB-(153)+(168)	ng/g	0.173	0.0026	0.0098				7055807
22'44'56'-HexaCB-(154)	ng/g	<0.0035	0.0035	0.0098				7055807
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.0098				7055807
HexaCB-(156)+(157)	ng/g	0.0215	0.0026	0.020	0.0000300	0.000000645		7055807
233'44'6-HexaCB-(158)	ng/g	0.0122	0.0025	0.0098				7055807
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0098				7055807
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0098				7055807
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0098				7055807
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0098				7055807
233'4'5'6-HexaCB-(164)	ng/g	0.0051	0.0023	0.0098				7055807
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0098				7055807
23'44'55'-HexaCB-(167)	ng/g	0.0075	0.0024	0.0098	0.0000300	0.000000225		7055807
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0098	0.0300	0.0000750		7055807
22'33'44'5-HeptaCB-(170)	ng/g	0.0083	0.0040	0.0098				7055807
HeptaCB-(171)+(173)	ng/g	<0.0055 (1)	0.0055	0.020				7055807

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	<0.0049	0.0049	0.0098				7055807
22'33'456'-HeptaCB-(174)	ng/g	0.0055	0.0037	0.0098				7055807
22'33'45'6-HeptaCB-(175)	ng/g	<0.0037	0.0037	0.0098				7055807
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0098				7055807
22'33'45'6'-HeptaCB-(177)	ng/g	0.0101	0.0043	0.0098				7055807
22'33'55'6-HeptaCB-(178)	ng/g	<0.0051 (1)	0.0051	0.0098				7055807
22'33'566'-HeptaCB-(179)	ng/g	0.0081	0.0024	0.0098				7055807
HeptaCB-(180)+(193)	ng/g	0.0255	0.0039	0.020				7055807
22'344'56-HeptaCB-(181)	ng/g	<0.0040	0.0040	0.0098				7055807
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0098				7055807
22'344'5'6-HeptaCB-(183)	ng/g	0.0094	0.0029	0.0098				7055807
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0098				7055807
22'3455'6-HeptaCB-(185)	ng/g	<0.0049	0.0049	0.0098				7055807
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0098				7055807
22'34'55'6-HeptaCB-(187)	ng/g	0.0336	0.0034	0.0098				7055807
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0098				7055807
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.0098	0.0000300	0.0000000780		7055807
233'44'56-HeptaCB-(190)	ng/g	<0.0047	0.0047	0.0098				7055807
233'44'5'6-HeptaCB-(191)	ng/g	<0.0038	0.0038	0.0098				7055807
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0098				7055807
22'33'44'55'-OctaCB-(194)	ng/g	<0.0067	0.0067	0.0098				7055807
22'33'44'56-OctaCB-(195)	ng/g	<0.0062	0.0062	0.0098				7055807
22'33'44'56'-OctaCB-(196)	ng/g	<0.0086	0.0086	0.0098				7055807
22'33'44'66'OctaCB-(197)	ng/g	<0.0045	0.0045	0.0098				7055807
OctaCB-(198)+(199)	ng/g	<0.0080	0.0080	0.020				7055807
22'33'4566'-OctaCB-(200)	ng/g	<0.0049	0.0049	0.0098				7055807
22'33'45'66'-OctaCB-(201)	ng/g	<0.0045	0.0045	0.0098				7055807
22'33'55'66'-OctaCB-(202)	ng/g	<0.0051	0.0051	0.0098				7055807
22'344'55'6-OctaCB-(203)	ng/g	<0.0078	0.0078	0.0098				7055807
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.0098				7055807
233'44'55'6-OctaCB-(205)	ng/g	<0.0055	0.0055	0.0098				7055807
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0025	0.0025	0.0098				7055807

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0020	0.0020	0.0098				7055807
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.0098				7055807
DecaCB-(209)	ng/g	<0.0055	0.0055	0.0098				7055807
TOTAL TOXIC EQUIVALENCY	ng/g					0.000245		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79						7055807
C13-22'33'44'55'6-NonaCB-(206)	%	72						7055807
C13-22'33'44'5-HeptaCB-(170)	%	86						7055807
C13-22'33'455'66'-NonaCB-(208)	%	75						7055807
C13-22'33'55'66'-OctaCB-(202)	%	86						7055807
C13-22'33'55'6-HeptaCB-(178)	%	80						7055807
C13-22'344'55'-HeptaCB-(180)	%	92						7055807
C13-22'34'566'-HeptaCB-(188)	%	78						7055807
C13-22'44'66'-HexaCB-(155)	%	90						7055807
C13-22'466'-PentaCB-(104)	%	86						7055807
C13-22'66'-TetraCB-(54)	%	81						7055807
C13-22'6-TriCB-(19)	%	69						7055807
C13-22'-DiCB-(4)	%	58						7055807
C13-233'44'55'6-OctaCB-(205)	%	81						7055807
C13-233'44'55'-HeptaCB-(189)	%	95						7055807
C13-233'44'-PentaCB-(105)	%	74						7055807
C13-233'55'-PentaCB-(111)	%	73						7055807
C13-23'44'55'-HexaCB-(167)	%	83						7055807
C13-2344'5-PentaCB-(114)	%	71						7055807
C13-23'44'5-PentaCB-(118)	%	77						7055807
C13-2'344'5-PentaCB-(123)	%	77						7055807
C13-2-MonoCB-(1)	%	47						7055807
C13-33'44'55'-HexaCB-(169)	%	71						7055807
C13-33'44'5-PentaCB-(126)	%	71						7055807
C13-33'44'-TetraCB-(77)	%	71						7055807
C13-344'5-TetraCB-(81)	%	66						7055807
C13-344'-TriCB-(37)	%	73						7055807
C13-44'-DiCB-(15)	%	68						7055807

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	54						7055807
C13-DecaCB-(209)	%	69						7055807
C13-HexaCB-(156)+(157)	%	75						7055807

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00067	0.00067	0.010				7099793
3-MonoCB-(2)	ng/g	<0.00055	0.00055	0.010				7099793
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.010				7099793
22'-DiCB-(4)	ng/g	0.0074	0.0012	0.010				7099793
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.010				7099793
2,3'-DiCB-(6)	ng/g	0.0026	0.0010	0.010				7099793
2,4-DiCB-(7)	ng/g	<0.00099	0.00099	0.010				7099793
2,4'-DiCB-(8)	ng/g	0.00526	0.00083	0.010				7099793
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.010				7099793
2,6-DiCB-(10)	ng/g	<0.00095	0.00095	0.010				7099793
3,3'-DiCB-(11)	ng/g	0.0047	0.0011	0.010				7099793
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.010				7099793
4,4'-DiCB-(15)	ng/g	0.0059	0.0017	0.010				7099793
22'3-TriCB-(16)	ng/g	0.0277	0.0027	0.010				7099793
22'4-TriCB-(17)	ng/g	0.0292	0.0022	0.010				7099793
TriCB-(18)+(30)	ng/g	0.0929	0.0017	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.010				7099793
TriCB-(20) + (28)	ng/g	0.339	0.0019	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0421	0.0021	0.020				7099793
234'-TriCB-(22)	ng/g	0.0475	0.0021	0.010				7099793
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.010				7099793
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.010				7099793
23'4-TriCB-(25)	ng/g	0.0124	0.0018	0.010				7099793
TriCB-(26)+(29)	ng/g	0.0345	0.0020	0.020				7099793
23'6-TriCB-(27)	ng/g	0.0088	0.0016	0.010				7099793
24'5-TriCB-(31)	ng/g	0.272	0.0019	0.010				7099793
24'6-TriCB-(32)	ng/g	0.0140	0.0014	0.010				7099793
23'5'-TriCB-(34)	ng/g	<0.0020	0.0020	0.010				7099793
33'4-TriCB-(35)	ng/g	<0.0021	0.0021	0.010				7099793
33'5-TriCB-(36)	ng/g	<0.0017	0.0017	0.010				7099793
344'-TriCB-(37)	ng/g	0.0266	0.0035	0.010				7099793

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.010				7099793
34'5-TriCB-(39)	ng/g	0.0035	0.0019	0.010				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.121	0.0024	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0992	0.0030	0.010				7099793
22'35-TetraCB-(43)	ng/g	0.0193	0.0035	0.010				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.514	0.0022	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0157	0.0024	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.0039	0.0027	0.010				7099793
22'45-TetraCB-(48)	ng/g	0.0442	0.0023	0.010				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.324	0.0021	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0169	0.0022	0.020				7099793
22'55'-TetraCB-(52)	ng/g	0.974	0.0022	0.010				7099793
22'66'-TetraCB-(54)	ng/g	<0.00094	0.00094	0.010				7099793
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.010				7099793
233'4'-Tetra CB(56)	ng/g	0.119	0.0018	0.010				7099793
233'5-TetraCB-(57)	ng/g	0.0021	0.0016	0.010				7099793
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.010				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0341	0.0017	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.147	0.0018	0.010				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.28	0.0017	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0385	0.0016	0.010				7099793
234'6-TetraCB-(64)	ng/g	0.214	0.0018	0.010				7099793
23'44'-TetraCB-(66)	ng/g	0.748	0.0017	0.010				7099793
23'45-TetraCB-(67)	ng/g	0.0059	0.0014	0.010				7099793
23'45'-TetraCB-(68)	ng/g	0.0140	0.0015	0.010				7099793
23'55'-TetraCB-(72)	ng/g	0.0133	0.0016	0.010				7099793
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.010				7099793
33'44'-TetraCB-(77)	ng/g	0.0547	0.0024	0.010	0.000100	0.00000547		7099793
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.010				7099793
33'45'-TetraCB(79)	ng/g	0.0216	0.0015	0.010				7099793
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.010				7099793
344'5-TetraCB-(81)	ng/g	0.0031	0.0024	0.010	0.000300	0.000000930		7099793
22'33'4-PentaCB-(82)	ng/g	0.0945	0.0022	0.010				7099793

EDL = Estimated Detection Limit

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	1.95	0.0020	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.182	0.0020	0.010				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.357	0.0015	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.955	0.0016	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.176	0.0018	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.0029	0.0020	0.010				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.66	0.0016	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.433	0.0019	0.010				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0278	0.0018	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.0033	0.0019	0.010				7099793
22'35'6-PentaCB-(95)	ng/g	0.865	0.0017	0.010				7099793
22'366'-PentaCB-(96)	ng/g	0.00099	0.00072	0.010				7099793
22'45'6-PentaCB-(103)	ng/g	0.0128	0.0016	0.010				7099793
22'466'-PentaCB-(104)	ng/g	<0.00071	0.00071	0.010				7099793
233'44'-PentaCB-(105)	ng/g	1.11	0.0021	0.010	0.0000300	0.0000333		7099793
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.010				7099793
233'4'5-PentaCB-(107)	ng/g	0.201	0.0015	0.010				7099793
PentaCB-(108)+(124)	ng/g	0.0732	0.0016	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.21	0.0016	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.0034	0.0014	0.010				7099793
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.010				7099793
2344'5-PentaCB-(114)	ng/g	0.0632	0.0021	0.010	0.0000300	0.00000190		7099793
23'44'5-PentaCB-(118)	ng/g	3.16	0.0021	0.010	0.0000300	0.0000948		7099793
23'455'-PentaCB-(120)	ng/g	0.0043	0.0014	0.010				7099793
23'45'6-PentaCB-(121)	ng/g	0.0016	0.0014	0.010				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0203	0.0019	0.010				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0371	0.0023	0.010	0.0000300	0.00000111		7099793
33'44'5-PentaCB-(126)	ng/g	0.0054	0.0020	0.010	0.100	0.000540		7099793
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.010				7099793
HexaCB-(128)+(166)	ng/g	0.473	0.0024	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	3.99	0.0027	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.191	0.0033	0.010				7099793
22'33'46-HexaCB-(131)	ng/g	0.0184	0.0033	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.414	0.0028	0.010				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0619	0.0028	0.010				7099793
HexaCB-(134)+(143)	ng/g	0.0563	0.0029	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.575	0.0019	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0839	0.0014	0.010				7099793
22'344'5-HexaCB-(137)	ng/g	0.157	0.0031	0.010				7099793
HexaCB-(139)+(140)	ng/g	0.0296	0.0025	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.242	0.0026	0.010				7099793
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.010				7099793
22'345'6-HexaCB-(144)	ng/g	0.0577	0.0021	0.010				7099793
22'3466'-HexaCB-(145)	ng/g	<0.0014	0.0014	0.010				7099793
22'34'55'-HexaCB-(146)	ng/g	0.556	0.0024	0.010				7099793
HexaCB-(147)+(149)	ng/g	1.66	0.0024	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.0041	0.0019	0.010				7099793
22'34'66'-HexaCB-(150)	ng/g	0.0023	0.0014	0.010				7099793
22'3566'-HexaCB-(152)	ng/g	<0.0013	0.0013	0.010				7099793
HexaCB-(153)+(168)	ng/g	3.35	0.0022	0.010				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0335	0.0017	0.010				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0068	0.0017	0.010				7099793
HexaCB-(156)+(157)	ng/g	0.343	0.0022	0.020	0.0000300	0.0000103		7099793
233'44'6-HexaCB-(158)	ng/g	0.230	0.0020	0.010				7099793
233'455'-HexaCB-(159)	ng/g	0.0086	0.0017	0.010				7099793
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.010				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.010				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0141	0.0016	0.010				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0981	0.0020	0.010				7099793
233'55'6-HexaCB-(165)	ng/g	0.0031	0.0022	0.010				7099793
23'44'55'-HexaCB-(167)	ng/g	0.133	0.0021	0.010	0.0000300	0.00000399		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0022	0.0022	0.010	0.0300	0.0000660		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.217	0.0018	0.010				7099793
HeptaCB-(171)+(173)	ng/g	0.100	0.0020	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0569	0.0022	0.010				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.163	0.0017	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	0.0124	0.0011	0.010				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0262	0.00081	0.010				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.248	0.0020	0.010				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.125	0.0012	0.010				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.120	0.00078	0.010				7099793
HeptaCB-(180)+(193)	ng/g	0.628	0.0016	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	<0.0019	0.0019	0.010				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.0011	0.0011	0.010				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.259	0.0018	0.010				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00634	0.00074	0.010				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0018	0.0018	0.010				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00082	0.00082	0.010				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.732	0.0010	0.010				7099793
22'34'566'-HeptaCB-(188)	ng/g	<0.0011	0.0011	0.010				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0129	0.0020	0.010	0.0000300	0.000000387		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0677	0.0017	0.010				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0137	0.0016	0.010				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.010				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0563	0.0049	0.010				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0227	0.0049	0.010				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0386	0.0017	0.010				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0093	0.0011	0.010				7099793
OctaCB-(198)+(199)	ng/g	0.103	0.0016	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	<0.0056 (1)	0.0056	0.010				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0202	0.0011	0.010				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0436	0.0012	0.010				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0566	0.0015	0.010				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.0011	0.0011	0.010				7099793
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.010				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0192	0.0071	0.010				7099793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0057	0.0057	0.010				7099793
22'33'455'66'-NonaCB-(208)	ng/g	<0.0074	0.0074	0.010				7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.011	0.011	0.010				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000758		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	106						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	85						7099793
C13-22'33'44'5-HeptaCB-(170)	%	188 (1)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	99						7099793
C13-22'33'55'66'-OctaCB-(202)	%	156 (1)						7099793
C13-22'33'55'6-HeptaCB-(178)	%	75						7099793
C13-22'344'55'-HeptaCB-(180)	%	191 (1)						7099793
C13-22'34'566'-HeptaCB-(188)	%	73						7099793
C13-22'44'66'-HexaCB-(155)	%	73						7099793
C13-22'466'-PentaCB-(104)	%	79						7099793
C13-22'66'-TetraCB-(54)	%	76						7099793
C13-22'6-TriCB-(19)	%	11 (1)						7099793
C13-22'-DiCB-(4)	%	55						7099793
C13-233'44'55'6-OctaCB-(205)	%	90						7099793
C13-233'44'55'-HeptaCB-(189)	%	142 (1)						7099793
C13-233'44'-PentaCB-(105)	%	121						7099793
C13-233'55'-PentaCB-(111)	%	91						7099793
C13-23'44'55'-HexaCB-(167)	%	114						7099793
C13-2344'5-PentaCB-(114)	%	118						7099793
C13-23'44'5-PentaCB-(118)	%	122						7099793
C13-2'344'5-PentaCB-(123)	%	121						7099793
C13-2-MonoCB-(1)	%	67						7099793
C13-33'44'55'-HexaCB-(169)	%	75						7099793
C13-33'44'5-PentaCB-(126)	%	117						7099793
C13-33'44'-TetraCB-(77)	%	115						7099793
C13-344'5-TetraCB-(81)	%	117						7099793
C13-344'-TriCB-(37)	%	111						7099793
C13-44'-DiCB-(15)	%	86						7099793
C13-4-MonoCB-(3)	%	69						7099793

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QC Batch = Quality Control Batch

(1) Recovery outside method acceptance criteria due to matrix effects

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	95						7099793
C13-HexaCB-(156)+(157)	%	111						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00068	0.00068	0.0099				7099793
3-MonoCB-(2)	ng/g	<0.00056	0.00056	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00386	0.00074	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00088	0.00088	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0015 (1)	0.0015	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00068	0.00068	0.0099				7099793
2,4'-DiCB-(8)	ng/g	<0.0027 (1)	0.0027	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00071	0.00071	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00061	0.00061	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00352	0.00072	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.00071	0.00071	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00070	0.00070	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.0038	0.0012	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0115	0.0013	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0123	0.0011	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0485	0.00084	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.157	0.00070	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0186	0.00074	0.020				7099793
234'-TriCB-(22)	ng/g	0.0207	0.00077	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00079	0.00079	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00070	0.00070	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00608	0.00065	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0207	0.00073	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00471	0.00081	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.105	0.00070	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00498	0.00068	0.0099				7099793
23'5'-TriCB-(34)	ng/g	<0.00072	0.00072	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00062	0.00062	0.0099				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.012 (1)	0.012	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00074	0.00074	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00195	0.00070	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0749	0.0015	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0784	0.0019	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0193	0.0023	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.438	0.0014	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0087	0.0015	0.020				7099793
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0421	0.0015	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.272	0.0013	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0049	0.0014	0.020				7099793
22'55'-TetraCB-(52)	ng/g	0.886	0.0014	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00093	0.00093	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.0940	0.00099	0.0099				7099793
233'5-TetraCB-(57)	ng/g	<0.00089	0.00089	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00090	0.00090	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0264	0.0011	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.0992	0.00096	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.913	0.00089	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0302	0.00085	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.138	0.0012	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.510	0.00090	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00414	0.00078	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0137	0.00079	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0125	0.00085	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0449	0.0013	0.0099	0.000100	0.00000449		7099793
33'45-TetraCB-(78)	ng/g	<0.00096	0.00096	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0170	0.00080	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00078	0.00078	0.0099				7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	0.0021	0.0013	0.0099	0.000300	0.000000630		7099793
22'33'4-PentaCB-(82)	ng/g	0.0718	0.0022	0.0099				7099793
PentaCB-(83)+(99)	ng/g	1.81	0.0019	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.165	0.0020	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.379	0.0015	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.794	0.0015	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.132	0.0018	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.0019	0.0019	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.19	0.0015	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.417	0.0019	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0213	0.0017	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.0028	0.0018	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	0.798	0.0017	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	<0.00075	0.00075	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0125	0.0016	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00074	0.00074	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.04	0.0013	0.0099	0.0000300	0.0000312		7099793
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.208	0.00089	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0669	0.0010	0.020				7099793
PentaCB-(110)+(115)	ng/g	1.87	0.0015	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.0040	0.0014	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0587	0.0013	0.0099	0.0000300	0.00000176		7099793
23'44'5-PentaCB-(118)	ng/g	2.96	0.0013	0.0099	0.0000300	0.0000888		7099793
23'455'-PentaCB-(120)	ng/g	0.0051	0.0014	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	<0.0013	0.0013	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0215	0.0011	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0283	0.0014	0.0099	0.0000300	0.000000849		7099793
33'44'5-PentaCB-(126)	ng/g	0.0051	0.0012	0.0099	0.100	0.000510		7099793
33'455'-PentaCB-(127)	ng/g	0.0068	0.0011	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.464	0.0025	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	4.02	0.0028	0.030				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.182	0.0034	0.0099				7099793
22'33'46-HexaCB-(131)	ng/g	0.0167	0.0034	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.300	0.0030	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0649	0.0029	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0670	0.0031	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.576	0.0012	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0676	0.00087	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.155	0.0032	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0396	0.0026	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.195	0.0027	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0593	0.0013	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00088	0.00088	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.569	0.0025	0.0099				7099793
HexaCB-(147)+(149)	ng/g	1.30	0.0025	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.0042	0.0012	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00189	0.00089	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	<0.00081	0.00081	0.0099				7099793
HexaCB-(153)+(168)	ng/g	3.64	0.0023	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0354	0.0010	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0072	0.0011	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.361	0.0022	0.020	0.0000300	0.0000108		7099793
233'44'6-HexaCB-(158)	ng/g	0.257	0.0021	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0055	0.0016	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0144	0.0016	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0919	0.0021	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.146	0.0020	0.0099	0.0000300	0.00000438		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0099	0.0300	0.0000630		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.231	0.0022	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.109	0.0024	0.020				7099793

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0563	0.0026	0.0099				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.103	0.0021	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0133	0.0020	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0201	0.0014	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.236	0.0024	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.143	0.0021	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.110	0.0014	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.714	0.0019	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0044	0.0023	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.0019	0.0019	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.323	0.0022	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0085	0.0013	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.750	0.0018	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0143	0.0041	0.0099	0.0000300	0.000000429		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0677	0.0021	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0174	0.0020	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0553	0.0035	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0231	0.0035	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0383	0.0019	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0091	0.0012	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.101	0.0019	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.0039	0.0012	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0213	0.0012	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0482	0.0014	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0662	0.0017	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.0013	0.0013	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0166	0.0056	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.0099				7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0058	0.0058	0.0099				7099793
DecaCB-(209)	ng/g	<0.0096	0.0096	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000716		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	104						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	94						7099793
C13-22'33'44'5-HeptaCB-(170)	%	197 (1)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	107						7099793
C13-22'33'55'66'-OctaCB-(202)	%	175 (1)						7099793
C13-22'33'55'6-HeptaCB-(178)	%	73						7099793
C13-22'344'55'-HeptaCB-(180)	%	203 (1)						7099793
C13-22'34'566'-HeptaCB-(188)	%	78						7099793
C13-22'44'66'-HexaCB-(155)	%	80						7099793
C13-22'466'-PentaCB-(104)	%	83						7099793
C13-22'66'-TetraCB-(54)	%	80						7099793
C13-22'6-TriCB-(19)	%	68						7099793
C13-22'-DiCB-(4)	%	61						7099793
C13-233'44'55'6-OctaCB-(205)	%	89						7099793
C13-233'44'55'-HeptaCB-(189)	%	148 (1)						7099793
C13-233'44'-PentaCB-(105)	%	121						7099793
C13-233'55'-PentaCB-(111)	%	83						7099793
C13-23'44'55'-HexaCB-(167)	%	111						7099793
C13-2344'5-PentaCB-(114)	%	121						7099793
C13-23'44'5-PentaCB-(118)	%	123						7099793
C13-2'344'5-PentaCB-(123)	%	120						7099793
C13-2-MonoCB-(1)	%	76						7099793
C13-33'44'55'-HexaCB-(169)	%	80						7099793
C13-33'44'5-PentaCB-(126)	%	115						7099793
C13-33'44'-TetraCB-(77)	%	109						7099793
C13-344'5-TetraCB-(81)	%	115						7099793
C13-344'-TriCB-(37)	%	113						7099793
C13-44'-DiCB-(15)	%	89						7099793

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	81						7099793
C13-DecaCB-(209)	%	82						7099793
C13-HexaCB-(156)+(157)	%	112						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071	0.00071	0.0099				7099793
3-MonoCB-(2)	ng/g	<0.00058	0.00058	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00068	0.00068	0.0099				7099793
22'-DiCB-(4)	ng/g	<0.0048 (1)	0.0048	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.0014	0.0014	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00388	0.00089	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00093	0.00093	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.0045	0.0011	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.0053	0.0018	0.0099				7099793
22'3-TriCB-(16)	ng/g	<0.018 (1)	0.018	0.0099				7099793
22'4-TriCB-(17)	ng/g	<0.021 (1)	0.021	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0705	0.0010	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.227	0.0011	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0256	0.0011	0.020				7099793
234'-TriCB-(22)	ng/g	0.0296	0.0012	0.0099				7099793
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00087	0.00087	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00691	0.00099	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0239	0.0011	0.020				7099793
23'6-TriCB-(27)	ng/g	0.0066	0.0010	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.131	0.0011	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00706	0.00084	0.0099				7099793
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00095	0.00095	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0207	0.0019	0.0099				7099793
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.0031	0.0011	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.105	0.00085	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.115	0.0011	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0285	0.0013	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.639	0.00078	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0166	0.00085	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00419	0.00096	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0650	0.00082	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.409	0.00074	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0145	0.00080	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.29	0.00078	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.123	0.0014	0.0099				7099793
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0404	0.00061	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.143	0.0014	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.32	0.0013	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0426	0.0012	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.227	0.00067	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.774	0.0013	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.0079	0.0011	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0182	0.0012	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0190	0.0012	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00057	0.00057	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0692	0.0019	0.0099	0.000100	0.00000692		7099793
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0320	0.0012	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0036	0.0019	0.0099	0.000300	0.00000108		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0845	0.0015	0.0099				7099793
PentaCB-(83)+(99)	ng/g	2.56	0.0013	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.246	0.0014	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.443	0.0010	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.12	0.0011	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.213	0.0012	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	3.36	0.0011	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.600	0.0013	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0302	0.0012	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.0037	0.0013	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	1.13	0.0012	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	<0.0020	0.0020	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0203	0.0011	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.55	0.0019	0.0099	0.0000300	0.0000465		7099793
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.284	0.0013	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.108	0.0015	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.65	0.0011	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00441	0.00095	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00085	0.00085	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0859	0.0019	0.0099	0.0000300	0.00000258		7099793
23'44'5-PentaCB-(118)	ng/g	4.46	0.0018	0.0099	0.0000300	0.000134		7099793
23'455'-PentaCB-(120)	ng/g	0.00556	0.00096	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	<0.00091	0.00091	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0311	0.0017	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0809	0.0020	0.0099	0.0000300	0.00000243		7099793
33'44'5-PentaCB-(126)	ng/g	0.0056	0.0018	0.0099	0.100	0.000560		7099793
33'455'-PentaCB-(127)	ng/g	0.0105	0.0016	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.645	0.0028	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.55	0.0031	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.288	0.0038	0.0099				7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0238	0.0038	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.457	0.0033	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0833	0.0032	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0931	0.0034	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.806	0.0017	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.104	0.0013	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.240	0.0036	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0493	0.0028	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.271	0.0030	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0875	0.0019	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.0013	0.0013	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.745	0.0027	0.0099				7099793
HexaCB-(147)+(149)	ng/g	1.97	0.0028	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.0048	0.0017	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.0029	0.0013	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	<0.0012	0.0012	0.0099				7099793
HexaCB-(153)+(168)	ng/g	4.67	0.0025	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0424	0.0015	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0094	0.0015	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.540	0.0025	0.020	0.0000300	0.0000162		7099793
233'44'6-HexaCB-(158)	ng/g	0.381	0.0023	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0068	0.0019	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0202	0.0018	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.107	0.0023	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.228	0.0023	0.0099	0.0000300	0.00000684		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0099	0.0300	0.0000750		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.335	0.0040	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.171	0.0044	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0709	0.0048	0.0099				7099793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.146	0.0038	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0215	0.0028	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0343	0.0021	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.387	0.0044	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.181	0.0029	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.176	0.0020	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.976	0.0036	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0064	0.0043	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.433	0.0041	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0110	0.0019	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	0.0060	0.0041	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	1.05	0.0026	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0199	0.0048	0.0099	0.0000300	0.000000597		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0995	0.0038	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0227	0.0036	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0829	0.0059	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0328	0.0059	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0584	0.0023	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0161	0.0015	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.118	0.0022	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.0043	0.0015	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0331	0.0015	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0664	0.0017	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0890	0.0021	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.0015	0.0015	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	<0.0053	0.0053	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.023 (1)	0.023	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	<0.0069	0.0069	0.0099				7099793

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0089	0.0089	0.0099				7099793
DecaCB-(209)	ng/g	<0.011	0.011	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000852		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	112						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	87						7099793
C13-22'33'44'5-HeptaCB-(170)	%	182 (1)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	97						7099793
C13-22'33'55'66'-OctaCB-(202)	%	147 (1)						7099793
C13-22'33'55'6-HeptaCB-(178)	%	76						7099793
C13-22'344'55'-HeptaCB-(180)	%	190 (1)						7099793
C13-22'34'566'-HeptaCB-(188)	%	70						7099793
C13-22'44'66'-HexaCB-(155)	%	69						7099793
C13-22'466'-PentaCB-(104)	%	72						7099793
C13-22'66'-TetraCB-(54)	%	69						7099793
C13-22'6-TriCB-(19)	%	59						7099793
C13-22'-DiCB-(4)	%	53						7099793
C13-233'44'55'6-OctaCB-(205)	%	86						7099793
C13-233'44'55'-HeptaCB-(189)	%	136						7099793
C13-233'44'-PentaCB-(105)	%	113						7099793
C13-233'55'-PentaCB-(111)	%	88						7099793
C13-23'44'55'-HexaCB-(167)	%	106						7099793
C13-2344'5-PentaCB-(114)	%	110						7099793
C13-23'44'5-PentaCB-(118)	%	114						7099793
C13-2'344'5-PentaCB-(123)	%	109						7099793
C13-2-MonoCB-(1)	%	66						7099793
C13-33'44'55'-HexaCB-(169)	%	84						7099793
C13-33'44'5-PentaCB-(126)	%	115						7099793
C13-33'44'-TetraCB-(77)	%	105						7099793
C13-344'5-TetraCB-(81)	%	107						7099793
C13-344'-TriCB-(37)	%	104						7099793
C13-44'-DiCB-(15)	%	79						7099793

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ638						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	71						7099793
C13-DecaCB-(209)	%	80						7099793
C13-HexaCB-(156)+(157)	%	106						7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00023	0.00023	0.010				7099793
3-MonoCB-(2)	ng/g	<0.00019	0.00019	0.010				7099793
4-MonoCB-(3)	ng/g	<0.00025 (1)	0.00025	0.010				7099793
22'-DiCB-(4)	ng/g	0.00215	0.00032	0.010				7099793
2,3-DiCB-(5)	ng/g	<0.00039	0.00039	0.010				7099793
2,3'-DiCB-(6)	ng/g	0.00114	0.00036	0.010				7099793
2,4-DiCB-(7)	ng/g	<0.00039	0.00039	0.010				7099793
2,4'-DiCB-(8)	ng/g	0.00259	0.00034	0.010				7099793
2,5-DiCB-(9)	ng/g	<0.00035	0.00035	0.010				7099793
2,6-DiCB-(10)	ng/g	<0.00026	0.00026	0.010				7099793
3,3'-DiCB-(11)	ng/g	0.00291	0.00038	0.010				7099793
DiCB-(12)+(13)	ng/g	<0.00036	0.00036	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00036	0.00036	0.010				7099793
4,4'-DiCB-(15)	ng/g	0.00251	0.00059	0.010				7099793
22'3-TriCB-(16)	ng/g	0.0129	0.00072	0.010				7099793
22'4-TriCB-(17)	ng/g	0.00988	0.00043	0.010				7099793
TriCB-(18)+(30)	ng/g	0.0362	0.00034	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00038	0.00038	0.010				7099793
TriCB-(20) + (28)	ng/g	0.111	0.00049	0.020				7099793
TriCB-(21)+(33)	ng/g	0.00985	0.00049	0.020				7099793
234'-TriCB-(22)	ng/g	0.0128	0.00051	0.010				7099793
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.010				7099793
236-TriCB-(24)	ng/g	<0.00026	0.00026	0.010				7099793
23'4-TriCB-(25)	ng/g	0.00421	0.00048	0.010				7099793
TriCB-(26)+(29)	ng/g	0.0156	0.00051	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00310	0.00028	0.010				7099793
24'5-TriCB-(31)	ng/g	0.0800	0.00047	0.010				7099793
24'6-TriCB-(32)	ng/g	0.00311	0.00027	0.010				7099793
23'5'-TriCB-(34)	ng/g	0.00058	0.00051	0.010				7099793
33'4-TriCB-(35)	ng/g	<0.00052	0.00052	0.010				7099793
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.010				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.00907	0.00081	0.010				7099793
345-TriCB-(38)	ng/g	<0.00050	0.00050	0.010				7099793
34'5-TriCB-(39)	ng/g	0.00150	0.00047	0.010				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0504	0.00050	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0601	0.00063	0.010				7099793
22'35-TetraCB-(43)	ng/g	0.0161	0.00074	0.010				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.361	0.00047	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00454	0.00050	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00068	0.00057	0.010				7099793
22'45-TetraCB-(48)	ng/g	0.0292	0.00048	0.010				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.219	0.00044	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00414	0.00048	0.020				7099793
22'55'-TetraCB-(52)	ng/g	0.724	0.00047	0.010				7099793
22'66'-TetraCB-(54)	ng/g	<0.00049	0.00049	0.010				7099793
233'4-TetraCB-(55)	ng/g	<0.00052	0.00052	0.010				7099793
233'4'-Tetra CB(56)	ng/g	0.0577	0.00054	0.010				7099793
233'5-TetraCB-(57)	ng/g	0.00109	0.00052	0.010				7099793
233'5'-TetraCB-(58)	ng/g	<0.00050	0.00050	0.010				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0241	0.00037	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.0713	0.00053	0.010				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.738	0.00052	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0270	0.00050	0.010				7099793
234'6-TetraCB-(64)	ng/g	0.123	0.00039	0.010				7099793
23'44'-TetraCB-(66)	ng/g	0.357	0.00050	0.010				7099793
23'45-TetraCB-(67)	ng/g	0.00437	0.00046	0.010				7099793
23'45'-TetraCB-(68)	ng/g	0.0109	0.00047	0.010				7099793
23'55'-TetraCB-(72)	ng/g	0.0106	0.00050	0.010				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00034	0.00034	0.010				7099793
33'44'-TetraCB-(77)	ng/g	0.0325	0.00070	0.010	0.000100	0.00000325		7099793
33'45-TetraCB-(78)	ng/g	<0.00053	0.00053	0.010				7099793
33'45'-TetraCB(79)	ng/g	0.0123	0.00046	0.010				7099793
33'55'-TetraCB-(80)	ng/g	<0.00045	0.00045	0.010				7099793
344'5-TetraCB-(81)	ng/g	0.00131	0.00067	0.010	0.000300	0.000000393		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0597	0.00064	0.010				7099793
PentaCB-(83)+(99)	ng/g	1.43	0.00057	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.109	0.00062	0.010				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.301	0.00043	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.692	0.00049	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.116	0.00056	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.00060	0.00060	0.010				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.01	0.00048	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.372	0.00057	0.010				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0161	0.00056	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00207	0.00059	0.010				7099793
22'35'6-PentaCB-(95)	ng/g	0.638	0.00053	0.010				7099793
22'366'-PentaCB-(96)	ng/g	<0.00037 (1)	0.00037	0.010				7099793
22'45'6-PentaCB-(103)	ng/g	0.0101	0.00050	0.010				7099793
22'466'-PentaCB-(104)	ng/g	<0.00021	0.00021	0.010				7099793
233'44'-PentaCB-(105)	ng/g	0.763	0.0011	0.010	0.0000300	0.0000229		7099793
233'45-PentaCB-(106)	ng/g	<0.00091	0.00091	0.010				7099793
233'4'5-PentaCB-(107)	ng/g	0.170	0.00082	0.010				7099793
PentaCB-(108)+(124)	ng/g	0.0582	0.00090	0.020				7099793
PentaCB-(110)+(115)	ng/g	1.80	0.00049	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00354	0.00041	0.010				7099793
233'56-PentaCB-(112)	ng/g	<0.00040	0.00040	0.010				7099793
2344'5-PentaCB-(114)	ng/g	0.0481	0.0011	0.010	0.0000300	0.00000144		7099793
23'44'5-PentaCB-(118)	ng/g	2.22	0.0011	0.010	0.0000300	0.0000666		7099793
23'455'-PentaCB-(120)	ng/g	0.00282	0.00040	0.010				7099793
23'45'6-PentaCB-(121)	ng/g	0.00087	0.00041	0.010				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0188	0.00098	0.010				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0261	0.0012	0.010	0.0000300	0.000000783		7099793
33'44'5-PentaCB-(126)	ng/g	0.0037	0.0010	0.010	0.100	0.000370		7099793
33'455'-PentaCB-(127)	ng/g	0.00507	0.00089	0.010				7099793
HexaCB-(128)+(166)	ng/g	0.396	0.0029	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	3.50	0.0032	0.030				7099793

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.166	0.0037	0.010				7099793
22'33'46-HexaCB-(131)	ng/g	0.0136	0.0037	0.010				7099793
22'33'46'-HexaCB-(132)	ng/g	0.281	0.0034	0.010				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0537	0.0033	0.010				7099793
HexaCB-(134)+(143)	ng/g	0.0514	0.0035	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.584	0.00043	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0590	0.00032	0.010				7099793
22'344'5-HexaCB-(137)	ng/g	0.132	0.0039	0.010				7099793
HexaCB-(139)+(140)	ng/g	0.0293	0.0030	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.189	0.0032	0.010				7099793
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010				7099793
22'345'6-HexaCB-(144)	ng/g	0.0549	0.00043	0.010				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00032	0.00032	0.010				7099793
22'34'55'-HexaCB-(146)	ng/g	0.511	0.0029	0.010				7099793
HexaCB-(147)+(149)	ng/g	1.40	0.0029	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00319	0.00044	0.010				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00169	0.00030	0.010				7099793
22'3566'-HexaCB-(152)	ng/g	<0.00032	0.00032	0.010				7099793
HexaCB-(153)+(168)	ng/g	2.94	0.0025	0.010				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0276	0.00037	0.010				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00645	0.00035	0.010				7099793
HexaCB-(156)+(157)	ng/g	0.278	0.0010	0.020	0.0000300	0.00000834		7099793
233'44'6-HexaCB-(158)	ng/g	0.206	0.0022	0.010				7099793
233'455'-HexaCB-(159)	ng/g	0.00517	0.00083	0.010				7099793
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.010				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0023	0.0023	0.010				7099793
233'4'55'-HexaCB-(162)	ng/g	0.00872	0.00080	0.010				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0758	0.0021	0.010				7099793
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.010				7099793
23'44'55'-HexaCB-(167)	ng/g	0.118	0.00097	0.010	0.0000300	0.00000354		7099793
33'44'55'-HexaCB-(169)	ng/g	0.0023	0.0010	0.010	0.0300	0.0000690		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.155	0.00084	0.010				7099793
HeptaCB-(171)+(173)	ng/g	0.0806	0.0010	0.020				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0324	0.0010	0.010				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.0936	0.00089	0.010				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0114	0.00045	0.010				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0185	0.00033	0.010				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.202	0.00099	0.010				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.109	0.00047	0.010				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.102	0.00032	0.010				7099793
HeptaCB-(180)+(193)	ng/g	0.503	0.00078	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	<0.0024 (1)	0.0024	0.010				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00184	0.00043	0.010				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.185	0.00072	0.010				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00785	0.00031	0.010				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.010				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00034	0.00034	0.010				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.630	0.00041	0.010				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00143	0.00043	0.010				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0115	0.0010	0.010	0.0000300	0.000000345		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0483	0.00082	0.010				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.00940	0.00075	0.010				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00080	0.00080	0.010				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0357	0.00093	0.010				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0123	0.00095	0.010				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0236	0.00057	0.010				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00796	0.00045	0.010				7099793
OctaCB-(198)+(199)	ng/g	0.0584	0.00055	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00264	0.00033	0.010				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0155	0.00038	0.010				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0342	0.00043	0.010				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0404	0.00050	0.010				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00039	0.00039	0.010				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.00312	0.00085	0.010				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0093	0.0019	0.010				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0015	0.0015	0.010				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.0037	0.0019	0.010				7099793
DecaCB-(209)	ng/g	<0.0044 (1)	0.0044	0.010				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000547		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	90						7099793
C13-22'33'44'5-HeptaCB-(170)	%	139						7099793
C13-22'33'455'66'-NonaCB-(208)	%	105						7099793
C13-22'33'55'66'-OctaCB-(202)	%	139						7099793
C13-22'33'55'6-HeptaCB-(178)	%	84						7099793
C13-22'344'55'-HeptaCB-(180)	%	150 (2)						7099793
C13-22'34'566'-HeptaCB-(188)	%	82						7099793
C13-22'44'66'-HexaCB-(155)	%	82						7099793
C13-22'466'-PentaCB-(104)	%	82						7099793
C13-22'66'-TetraCB-(54)	%	75						7099793
C13-22'6-TriCB-(19)	%	69						7099793
C13-22'-DiCB-(4)	%	65						7099793
C13-233'44'55'6-OctaCB-(205)	%	83						7099793
C13-233'44'55'-HeptaCB-(189)	%	111						7099793
C13-233'44'-PentaCB-(105)	%	99						7099793
C13-233'55'-PentaCB-(111)	%	87						7099793
C13-23'44'55'-HexaCB-(167)	%	96						7099793
C13-2344'5-PentaCB-(114)	%	97						7099793
C13-23'44'5-PentaCB-(118)	%	102						7099793
C13-2'344'5-PentaCB-(123)	%	98						7099793
C13-2-MonoCB-(1)	%	68						7099793
C13-33'44'55'-HexaCB-(169)	%	65						7099793
C13-33'44'5-PentaCB-(126)	%	93						7099793
C13-33'44'-TetraCB-(77)	%	95						7099793
C13-344'5-TetraCB-(81)	%	96						7099793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ640						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	93						7099793
C13-44'-DiCB-(15)	%	81						7099793
C13-4-MonoCB-(3)	%	71						7099793
C13-DecaCB-(209)	%	90						7099793
C13-HexaCB-(156)+(157)	%	93						7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00092	0.00038	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00068	0.00032	0.0099				7099793
4-MonoCB-(3)	ng/g	0.00114	0.00036	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00507	0.00040	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00046	0.00046	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0017 (1)	0.0017	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00046	0.00046	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00516	0.00041	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00042	0.00042	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00033	0.00033	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00457	0.00045	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.00043	0.00043	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00043	0.00043	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.00618	0.00070	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0257	0.0010	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0309	0.00059	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0676	0.00047	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00053	0.00053	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.230	0.00036	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0350	0.00036	0.020				7099793
234'-TriCB-(22)	ng/g	0.0328	0.00037	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00039	0.00039	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00037	0.00037	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00935	0.00035	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0323	0.00037	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00589	0.00038	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.182	0.00035	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.0132	0.00037	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00084	0.00037	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.00038	0.00038	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00032	0.00032	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0228	0.00060	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00036	0.00036	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00263	0.00035	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.112	0.00063	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.113	0.00080	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0256	0.00094	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.568	0.00059	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0114	0.00064	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00169	0.00073	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0704	0.00062	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.375	0.00056	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00849	0.00062	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.13	0.00060	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00034	0.00034	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00099	0.00099	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.123	0.0010	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.0015	0.0010	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00097	0.00097	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0383	0.00047	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.135	0.0010	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.21	0.0010	0.039				7099793
234'5-TetraCB-(63)	ng/g	0.0443	0.00096	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.211	0.00049	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.663	0.00096	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00807	0.00089	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0145	0.00090	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0150	0.00097	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00043	0.00043	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0555	0.0013	0.0099	0.000100	0.00000555		7099793
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0166	0.00088	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00086	0.00086	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0021	0.0013	0.0099	0.000300	0.000000630		7099793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0919	0.00076	0.0099				7099793
PentaCB-(83)+(99)	ng/g	2.06	0.00067	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.170	0.00073	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.422	0.00051	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.06	0.00058	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.167	0.00066	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.00071	0.00071	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.98	0.00057	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.583	0.00068	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0237	0.00066	0.039				7099793
22'356'-PentaCB-(94)	ng/g	0.00327	0.00069	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	0.936	0.00063	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00067	0.00039	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0155	0.00059	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00037	0.00037	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.26	0.0012	0.0099	0.0000300	0.0000378		7099793
233'45-PentaCB-(106)	ng/g	<0.0010	0.0010	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.246	0.00090	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0877	0.00099	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.51	0.00058	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00494	0.00048	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00048	0.00048	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0737	0.0012	0.0099	0.0000300	0.00000221		7099793
23'44'5-PentaCB-(118)	ng/g	3.52	0.0012	0.0099	0.0000300	0.000106		7099793
23'455'-PentaCB-(120)	ng/g	0.00448	0.00047	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00193	0.00048	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0265	0.0011	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0614	0.0013	0.0099	0.0000300	0.00000184		7099793
33'44'5-PentaCB-(126)	ng/g	0.0067	0.0011	0.0099	0.100	0.000670		7099793
33'455'-PentaCB-(127)	ng/g	0.00722	0.00098	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.668	0.0013	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.81	0.0014	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.289	0.0016	0.0099				7099793

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0234	0.0016	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.450	0.0015	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0938	0.0015	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0902	0.0016	0.020				7099793
HexaCB-(135)+(151)	ng/g	1.04	0.00079	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.103	0.00057	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.235	0.0017	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0504	0.0013	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.296	0.0014	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0985	0.00078	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00058	0.00058	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.897	0.0013	0.0099				7099793
HexaCB-(147)+(149)	ng/g	2.07	0.0013	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00599	0.00080	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00274	0.00055	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00089	0.00057	0.0099				7099793
HexaCB-(153)+(168)	ng/g	4.84	0.0011	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0521	0.00067	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0103	0.00063	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.435	0.0013	0.020	0.0000300	0.0000131		7099793
233'44'6-HexaCB-(158)	ng/g	0.374	0.00097	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0067	0.0011	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0165	0.0010	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0997	0.00095	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0041	0.0011	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.190	0.0012	0.0099	0.0000300	0.00000570		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.221	0.0014	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.147	0.0017	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0471	0.0018	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.128	0.0015	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0216	0.00082	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0341	0.00060	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.353	0.0017	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.205	0.00085	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.195	0.00059	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.809	0.0013	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0041	0.0016	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00386	0.00079	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.336	0.0012	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0157	0.00056	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0020	0.0020	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00061	0.00061	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	1.16	0.00076	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00226	0.00079	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0172	0.0019	0.0099	0.0000300	0.000000516		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0715	0.0014	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0150	0.0013	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0492	0.0024	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0173	0.0024	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0356	0.0015	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0137	0.0012	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0818	0.0015	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00436	0.00088	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0287	0.0010	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0594	0.0011	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0582	0.0013	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.0010	0.0010	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0142	0.0021	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.0031	0.0017	0.0099				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.0045	0.0022	0.0099				7099793

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	0.0065	0.0043	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000882		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	78						7099793
C13-22'33'44'5-HeptaCB-(170)	%	131						7099793
C13-22'33'455'66'-NonaCB-(208)	%	96						7099793
C13-22'33'55'66'-OctaCB-(202)	%	148 (1)						7099793
C13-22'33'55'6-HeptaCB-(178)	%	88						7099793
C13-22'344'55'-HeptaCB-(180)	%	143 (1)						7099793
C13-22'34'566'-HeptaCB-(188)	%	75						7099793
C13-22'44'66'-HexaCB-(155)	%	75						7099793
C13-22'466'-PentaCB-(104)	%	76						7099793
C13-22'66'-TetraCB-(54)	%	71						7099793
C13-22'6-TriCB-(19)	%	61						7099793
C13-22'-DiCB-(4)	%	58						7099793
C13-233'44'55'6-OctaCB-(205)	%	69						7099793
C13-233'44'55'-HeptaCB-(189)	%	101						7099793
C13-233'44'-PentaCB-(105)	%	83						7099793
C13-233'55'-PentaCB-(111)	%	91						7099793
C13-23'44'55'-HexaCB-(167)	%	80						7099793
C13-2344'5-PentaCB-(114)	%	84						7099793
C13-23'44'5-PentaCB-(118)	%	88						7099793
C13-2'344'5-PentaCB-(123)	%	88						7099793
C13-2-MonoCB-(1)	%	60						7099793
C13-33'44'55'-HexaCB-(169)	%	49						7099793
C13-33'44'5-PentaCB-(126)	%	77						7099793
C13-33'44'-TetraCB-(77)	%	85						7099793
C13-344'5-TetraCB-(81)	%	86						7099793
C13-344'-TriCB-(37)	%	87						7099793
C13-44'-DiCB-(15)	%	73						7099793
C13-4-MonoCB-(3)	%	66						7099793

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QC Batch = Quality Control Batch
(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ642						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	76						7099793
C13-HexaCB-(156)+(157)	%	79						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00072	0.00033	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00043	0.00028	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00053 (1)	0.00053	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00398	0.00046	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00039	0.00039	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0014 (1)	0.0014	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00039	0.00039	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00387	0.00035	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00036	0.00036	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00038	0.00038	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00386	0.00038	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.00063 (1)	0.00063	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00037	0.00037	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.0154	0.00060	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0138	0.0011	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0101	0.00067	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0683	0.00053	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00060	0.00060	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.305	0.00051	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0153	0.00051	0.020				7099793
234'-TriCB-(22)	ng/g	0.0394	0.00053	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00055	0.00055	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00041	0.00041	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.0101	0.00050	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0259	0.00053	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00746	0.00043	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.268	0.00049	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00675	0.00042	0.0099				7099793
23'5'-TriCB-(34)	ng/g	<0.00053	0.00053	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.00054	0.00054	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00046	0.00046	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0545	0.00085	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00052	0.00052	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00199	0.00049	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0958	0.00048	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.124	0.00060	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0289	0.00071	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.634	0.00045	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00648	0.00048	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00203	0.00055	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0368	0.00046	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.326	0.00043	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0109	0.00046	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.25	0.00046	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00048	0.00048	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00098	0.00098	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.130	0.0010	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.00116	0.00099	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00095	0.00095	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0389	0.00035	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.188	0.0010	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.60	0.00098	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0521	0.00094	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.229	0.00037	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.947	0.00095	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00809	0.00088	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0151	0.00088	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0167	0.00095	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00032	0.00032	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0877	0.0013	0.0099	0.000100	0.00000877		7099793
33'45-TetraCB-(78)	ng/g	<0.0010	0.0010	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0265	0.00087	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	0.00169	0.00085	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0027	0.0013	0.0099	0.000300	0.000000810		7099793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.105	0.00085	0.0099				7099793
PentaCB-(83)+(99)	ng/g	2.02	0.00075	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.223	0.00082	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.423	0.00057	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.10	0.00064	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.161	0.00074	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.00085 (1)	0.00085	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.95	0.00064	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.593	0.00076	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0247	0.00074	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00438	0.00078	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	1.08	0.00070	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00054	0.00039	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0131	0.00066	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00036	0.00036	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.46	0.0011	0.0099	0.0000300	0.0000438		7099793
233'45-PentaCB-(106)	ng/g	<0.00090	0.00090	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.285	0.00081	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.103	0.00089	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.95	0.00064	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00427	0.00054	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00053	0.00053	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0859	0.0011	0.0099	0.0000300	0.00000258		7099793
23'44'5-PentaCB-(118)	ng/g	3.80	0.0011	0.0099	0.0000300	0.000114		7099793
23'455'-PentaCB-(120)	ng/g	0.00463	0.00053	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00091	0.00054	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0320	0.00097	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0452	0.0012	0.0099	0.0000300	0.00000136		7099793
33'44'5-PentaCB-(126)	ng/g	0.0054	0.0010	0.0099	0.100	0.000540		7099793
33'455'-PentaCB-(127)	ng/g	0.00799	0.00089	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.711	0.0015	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.92	0.0016	0.030				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.294	0.0019	0.0099				7099793
22'33'46-HexaCB-(131)	ng/g	0.0272	0.0019	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.469	0.0018	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0827	0.0017	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.106	0.0018	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.995	0.00077	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.112	0.00057	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.204	0.0020	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0381	0.0015	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.259	0.0016	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0018	0.0018	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0911	0.00077	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00057	0.00057	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.826	0.0015	0.0099				7099793
HexaCB-(147)+(149)	ng/g	2.20	0.0015	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00448	0.00078	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00240	0.00054	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00111	0.00056	0.0099				7099793
HexaCB-(153)+(168)	ng/g	4.60	0.0013	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0365	0.00066	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00648	0.00062	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.487	0.0013	0.020	0.0000300	0.0000146		7099793
233'44'6-HexaCB-(158)	ng/g	0.359	0.0011	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0060	0.0010	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0169	0.00098	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.130	0.0011	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0031	0.0013	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.204	0.0012	0.0099	0.0000300	0.00000612		7099793
33'44'55'-HexaCB-(169)	ng/g	0.0031	0.0013	0.0099	0.0300	0.0000930		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.205	0.00082	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.150	0.00098	0.020				7099793

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0416	0.0010	0.0099				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.108	0.00087	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0204	0.00060	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0361	0.00044	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.352	0.00097	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.174	0.00062	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.190	0.00043	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.726	0.00076	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00368	0.00092	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.00058	0.00058	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.307	0.00070	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0114	0.00041	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00045	0.00045	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	1.01	0.00055	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00186	0.00058	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0183	0.0021	0.0099	0.0000300	0.000000549		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0785	0.00080	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0145	0.00074	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00078	0.00078	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0471	0.0016	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0164	0.0016	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0283	0.0013	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0161	0.0010	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0561	0.0012	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00235	0.00075	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0280	0.00085	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0549	0.00095	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0516	0.0011	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00087	0.00087	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0043	0.0014	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0090 (1)	0.0090	0.0099				7099793

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QC Batch = Quality Control Batch

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0099				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.0031	0.0024	0.0099				7099793
DecaCB-(209)	ng/g	<0.0032 (1)	0.0032	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000826		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	88						7099793
C13-22'33'44'5-HeptaCB-(170)	%	144 (2)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	92						7099793
C13-22'33'55'66'-OctaCB-(202)	%	141 (3)						7099793
C13-22'33'55'6-HeptaCB-(178)	%	83						7099793
C13-22'344'55'-HeptaCB-(180)	%	154 (3)						7099793
C13-22'34'566'-HeptaCB-(188)	%	80						7099793
C13-22'44'66'-HexaCB-(155)	%	75						7099793
C13-22'466'-PentaCB-(104)	%	77						7099793
C13-22'66'-TetraCB-(54)	%	72						7099793
C13-22'6-TriCB-(19)	%	66						7099793
C13-22'-DiCB-(4)	%	61						7099793
C13-233'44'55'6-OctaCB-(205)	%	78						7099793
C13-233'44'55'-HeptaCB-(189)	%	115						7099793
C13-233'44'-PentaCB-(105)	%	99						7099793
C13-233'55'-PentaCB-(111)	%	86						7099793
C13-23'44'55'-HexaCB-(167)	%	94						7099793
C13-2344'5-PentaCB-(114)	%	98						7099793
C13-23'44'5-PentaCB-(118)	%	102						7099793
C13-2'344'5-PentaCB-(123)	%	96						7099793
C13-2-MonoCB-(1)	%	64						7099793
C13-33'44'55'-HexaCB-(169)	%	61						7099793
C13-33'44'5-PentaCB-(126)	%	95						7099793
C13-33'44'-TetraCB-(77)	%	95						7099793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(3) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ652						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	96						7099793
C13-344'-TriCB-(37)	%	92						7099793
C13-44'-DiCB-(15)	%	79						7099793
C13-4-MonoCB-(3)	%	68						7099793
C13-DecaCB-(209)	%	89						7099793
C13-HexaCB-(156)+(157)	%	93						7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00100	0.00038	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00058	0.00032	0.0099				7099793
4-MonoCB-(3)	ng/g	0.00078	0.00037	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00579	0.00045	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00046	0.00046	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0031 (1)	0.0031	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00046	0.00046	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00734	0.00041	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00042	0.00042	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00037	0.00037	0.0099				7099793
3,3'-DiCB-(11)	ng/g	<0.0052 (1)	0.0052	0.0099				7099793
DiCB-(12)+(13)	ng/g	0.00095	0.00043	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00043	0.00043	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.0101	0.00071	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0289	0.00082	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0167	0.00049	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0711	0.00038	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00044	0.00044	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.476	0.00044	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0378	0.00044	0.020				7099793
234'-TriCB-(22)	ng/g	0.0499	0.00045	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00047	0.00047	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00030	0.00030	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00844	0.00043	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0314	0.00045	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00699	0.00032	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.323	0.00042	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.0106	0.00031	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00111	0.00045	0.0099				7099793
33'4-TriCB-(35)	ng/g	0.00085	0.00047	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00039	0.00039	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0495	0.00073	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00044	0.00044	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00455	0.00042	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.150	0.00038	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.112	0.00048	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0335	0.00056	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.832	0.00036	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0110	0.00038	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00215	0.00044	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0846	0.00037	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.382	0.00034	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00858	0.00037	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.58	0.00036	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00033	0.00033	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.178	0.0012	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.0016	0.0012	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.0011	0.0011	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0527	0.00028	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.297	0.0012	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	2.63	0.0012	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0953	0.0011	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.326	0.00030	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	1.68	0.0011	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.0083	0.0010	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0207	0.0010	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0237	0.0011	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00026	0.00026	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.113	0.0016	0.0099	0.000100	0.0000113		7099793
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0475	0.0010	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0042	0.0015	0.0099	0.000300	0.00000126		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.106	0.00046	0.0099				7099793
PentaCB-(83)+(99)	ng/g	3.45	0.00041	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.322	0.00044	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.708	0.00031	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.72	0.00035	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.305	0.00040	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.00191	0.00043	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	5.27	0.00034	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.794	0.00041	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0477	0.00040	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00437	0.00042	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	1.28	0.00038	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00056	0.00037	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0258	0.00035	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00035	0.00035	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	2.08	0.0018	0.0099	0.0000300	0.0000624		7099793
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.438	0.0013	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.163	0.0015	0.020				7099793
PentaCB-(110)+(115)	ng/g	4.32	0.00035	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00639	0.00029	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00029	0.00029	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.135	0.0017	0.0099	0.0000300	0.00000405		7099793
23'44'5-PentaCB-(118)	ng/g	5.88	0.0017	0.0099	0.0000300	0.000176		7099793
23'455'-PentaCB-(120)	ng/g	0.00394	0.00029	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00171	0.00029	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0476	0.0016	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0684	0.0019	0.0099	0.0000300	0.00000205		7099793
33'44'5-PentaCB-(126)	ng/g	0.0089	0.0016	0.0099	0.100	0.000890		7099793
33'455'-PentaCB-(127)	ng/g	0.0085	0.0014	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.849	0.0037	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	6.95	0.0041	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.333	0.0048	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0418	0.0048	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.656	0.0045	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.110	0.0043	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.131	0.0046	0.020				7099793
HexaCB-(135)+(151)	ng/g	1.22	0.00058	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.166	0.00042	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.277	0.0051	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0653	0.0039	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.470	0.0041	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0047	0.0047	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.122	0.00058	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00043	0.00043	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	1.02	0.0037	0.0099				7099793
HexaCB-(147)+(149)	ng/g	3.17	0.0038	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00537	0.00059	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00432	0.00040	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00141	0.00042	0.0099				7099793
HexaCB-(153)+(168)	ng/g	5.26	0.0032	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0625	0.00050	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0112	0.00046	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.640	0.0010	0.020	0.0000300	0.0000192		7099793
233'44'6-HexaCB-(158)	ng/g	0.448	0.0029	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0100	0.00084	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0225	0.00080	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.190	0.0028	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0039	0.0033	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.267	0.00097	0.0099	0.0000300	0.00000801		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.0099	0.0300	0.0000300		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.290	0.00088	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.179	0.0010	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0675	0.0011	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.195	0.00093	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0212	0.00053	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0444	0.00039	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.391	0.0010	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.201	0.00055	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.227	0.00038	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.988	0.00081	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00558	0.00098	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00415	0.00051	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.332	0.00075	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0118	0.00036	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00040	0.00040	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	1.17	0.00049	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00258	0.00051	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0209	0.00079	0.0099	0.0000300	0.000000627		7099793
233'44'56-HeptaCB-(190)	ng/g	0.101	0.00086	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0194	0.00079	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00083	0.00083	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0819	0.0016	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0215	0.0016	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0486	0.0010	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0160	0.00080	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0831	0.00098	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00427	0.00059	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0293	0.00067	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0681	0.00076	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0705	0.00089	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00069	0.00069	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0042	0.0014	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0157	0.0012	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00288	0.00096	0.0099				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.0054	0.0012	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0061 (1)	0.0061	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.00120		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	93						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	86						7099793
C13-22'33'44'5-HeptaCB-(170)	%	110						7099793
C13-22'33'455'66'-NonaCB-(208)	%	93						7099793
C13-22'33'55'66'-OctaCB-(202)	%	104						7099793
C13-22'33'55'6-HeptaCB-(178)	%	82						7099793
C13-22'344'55'-HeptaCB-(180)	%	115						7099793
C13-22'34'566'-HeptaCB-(188)	%	77						7099793
C13-22'44'66'-HexaCB-(155)	%	72						7099793
C13-22'466'-PentaCB-(104)	%	74						7099793
C13-22'66'-TetraCB-(54)	%	67						7099793
C13-22'6-TriCB-(19)	%	62						7099793
C13-22'-DiCB-(4)	%	57						7099793
C13-233'44'55'6-OctaCB-(205)	%	80						7099793
C13-233'44'55'-HeptaCB-(189)	%	110						7099793
C13-233'44'-PentaCB-(105)	%	100						7099793
C13-233'55'-PentaCB-(111)	%	86						7099793
C13-23'44'55'-HexaCB-(167)	%	98						7099793
C13-2344'5-PentaCB-(114)	%	99						7099793
C13-23'44'5-PentaCB-(118)	%	103						7099793
C13-2'344'5-PentaCB-(123)	%	100						7099793
C13-2-MonoCB-(1)	%	62						7099793
C13-33'44'55'-HexaCB-(169)	%	70						7099793
C13-33'44'5-PentaCB-(126)	%	98						7099793
C13-33'44'-TetraCB-(77)	%	96						7099793
C13-344'5-TetraCB-(81)	%	98						7099793
C13-344'-TriCB-(37)	%	94						7099793
C13-44'-DiCB-(15)	%	77						7099793
C13-4-MonoCB-(3)	%	65						7099793

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QC Batch = Quality Control Batch
(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ667						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	83						7099793
C13-HexaCB-(156)+(157)	%	98						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00078	0.00032	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00057	0.00027	0.0099				7099793
4-MonoCB-(3)	ng/g	0.00075	0.00030	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00412	0.00037	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00025	0.00025	0.0099				7099793
2,3'-DiCB-(6)	ng/g	0.00191	0.00023	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00025	0.00025	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00556	0.00022	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00023	0.00023	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00031	0.00031	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00717	0.00024	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.00074 (1)	0.00074	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00023	0.00023	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.00579	0.00038	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0225	0.00088	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0157	0.00052	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0608	0.00041	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00047	0.00047	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.263	0.00059	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0275	0.00060	0.020				7099793
234'-TriCB-(22)	ng/g	0.0389	0.00061	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00064	0.00064	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00032	0.00032	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00989	0.00058	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0293	0.00061	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00472	0.00034	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.201	0.00057	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00713	0.00033	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00106	0.00061	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.00063	0.00063	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00053	0.00053	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0203	0.00098	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00060	0.00060	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00193	0.00057	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0651	0.00043	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0691	0.00054	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0134	0.00064	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.367	0.00040	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00714	0.00043	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00171	0.00049	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0215	0.00042	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.215	0.00038	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00787	0.00042	0.020				7099793
22'55'-TetraCB-(52)	ng/g	0.707	0.00041	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00030	0.00030	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00072	0.00072	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.0768	0.00076	0.0099				7099793
233'5-TetraCB-(57)	ng/g	<0.00073	0.00073	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00070	0.00070	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0248	0.00032	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.107	0.00074	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.955	0.00072	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0302	0.00069	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.131	0.00034	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.532	0.00070	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00529	0.00065	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0134	0.00065	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0111	0.00070	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	0.00096	0.00029	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0410	0.00097	0.0099	0.000100	0.00000410		7099793
33'45-TetraCB-(78)	ng/g	<0.00074	0.00074	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0145	0.00064	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00063	0.00063	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.00130	0.00094	0.0099	0.000300	0.000000390		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0612	0.0012	0.0099				7099793
PentaCB-(83)+(99)	ng/g	1.31	0.0010	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.113	0.0011	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.246	0.00078	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.658	0.00088	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.102	0.0010	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.0013	0.0011	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	1.77	0.00087	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.329	0.0010	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0175	0.0010	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.0021	0.0011	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	0.663	0.00096	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00047	0.00027	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.00824	0.00090	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00025	0.00025	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	0.792	0.00079	0.0099	0.0000300	0.0000238		7099793
233'45-PentaCB-(106)	ng/g	<0.00066	0.00066	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.165	0.00059	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0524	0.00065	0.020				7099793
PentaCB-(110)+(115)	ng/g	1.53	0.00089	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00306	0.00074	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00073	0.00073	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0475	0.00078	0.0099	0.0000300	0.00000143		7099793
23'44'5-PentaCB-(118)	ng/g	2.20	0.00077	0.0099	0.0000300	0.0000660		7099793
23'455'-PentaCB-(120)	ng/g	0.00449	0.00073	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00180	0.00074	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0161	0.00071	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0242	0.00085	0.0099	0.0000300	0.000000726		7099793
33'44'5-PentaCB-(126)	ng/g	0.00323	0.00074	0.0099	0.100	0.000323		7099793
33'455'-PentaCB-(127)	ng/g	0.00389	0.00065	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.371	0.00064	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	3.12	0.00071	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.144	0.00083	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0136	0.00083	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.264	0.00077	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0487	0.00074	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0493	0.00079	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.526	0.00042	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0681	0.00031	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.114	0.00087	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0251	0.00066	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.146	0.00071	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.00080	0.00080	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0479	0.00042	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00031	0.00031	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.458	0.00064	0.0099				7099793
HexaCB-(147)+(149)	ng/g	1.19	0.00066	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00357	0.00042	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00159	0.00029	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00057	0.00030	0.0099				7099793
HexaCB-(153)+(168)	ng/g	2.68	0.00056	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0276	0.00036	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00601	0.00033	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.250	0.00072	0.020	0.0000300	0.00000750		7099793
233'44'6-HexaCB-(158)	ng/g	0.190	0.00049	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.00430	0.00058	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.00055	0.00055	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.00053	0.00053	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.00988	0.00056	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0653	0.00048	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.00256	0.00057	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.105	0.00068	0.0099	0.0000300	0.00000315		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.00072	0.00072	0.0099	0.0300	0.0000216		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.137	0.00092	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.0793	0.0011	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0265	0.0011	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0721	0.00098	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0108	0.00054	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0186	0.00040	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.174	0.0011	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.0970	0.00057	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.0973	0.00039	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.439	0.00085	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0020	0.0010	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.00052	0.00052	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.167	0.00079	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00698	0.00037	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0013	0.0013	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00041	0.00041	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.561	0.00050	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00162	0.00052	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.00976	0.00070	0.0099	0.0000300	0.000000293		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0411	0.00090	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.00864	0.00083	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00088	0.00088	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0341	0.00076	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0119	0.00078	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0201	0.00083	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00721	0.00066	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0480	0.00081	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	<0.0021 (1)	0.0021	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0137	0.00055	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0320	0.00062	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0346	0.00073	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00057	0.00057	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.00240	0.00070	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.00895	0.00075	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00221	0.00061	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029 (1)	0.0029	0.0099				7099793
DecaCB-(209)	ng/g	<0.0052 (2)	0.0052	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000452		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	102						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	100						7099793
C13-22'33'44'5-HeptaCB-(170)	%	144 (3)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	109						7099793
C13-22'33'55'66'-OctaCB-(202)	%	135						7099793
C13-22'33'55'6-HeptaCB-(178)	%	86						7099793
C13-22'344'55'-HeptaCB-(180)	%	150 (3)						7099793
C13-22'34'566'-HeptaCB-(188)	%	89						7099793
C13-22'44'66'-HexaCB-(155)	%	88						7099793
C13-22'466'-PentaCB-(104)	%	86						7099793
C13-22'66'-TetraCB-(54)	%	82						7099793
C13-22'6-TriCB-(19)	%	9.0 (4)						7099793
C13-22'-DiCB-(4)	%	67						7099793
C13-233'44'55'6-OctaCB-(205)	%	92						7099793
C13-233'44'55'-HeptaCB-(189)	%	131						7099793
C13-233'44'-PentaCB-(105)	%	118						7099793
C13-233'55'-PentaCB-(111)	%	91						7099793
C13-23'44'55'-HexaCB-(167)	%	113						7099793
C13-2344'5-PentaCB-(114)	%	115						7099793
C13-23'44'5-PentaCB-(118)	%	119						7099793
C13-2'344'5-PentaCB-(123)	%	117						7099793
C13-2-MonoCB-(1)	%	68						7099793
C13-33'44'55'-HexaCB-(169)	%	82						7099793
C13-33'44'5-PentaCB-(126)	%	114						7099793
C13-33'44'-TetraCB-(77)	%	113						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(3) Recovery outside method acceptance criteria due to matrix effects

(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	116						7099793
C13-344'-TriCB-(37)	%	113						7099793
C13-44'-DiCB-(15)	%	90						7099793
C13-4-MonoCB-(3)	%	74						7099793
C13-DecaCB-(209)	%	99						7099793
C13-HexaCB-(156)+(157)	%	112						7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00101	0.00046	0.010				7099793
3-MonoCB-(2)	ng/g	<0.00044 (1)	0.00044	0.010				7099793
4-MonoCB-(3)	ng/g	0.00056	0.00044	0.010				7099793
22'-DiCB-(4)	ng/g	0.00749	0.00039	0.010				7099793
2,3-DiCB-(5)	ng/g	<0.00054	0.00054	0.010				7099793
2,3'-DiCB-(6)	ng/g	<0.0035 (1)	0.0035	0.010				7099793
2,4-DiCB-(7)	ng/g	<0.00054	0.00054	0.010				7099793
2,4'-DiCB-(8)	ng/g	0.0105	0.00048	0.010				7099793
2,5-DiCB-(9)	ng/g	<0.00050	0.00050	0.010				7099793
2,6-DiCB-(10)	ng/g	<0.00032	0.00032	0.010				7099793
3,3'-DiCB-(11)	ng/g	0.00636	0.00053	0.010				7099793
DiCB-(12)+(13)	ng/g	0.00113	0.00051	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00051	0.00051	0.010				7099793
4,4'-DiCB-(15)	ng/g	0.00811	0.00083	0.010				7099793
22'3-TriCB-(16)	ng/g	0.0370	0.00061	0.010				7099793
22'4-TriCB-(17)	ng/g	0.0235	0.00036	0.010				7099793
TriCB-(18)+(30)	ng/g	0.0945	0.00028	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00032	0.00032	0.010				7099793
TriCB-(20) + (28)	ng/g	0.340	0.00054	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0412	0.00054	0.020				7099793
234'-TriCB-(22)	ng/g	0.0524	0.00055	0.010				7099793
235-TriCB-(23)	ng/g	<0.00057	0.00057	0.010				7099793
236-TriCB-(24)	ng/g	<0.00022	0.00022	0.010				7099793
23'4-TriCB-(25)	ng/g	0.0147	0.00052	0.010				7099793
TriCB-(26)+(29)	ng/g	0.0449	0.00055	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00899	0.00023	0.010				7099793
24'5-TriCB-(31)	ng/g	0.284	0.00051	0.010				7099793
24'6-TriCB-(32)	ng/g	0.0129	0.00023	0.010				7099793
23'5'-TriCB-(34)	ng/g	0.00131	0.00055	0.010				7099793
33'4-TriCB-(35)	ng/g	0.00077	0.00057	0.010				7099793
33'5-TriCB-(36)	ng/g	<0.00048	0.00048	0.010				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0312	0.00089	0.010				7099793
345-TriCB-(38)	ng/g	<0.00054	0.00054	0.010				7099793
34'5-TriCB-(39)	ng/g	0.00311	0.00052	0.010				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.165	0.00035	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.165	0.00045	0.010				7099793
22'35-TetraCB-(43)	ng/g	0.0288	0.00053	0.010				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.839	0.00033	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0181	0.00036	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00365	0.00041	0.010				7099793
22'45-TetraCB-(48)	ng/g	0.0583	0.00035	0.010				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.593	0.00032	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0180	0.00035	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.63	0.00034	0.010				7099793
22'66'-TetraCB-(54)	ng/g	<0.00034	0.00034	0.010				7099793
233'4-TetraCB-(55)	ng/g	<0.00082	0.00082	0.010				7099793
233'4'-Tetra CB(56)	ng/g	0.164	0.00087	0.010				7099793
233'5-TetraCB-(57)	ng/g	0.00374	0.00083	0.010				7099793
233'5'-TetraCB-(58)	ng/g	<0.00080	0.00080	0.010				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0562	0.00026	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.197	0.00084	0.010				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.78	0.00082	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0604	0.00079	0.010				7099793
234'6-TetraCB-(64)	ng/g	0.326	0.00028	0.010				7099793
23'44'-TetraCB-(66)	ng/g	1.00	0.00080	0.010				7099793
23'45-TetraCB-(67)	ng/g	0.0114	0.00074	0.010				7099793
23'45'-TetraCB-(68)	ng/g	0.0226	0.00074	0.010				7099793
23'55'-TetraCB-(72)	ng/g	0.0232	0.00080	0.010				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00024	0.00024	0.010				7099793
33'44'-TetraCB-(77)	ng/g	0.0661	0.0011	0.010	0.000100	0.00000661		7099793
33'45-TetraCB-(78)	ng/g	<0.00084	0.00084	0.010				7099793
33'45'-TetraCB(79)	ng/g	0.0226	0.00073	0.010				7099793
33'55'-TetraCB-(80)	ng/g	<0.00072	0.00072	0.010				7099793
344'5-TetraCB-(81)	ng/g	0.0022	0.0011	0.010	0.000300	0.000000660		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.133	0.00062	0.010				7099793
PentaCB-(83)+(99)	ng/g	2.44	0.00055	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.250	0.00060	0.010				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.515	0.00042	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.47	0.00047	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.223	0.00054	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.00230	0.00059	0.010				7099793
PentaCB-(90)+(101)+(113)	ng/g	3.58	0.00047	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.653	0.00056	0.010				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0367	0.00055	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00494	0.00057	0.010				7099793
22'35'6-PentaCB-(95)	ng/g	1.40	0.00051	0.010				7099793
22'366'-PentaCB-(96)	ng/g	0.00129	0.00037	0.010				7099793
22'45'6-PentaCB-(103)	ng/g	0.0207	0.00048	0.010				7099793
22'466'-PentaCB-(104)	ng/g	<0.00035	0.00035	0.010				7099793
233'44'-PentaCB-(105)	ng/g	1.42	0.0014	0.010	0.0000300	0.0000426		7099793
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010				7099793
233'4'5-PentaCB-(107)	ng/g	0.293	0.0011	0.010				7099793
PentaCB-(108)+(124)	ng/g	0.0962	0.0012	0.020				7099793
PentaCB-(110)+(115)	ng/g	3.27	0.00047	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00569	0.00040	0.010				7099793
233'56-PentaCB-(112)	ng/g	<0.00039	0.00039	0.010				7099793
2344'5-PentaCB-(114)	ng/g	0.0852	0.0014	0.010	0.0000300	0.00000256		7099793
23'44'5-PentaCB-(118)	ng/g	3.91	0.0014	0.010	0.0000300	0.000117		7099793
23'455'-PentaCB-(120)	ng/g	0.00667	0.00039	0.010				7099793
23'45'6-PentaCB-(121)	ng/g	0.00246	0.00039	0.010				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0277	0.0013	0.010				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0444	0.0015	0.010	0.0000300	0.00000133		7099793
33'44'5-PentaCB-(126)	ng/g	0.0073	0.0013	0.010	0.100	0.000730		7099793
33'455'-PentaCB-(127)	ng/g	0.0071	0.0012	0.010				7099793
HexaCB-(128)+(166)	ng/g	0.629	0.0011	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.24	0.0012	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.260	0.0014	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0253	0.0014	0.010				7099793
22'33'46'-HexaCB-(132)	ng/g	0.494	0.0013	0.010				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0822	0.0013	0.010				7099793
HexaCB-(134)+(143)	ng/g	0.0947	0.0014	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.931	0.00044	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.123	0.00032	0.010				7099793
22'344'5-HexaCB-(137)	ng/g	0.212	0.0015	0.010				7099793
HexaCB-(139)+(140)	ng/g	0.0443	0.0011	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.312	0.0012	0.010				7099793
22'3456-HexaCB-(142)	ng/g	<0.0014	0.0014	0.010				7099793
22'345'6-HexaCB-(144)	ng/g	0.103	0.00044	0.010				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00032	0.00032	0.010				7099793
22'34'55'-HexaCB-(146)	ng/g	0.763	0.0011	0.010				7099793
HexaCB-(147)+(149)	ng/g	2.05	0.0011	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00643	0.00044	0.010				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00315	0.00031	0.010				7099793
22'3566'-HexaCB-(152)	ng/g	0.00107	0.00032	0.010				7099793
HexaCB-(153)+(168)	ng/g	4.47	0.00095	0.010				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0505	0.00037	0.010				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00979	0.00035	0.010				7099793
HexaCB-(156)+(157)	ng/g	0.429	0.0013	0.020	0.0000300	0.0000129		7099793
233'44'6-HexaCB-(158)	ng/g	0.348	0.00084	0.010				7099793
233'455'-HexaCB-(159)	ng/g	0.0074	0.0010	0.010				7099793
233'456-HexaCB-(160)	ng/g	<0.00093	0.00093	0.010				7099793
233'45'6-HexaCB-(161)	ng/g	<0.00089	0.00089	0.010				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0166	0.00097	0.010				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.131	0.00082	0.010				7099793
233'55'6-HexaCB-(165)	ng/g	0.00335	0.00097	0.010				7099793
23'44'55'-HexaCB-(167)	ng/g	0.173	0.0012	0.010	0.0000300	0.00000519		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.010	0.0300	0.0000360		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.251	0.00064	0.010				7099793
HeptaCB-(171)+(173)	ng/g	0.126	0.00076	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0487	0.00079	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.133	0.00068	0.010				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0182	0.00049	0.010				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0307	0.00036	0.010				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.285	0.00075	0.010				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.156	0.00051	0.010				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.159	0.00035	0.010				7099793
HeptaCB-(180)+(193)	ng/g	0.782	0.00059	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00407	0.00072	0.010				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.00047	0.00047	0.010				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.278	0.00055	0.010				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0105	0.00033	0.010				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.00091	0.00091	0.010				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00037	0.00037	0.010				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.883	0.00045	0.010				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00231	0.00047	0.010				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0154	0.0013	0.010	0.0000300	0.000000462		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0744	0.00062	0.010				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0148	0.00057	0.010				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00061	0.00061	0.010				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0662	0.0015	0.010				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0220	0.0015	0.010				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0376	0.00097	0.010				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0108	0.00077	0.010				7099793
OctaCB-(198)+(199)	ng/g	0.0884	0.00094	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00396	0.00057	0.010				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0217	0.00064	0.010				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0491	0.00072	0.010				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0645	0.00085	0.010				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00066	0.00066	0.010				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0050	0.0014	0.010				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0157	0.0012	0.010				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00313	0.00093	0.010				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.0055	0.0012	0.010				7099793

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0071 (1)	0.0071	0.010				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000955		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	94						7099793
C13-22'33'44'5-HeptaCB-(170)	%	136						7099793
C13-22'33'455'66'-NonaCB-(208)	%	101						7099793
C13-22'33'55'66'-OctaCB-(202)	%	126						7099793
C13-22'33'55'6-HeptaCB-(178)	%	86						7099793
C13-22'344'55'-HeptaCB-(180)	%	140						7099793
C13-22'34'566'-HeptaCB-(188)	%	88						7099793
C13-22'44'66'-HexaCB-(155)	%	85						7099793
C13-22'466'-PentaCB-(104)	%	86						7099793
C13-22'66'-TetraCB-(54)	%	81						7099793
C13-22'6-TriCB-(19)	%	73						7099793
C13-22'-DiCB-(4)	%	67						7099793
C13-233'44'55'6-OctaCB-(205)	%	89						7099793
C13-233'44'55'-HeptaCB-(189)	%	126						7099793
C13-233'44'-PentaCB-(105)	%	110						7099793
C13-233'55'-PentaCB-(111)	%	90						7099793
C13-23'44'55'-HexaCB-(167)	%	110						7099793
C13-2344'5-PentaCB-(114)	%	109						7099793
C13-23'44'5-PentaCB-(118)	%	113						7099793
C13-2'344'5-PentaCB-(123)	%	111						7099793
C13-2-MonoCB-(1)	%	68						7099793
C13-33'44'55'-HexaCB-(169)	%	80						7099793
C13-33'44'5-PentaCB-(126)	%	106						7099793
C13-33'44'-TetraCB-(77)	%	108						7099793
C13-344'5-TetraCB-(81)	%	111						7099793
C13-344'-TriCB-(37)	%	109						7099793
C13-44'-DiCB-(15)	%	89						7099793
C13-4-MonoCB-(3)	%	74						7099793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	95						7099793
C13-HexaCB-(156)+(157)	%	109						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00153	0.00032	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00071	0.00027	0.0099				7099793
4-MonoCB-(3)	ng/g	0.00089	0.00031	0.0099				7099793
22'-DiCB-(4)	ng/g	0.0112	0.00038	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00040	0.00040	0.0099				7099793
2,3'-DiCB-(6)	ng/g	0.00485	0.00037	0.0099				7099793
2,4-DiCB-(7)	ng/g	0.00082	0.00040	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.0180	0.00036	0.0099				7099793
2,5-DiCB-(9)	ng/g	0.00059	0.00037	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00031	0.00031	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00943	0.00039	0.0099				7099793
DiCB-(12)+(13)	ng/g	0.00155	0.00038	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00038	0.00038	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.00970	0.00062	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0613	0.00092	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0611	0.00055	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.150	0.00043	0.020				7099793
22'6-TriCB-(19)	ng/g	0.00176	0.00049	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.484	0.00062	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0742	0.00062	0.020				7099793
234'-TriCB-(22)	ng/g	0.0770	0.00064	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00066	0.00066	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00034	0.00034	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.0253	0.00060	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0647	0.00064	0.020				7099793
23'6-TriCB-(27)	ng/g	0.0119	0.00035	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.405	0.00059	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.0335	0.00034	0.0099				7099793
23'5'-TriCB-(34)	ng/g	<0.0021 (1)	0.0021	0.0099				7099793
33'4-TriCB-(35)	ng/g	0.00121	0.00066	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00055	0.00055	0.0099				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0312	0.0010	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00062	0.00062	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00519	0.00060	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.225	0.00062	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.205	0.00078	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0378	0.00092	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.917	0.00058	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0292	0.00062	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00660	0.00071	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0892	0.00060	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.613	0.00055	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0286	0.00060	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.75	0.00059	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00038	0.00038	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.210	0.0014	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.0023	0.0013	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0655	0.00045	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.206	0.0014	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.85	0.0013	0.039				7099793
234'5-TetraCB-(63)	ng/g	0.0615	0.0013	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.377	0.00048	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.973	0.0013	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.0121	0.0012	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0221	0.0012	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0223	0.0013	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00042	0.00042	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0741	0.0018	0.0099	0.000100	0.00000741		7099793
33'45-TetraCB-(78)	ng/g	<0.0014	0.0014	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0287	0.0012	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	0.0018	0.0012	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0023	0.0017	0.0099	0.000300	0.000000690		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.157	0.00063	0.0099				7099793
PentaCB-(83)+(99)	ng/g	2.57	0.00056	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.318	0.00061	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.552	0.00043	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.48	0.00048	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.297	0.00055	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.00450	0.00060	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	3.59	0.00048	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.676	0.00057	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0463	0.00056	0.039				7099793
22'356'-PentaCB-(94)	ng/g	0.00633	0.00058	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	1.54	0.00052	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	<0.0019 (1)	0.0019	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0207	0.00049	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00046	0.00046	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.40	0.0011	0.0099	0.0000300	0.0000420		7099793
233'45-PentaCB-(106)	ng/g	<0.00093	0.00093	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.286	0.00083	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0956	0.00092	0.020				7099793
PentaCB-(110)+(115)	ng/g	3.36	0.00048	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00529	0.00040	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00040	0.00040	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0861	0.0011	0.0099	0.0000300	0.00000258		7099793
23'44'5-PentaCB-(118)	ng/g	3.82	0.0011	0.0099	0.0000300	0.000115		7099793
23'455'-PentaCB-(120)	ng/g	0.00548	0.00040	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00184	0.00040	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0309	0.0010	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0374	0.0012	0.0099	0.0000300	0.00000112		7099793
33'44'5-PentaCB-(126)	ng/g	0.0053	0.0010	0.0099	0.100	0.000530		7099793
33'455'-PentaCB-(127)	ng/g	0.00563	0.00091	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.667	0.0032	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.36	0.0035	0.030				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.261	0.0041	0.0099				7099793
22'33'46-HexaCB-(131)	ng/g	0.0253	0.0041	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.626	0.0038	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0837	0.0037	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.101	0.0040	0.020				7099793
HexaCB-(135)+(151)	ng/g	1.02	0.00082	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.167	0.00060	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.210	0.0043	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0500	0.0033	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.305	0.0036	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0040	0.0040	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0992	0.00082	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00061	0.00061	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.778	0.0032	0.0099				7099793
HexaCB-(147)+(149)	ng/g	2.55	0.0033	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00604	0.00083	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00362	0.00057	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00114	0.00060	0.0099				7099793
HexaCB-(153)+(168)	ng/g	4.31	0.0028	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0515	0.00070	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00928	0.00066	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.415	0.0013	0.020	0.0000300	0.0000125		7099793
233'44'6-HexaCB-(158)	ng/g	0.324	0.0025	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.0097	0.0010	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0145	0.00098	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.131	0.0024	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0043	0.0028	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.166	0.0012	0.0099	0.0000300	0.00000498		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0099	0.0300	0.0000390		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.245	0.00083	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.128	0.00098	0.020				7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0493	0.0010	0.0099				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.178	0.00088	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0174	0.00060	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0374	0.00044	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.308	0.00097	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.164	0.00062	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.181	0.00043	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.714	0.00077	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00414	0.00093	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00357	0.00058	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.256	0.00071	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0106	0.00041	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00045	0.00045	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.959	0.00056	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00247	0.00058	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0156	0.0016	0.0099	0.0000300	0.000000468		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0772	0.00081	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0149	0.00074	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00079	0.00079	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0591	0.0021	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0218	0.0022	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0409	0.00069	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0132	0.00055	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0985	0.00067	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00512	0.00040	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0261	0.00046	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0556	0.00052	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0641	0.00061	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00047	0.00047	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0151	0.0019	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.0027	0.0016	0.0099				7099793

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0058	0.0020	0.0099				7099793
DecaCB-(209)	ng/g	<0.0085 (1)	0.0085	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000756		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	99						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	99						7099793
C13-22'33'44'5-HeptaCB-(170)	%	147 (2)						7099793
C13-22'33'455'66'-NonaCB-(208)	%	104						7099793
C13-22'33'55'66'-OctaCB-(202)	%	136						7099793
C13-22'33'55'6-HeptaCB-(178)	%	85						7099793
C13-22'344'55'-HeptaCB-(180)	%	152 (2)						7099793
C13-22'34'566'-HeptaCB-(188)	%	89						7099793
C13-22'44'66'-HexaCB-(155)	%	89						7099793
C13-22'466'-PentaCB-(104)	%	93						7099793
C13-22'66'-TetraCB-(54)	%	84						7099793
C13-22'6-TriCB-(19)	%	18 (3)						7099793
C13-22'-DiCB-(4)	%	73						7099793
C13-233'44'55'6-OctaCB-(205)	%	91						7099793
C13-233'44'55'-HeptaCB-(189)	%	131						7099793
C13-233'44'-PentaCB-(105)	%	110						7099793
C13-233'55'-PentaCB-(111)	%	91						7099793
C13-23'44'55'-HexaCB-(167)	%	107						7099793
C13-2344'5-PentaCB-(114)	%	106						7099793
C13-23'44'5-PentaCB-(118)	%	113						7099793
C13-2'344'5-PentaCB-(123)	%	111						7099793
C13-2-MonoCB-(1)	%	74						7099793
C13-33'44'55'-HexaCB-(169)	%	76						7099793
C13-33'44'5-PentaCB-(126)	%	107						7099793
C13-33'44'-TetraCB-(77)	%	100						7099793
C13-344'5-TetraCB-(81)	%	103						7099793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) Recovery outside method acceptance criteria due to matrix effects

(3) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	105						7099793
C13-44'-DiCB-(15)	%	89						7099793
C13-4-MonoCB-(3)	%	77						7099793
C13-DecaCB-(209)	%	89						7099793
C13-HexaCB-(156)+(157)	%	108						7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00088	0.00034	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00059	0.00029	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00055 (1)	0.00055	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00571	0.00050	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00063	0.00063	0.0099				7099793
2,3'-DiCB-(6)	ng/g	0.00303	0.00058	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00063	0.00063	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00880	0.00056	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00058	0.00058	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00041	0.00041	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.0133	0.00061	0.0099				7099793
DiCB-(12)+(13)	ng/g	0.00229	0.00059	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.00763	0.00096	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0319	0.00094	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0212	0.00055	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0827	0.00044	0.020				7099793
22'6-TriCB-(19)	ng/g	0.00115	0.00050	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.250	0.00050	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0366	0.00050	0.020				7099793
234'-TriCB-(22)	ng/g	0.0436	0.00051	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00034	0.00034	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.0118	0.00049	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0335	0.00051	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00842	0.00036	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.223	0.00048	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.0104	0.00035	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00113	0.00052	0.0099				7099793
33'4-TriCB-(35)	ng/g	0.00245	0.00053	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00044	0.00044	0.0099				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0241	0.00083	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00050	0.00050	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00233	0.00048	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.109	0.00046	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.106	0.00058	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0221	0.00069	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.539	0.00043	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0161	0.00047	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00365	0.00053	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0443	0.00045	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.322	0.00041	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0158	0.00045	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.04	0.00044	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00055	0.00055	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00080	0.00080	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.124	0.00084	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.00166	0.00080	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00078	0.00078	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0383	0.00034	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.136	0.00082	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.18	0.00080	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0381	0.00077	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.201	0.00036	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.633	0.00077	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00786	0.00072	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0155	0.00072	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0131	0.00078	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00031	0.00031	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0476	0.0011	0.0099	0.000100	0.00000476		7099793
33'45-TetraCB-(78)	ng/g	<0.00082	0.00082	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0171	0.00071	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00069	0.00069	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.0023	0.0010	0.0099	0.000300	0.000000690		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0814	0.00061	0.0099				7099793
PentaCB-(83)+(99)	ng/g	1.57	0.00054	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.158	0.00059	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.343	0.00041	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.879	0.00046	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.136	0.00053	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.00144	0.00057	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.19	0.00046	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.408	0.00054	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0224	0.00053	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00338	0.00056	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	0.940	0.00050	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00100	0.00037	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0113	0.00047	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00035	0.00035	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	0.906	0.00088	0.0099	0.0000300	0.0000272		7099793
233'45-PentaCB-(106)	ng/g	<0.00074	0.00074	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.189	0.00066	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0652	0.00073	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.02	0.00046	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00221	0.00039	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00038	0.00038	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0545	0.00087	0.0099	0.0000300	0.00000164		7099793
23'44'5-PentaCB-(118)	ng/g	2.46	0.00086	0.0099	0.0000300	0.0000738		7099793
23'455'-PentaCB-(120)	ng/g	0.00473	0.00038	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00163	0.00039	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0203	0.00079	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0299	0.00095	0.0099	0.0000300	0.000000897		7099793
33'44'5-PentaCB-(126)	ng/g	0.00385	0.00082	0.0099	0.100	0.000385		7099793
33'455'-PentaCB-(127)	ng/g	0.00442	0.00072	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.425	0.0020	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	3.54	0.0022	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.171	0.0026	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0173	0.0026	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.332	0.0024	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0538	0.0023	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0580	0.0025	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.646	0.00052	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0834	0.00038	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.132	0.0027	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0284	0.0021	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.175	0.0022	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0657	0.00052	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00038	0.00038	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.513	0.0020	0.0099				7099793
HexaCB-(147)+(149)	ng/g	1.45	0.0021	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00421	0.00053	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00180	0.00036	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	0.00055	0.00038	0.0099				7099793
HexaCB-(153)+(168)	ng/g	2.84	0.0017	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0311	0.00044	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00717	0.00041	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.276	0.0010	0.020	0.0000300	0.00000828		7099793
233'44'6-HexaCB-(158)	ng/g	0.219	0.0015	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.00513	0.00081	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0016	0.0016	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0113	0.00078	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0764	0.0015	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0030	0.0018	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.115	0.00094	0.0099	0.0000300	0.00000345		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0010	0.0010	0.0099	0.0300	0.0000300		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.144	0.00088	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.0902	0.0010	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0293	0.0011	0.0099				7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0921	0.00094	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0125	0.00060	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0233	0.00044	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.198	0.0010	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.109	0.00063	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.116	0.00043	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.482	0.00081	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00260	0.00099	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00273	0.00058	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.183	0.00075	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00773	0.00041	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00045	0.00045	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.623	0.00056	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00175	0.00058	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0107	0.0011	0.0099	0.0000300	0.000000321		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0508	0.00086	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.00840	0.00079	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00084	0.00084	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	<0.040 (1)	0.040	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0124	0.00098	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0256	0.00072	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00956	0.00057	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0578	0.00070	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00215	0.00042	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0170	0.00048	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0392	0.00054	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0406	0.00063	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00049	0.00049	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.00259	0.00088	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0107	0.00085	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00161	0.00069	0.0099				7099793

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.00345	0.00089	0.0099				7099793
DecaCB-(209)	ng/g	0.0051	0.0019	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000536		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	95						7099793
C13-22'33'44'5-HeptaCB-(170)	%	135						7099793
C13-22'33'455'66'-NonaCB-(208)	%	108						7099793
C13-22'33'55'66'-OctaCB-(202)	%	120						7099793
C13-22'33'55'6-HeptaCB-(178)	%	86						7099793
C13-22'344'55'-HeptaCB-(180)	%	133						7099793
C13-22'34'566'-HeptaCB-(188)	%	86						7099793
C13-22'44'66'-HexaCB-(155)	%	83						7099793
C13-22'466'-PentaCB-(104)	%	85						7099793
C13-22'66'-TetraCB-(54)	%	77						7099793
C13-22'6-TriCB-(19)	%	78						7099793
C13-22'-DiCB-(4)	%	69						7099793
C13-233'44'55'6-OctaCB-(205)	%	93						7099793
C13-233'44'55'-HeptaCB-(189)	%	127						7099793
C13-233'44'-PentaCB-(105)	%	111						7099793
C13-233'55'-PentaCB-(111)	%	91						7099793
C13-23'44'55'-HexaCB-(167)	%	108						7099793
C13-2344'5-PentaCB-(114)	%	109						7099793
C13-23'44'5-PentaCB-(118)	%	114						7099793
C13-2'344'5-PentaCB-(123)	%	112						7099793
C13-2-MonoCB-(1)	%	70						7099793
C13-33'44'55'-HexaCB-(169)	%	80						7099793
C13-33'44'5-PentaCB-(126)	%	110						7099793
C13-33'44'-TetraCB-(77)	%	110						7099793
C13-344'5-TetraCB-(81)	%	110						7099793
C13-344'-TriCB-(37)	%	104						7099793
C13-44'-DiCB-(15)	%	89						7099793
C13-4-MonoCB-(3)	%	74						7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	89						7099793
C13-HexaCB-(156)+(157)	%	107						7099793

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051 (1)	0.00051	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00043	0.00016	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00044 (1)	0.00044	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00250	0.00034	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00018	0.00018	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0014 (1)	0.0014	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00018	0.00018	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00307	0.00016	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00016	0.00016	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00028	0.00028	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00473	0.00017	0.0099				7099793
DiCB-(12)+(13)	ng/g	<0.00017	0.00017	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00017	0.00017	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.0910	0.00027	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0124	0.00053	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.00676	0.00031	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0406	0.00025	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00028	0.00028	0.0099				7099793
TriCB-(20) + (28)	ng/g	1.32	0.00033	0.020				7099793
TriCB-(21)+(33)	ng/g	<0.00033	0.00033	0.020				7099793
234'-TriCB-(22)	ng/g	0.0679	0.00034	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00036	0.00036	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00019	0.00019	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.00745	0.00033	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0201	0.00034	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00560	0.00020	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.505	0.00032	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00440	0.00020	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00047	0.00035	0.0099				7099793
33'4-TriCB-(35)	ng/g	<0.00035	0.00035	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00030	0.00030	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.220	0.00055	0.0099				7099793
345-TriCB-(38)	ng/g	<0.00034	0.00034	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00221	0.00032	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0767	0.00045	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0972	0.00057	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0274	0.00067	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.589	0.00042	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00400	0.00045	0.020				7099793
22'36'-TetraCB-(46)	ng/g	<0.00052	0.00052	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0293	0.00044	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.390	0.00040	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00200	0.00044	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.13	0.00043	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00033	0.00033	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00059	0.00059	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.102	0.00062	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.00138	0.00059	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00057	0.00057	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0444	0.00033	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.280	0.00060	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.57	0.00059	0.039				7099793
234'5-TetraCB-(63)	ng/g	0.0582	0.00056	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.286	0.00035	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.991	0.00057	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00905	0.00053	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0146	0.00053	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0164	0.00057	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00030	0.00030	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0769	0.00079	0.0099	0.000100	0.00000769		7099793
33'45-TetraCB-(78)	ng/g	<0.00060	0.00060	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0157	0.00052	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00051	0.00051	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.00458	0.00076	0.0099	0.000300	0.00000137		7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0674	0.00065	0.0099				7099793
PentaCB-(83)+(99)	ng/g	1.91	0.00058	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.121	0.00063	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.421	0.00044	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.862	0.00050	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.131	0.00057	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.00061	0.00061	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.50	0.00049	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.482	0.00058	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0214	0.00057	0.039				7099793
22'356'-PentaCB-(94)	ng/g	0.00158	0.00060	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	0.743	0.00054	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	<0.00049	0.00049	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0111	0.00051	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00046	0.00046	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.07	0.00097	0.0099	0.0000300	0.0000321		7099793
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.223	0.00073	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0759	0.00080	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.12	0.00050	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00381	0.00042	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00041	0.00041	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0667	0.00096	0.0099	0.0000300	0.00000200		7099793
23'44'5-PentaCB-(118)	ng/g	3.11	0.00095	0.0099	0.0000300	0.0000933		7099793
23'455'-PentaCB-(120)	ng/g	0.00663	0.00041	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00104	0.00041	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0197	0.00087	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0303	0.0010	0.0099	0.0000300	0.000000909		7099793
33'44'5-PentaCB-(126)	ng/g	0.00343	0.00090	0.0099	0.100	0.000343		7099793
33'455'-PentaCB-(127)	ng/g	0.00582	0.00079	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.490	0.0018	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	4.05	0.0020	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.167	0.0023	0.0099				7099793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0142	0.0023	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.275	0.0021	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0650	0.0021	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0648	0.0022	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.675	0.00070	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0605	0.00051	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.168	0.0024	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0375	0.0018	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.218	0.0020	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.0610	0.00070	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00052	0.00052	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.565	0.0018	0.0099				7099793
HexaCB-(147)+(149)	ng/g	1.42	0.0018	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	<0.0028 (1)	0.0028	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00125	0.00049	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	<0.00051	0.00051	0.0099				7099793
HexaCB-(153)+(168)	ng/g	3.39	0.0015	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0324	0.00060	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00588	0.00056	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.342	0.00074	0.020	0.0000300	0.0000103		7099793
233'44'6-HexaCB-(158)	ng/g	0.258	0.0014	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.00465	0.00060	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0144	0.00058	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0768	0.0013	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.0027	0.0016	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.150	0.00070	0.0099	0.0000300	0.00000450		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.00074	0.00074	0.0099	0.0300	0.0000222		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.185	0.00093	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.0797	0.0011	0.020				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0369	0.0011	0.0099				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.0705	0.00098	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0106	0.00076	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0143	0.00056	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.179	0.0011	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.107	0.00079	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.0860	0.00054	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.630	0.00086	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0029	0.0010	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.00073	0.00073	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.188	0.00079	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00588	0.00052	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0013	0.0013	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00057	0.00057	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.594	0.00070	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00129	0.00073	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0128	0.00068	0.0099	0.0000300	0.000000384		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0584	0.00090	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0113	0.00083	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00088	0.00088	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0635	0.0012	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0151	0.0012	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0251	0.0010	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00533	0.00080	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.0518	0.00098	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00203	0.00059	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0110	0.00067	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0344	0.00075	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0418	0.00089	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00069	0.00069	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0028	0.0011	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0108	0.00064	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00165	0.00052	0.0099				7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031 (1)	0.0031	0.0099				7099793
DecaCB-(209)	ng/g	<0.0036 (1)	0.0036	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000518		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	100						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	91						7099793
C13-22'33'44'5-HeptaCB-(170)	%	106						7099793
C13-22'33'455'66'-NonaCB-(208)	%	105						7099793
C13-22'33'55'66'-OctaCB-(202)	%	95						7099793
C13-22'33'55'6-HeptaCB-(178)	%	86						7099793
C13-22'344'55'-HeptaCB-(180)	%	107						7099793
C13-22'34'566'-HeptaCB-(188)	%	87						7099793
C13-22'44'66'-HexaCB-(155)	%	83						7099793
C13-22'466'-PentaCB-(104)	%	79						7099793
C13-22'66'-TetraCB-(54)	%	75						7099793
C13-22'6-TriCB-(19)	%	75						7099793
C13-22'-DiCB-(4)	%	70						7099793
C13-233'44'55'6-OctaCB-(205)	%	98						7099793
C13-233'44'55'-HeptaCB-(189)	%	118						7099793
C13-233'44'-PentaCB-(105)	%	113						7099793
C13-233'55'-PentaCB-(111)	%	95						7099793
C13-23'44'55'-HexaCB-(167)	%	109						7099793
C13-2344'5-PentaCB-(114)	%	112						7099793
C13-23'44'5-PentaCB-(118)	%	115						7099793
C13-2'344'5-PentaCB-(123)	%	114						7099793
C13-2-MonoCB-(1)	%	74						7099793
C13-33'44'55'-HexaCB-(169)	%	88						7099793
C13-33'44'5-PentaCB-(126)	%	112						7099793
C13-33'44'-TetraCB-(77)	%	109						7099793
C13-344'5-TetraCB-(81)	%	112						7099793
C13-344'-TriCB-(37)	%	107						7099793
C13-44'-DiCB-(15)	%	91						7099793

EDL = Estimated Detection Limit

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	76						7099793
C13-DecaCB-(209)	%	85						7099793
C13-HexaCB-(156)+(157)	%	110						7099793

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069 (1)	0.00069	0.0099				7099793
3-MonoCB-(2)	ng/g	0.00061	0.00020	0.0099				7099793
4-MonoCB-(3)	ng/g	<0.00058 (1)	0.00058	0.0099				7099793
22'-DiCB-(4)	ng/g	0.00369	0.00057	0.0099				7099793
2,3-DiCB-(5)	ng/g	<0.00036	0.00036	0.0099				7099793
2,3'-DiCB-(6)	ng/g	<0.0025 (1)	0.0025	0.0099				7099793
2,4-DiCB-(7)	ng/g	<0.00033	0.00033	0.0099				7099793
2,4'-DiCB-(8)	ng/g	0.00841	0.00035	0.0099				7099793
2,5-DiCB-(9)	ng/g	<0.00039	0.00039	0.0099				7099793
2,6-DiCB-(10)	ng/g	<0.00047	0.00047	0.0099				7099793
3,3'-DiCB-(11)	ng/g	0.00629	0.00036	0.0099				7099793
DiCB-(12)+(13)	ng/g	0.00090	0.00035	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00035	0.00035	0.0099				7099793
4,4'-DiCB-(15)	ng/g	0.00897	0.00056	0.0099				7099793
22'3-TriCB-(16)	ng/g	0.0273	0.0012	0.0099				7099793
22'4-TriCB-(17)	ng/g	0.0147	0.00056	0.0099				7099793
TriCB-(18)+(30)	ng/g	0.0708	0.00049	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00057	0.00057	0.0099				7099793
TriCB-(20) + (28)	ng/g	0.359	0.00057	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0359	0.00058	0.020				7099793
234'-TriCB-(22)	ng/g	0.0452	0.00059	0.0099				7099793
235-TriCB-(23)	ng/g	<0.00065	0.00065	0.0099				7099793
236-TriCB-(24)	ng/g	<0.00038	0.00038	0.0099				7099793
23'4-TriCB-(25)	ng/g	0.0114	0.00054	0.0099				7099793
TriCB-(26)+(29)	ng/g	0.0391	0.00060	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00650	0.00039	0.0099				7099793
24'5-TriCB-(31)	ng/g	0.262	0.00057	0.0099				7099793
24'6-TriCB-(32)	ng/g	0.00755	0.00039	0.0099				7099793
23'5'-TriCB-(34)	ng/g	0.00183	0.00059	0.0099				7099793
33'4-TriCB-(35)	ng/g	0.00124	0.00064	0.0099				7099793
33'5-TriCB-(36)	ng/g	<0.00051	0.00051	0.0099				7099793

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0292	0.00095	0.0099				7099793
345-TriCB-(38)	ng/g	0.00091	0.00062	0.0099				7099793
34'5-TriCB-(39)	ng/g	0.00306	0.00056	0.0099				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0849	0.00031	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0943	0.00035	0.0099				7099793
22'35-TetraCB-(43)	ng/g	0.0185	0.00035	0.0099				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.595	0.00029	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00937	0.00032	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00214	0.00036	0.0099				7099793
22'45-TetraCB-(48)	ng/g	0.0319	0.00031	0.0099				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.351	0.00027	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0111	0.00030	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.23	0.00028	0.0099				7099793
22'66'-TetraCB-(54)	ng/g	<0.00018	0.00018	0.0099				7099793
233'4-TetraCB-(55)	ng/g	<0.00060	0.00060	0.0099				7099793
233'4'-Tetra CB(56)	ng/g	0.113	0.00060	0.0099				7099793
233'5-TetraCB-(57)	ng/g	0.00232	0.00057	0.0099				7099793
233'5'-TetraCB-(58)	ng/g	<0.00055	0.00055	0.0099				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0389	0.00023	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.157	0.00058	0.0099				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.37	0.00056	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0485	0.00054	0.0099				7099793
234'6-TetraCB-(64)	ng/g	0.211	0.00025	0.0099				7099793
23'44'-TetraCB-(66)	ng/g	0.730	0.00054	0.0099				7099793
23'45-TetraCB-(67)	ng/g	0.00841	0.00050	0.0099				7099793
23'45'-TetraCB-(68)	ng/g	0.0225	0.00051	0.0099				7099793
23'55'-TetraCB-(72)	ng/g	0.0173	0.00054	0.0099				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00025	0.00025	0.0099				7099793
33'44'-TetraCB-(77)	ng/g	0.0553	0.00073	0.0099	0.000100	0.00000553		7099793
33'45-TetraCB-(78)	ng/g	<0.00057	0.00057	0.0099				7099793
33'45'-TetraCB(79)	ng/g	0.0211	0.00048	0.0099				7099793
33'55'-TetraCB-(80)	ng/g	<0.00048	0.00048	0.0099				7099793
344'5-TetraCB-(81)	ng/g	0.00250	0.00070	0.0099	0.000300	0.000000750		7099793

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0994	0.00075	0.0099				7099793
PentaCB-(83)+(99)	ng/g	2.19	0.00062	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.191	0.00073	0.0099				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.554	0.00052	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.15	0.00056	0.059				7099793
PentaCB-(88)+(91)	ng/g	0.181	0.00065	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.00173	0.00070	0.0099				7099793
PentaCB-(90)+(101)+(113)	ng/g	3.14	0.00056	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.609	0.00066	0.0099				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0292	0.00065	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00385	0.00070	0.0099				7099793
22'35'6-PentaCB-(95)	ng/g	1.17	0.00064	0.0099				7099793
22'366'-PentaCB-(96)	ng/g	0.00064	0.00029	0.0099				7099793
22'45'6-PentaCB-(103)	ng/g	0.0164	0.00057	0.0099				7099793
22'466'-PentaCB-(104)	ng/g	<0.00028	0.00028	0.0099				7099793
233'44'-PentaCB-(105)	ng/g	1.32	0.0011	0.0099	0.0000300	0.0000396		7099793
233'45-PentaCB-(106)	ng/g	<0.00081	0.00081	0.0099				7099793
233'4'5-PentaCB-(107)	ng/g	0.252	0.00075	0.0099				7099793
PentaCB-(108)+(124)	ng/g	0.0861	0.00088	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.48	0.00053	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00570	0.00047	0.0099				7099793
233'56-PentaCB-(112)	ng/g	<0.00049	0.00049	0.0099				7099793
2344'5-PentaCB-(114)	ng/g	0.0780	0.0011	0.0099	0.0000300	0.00000234		7099793
23'44'5-PentaCB-(118)	ng/g	3.67	0.0010	0.0099	0.0000300	0.000110		7099793
23'455'-PentaCB-(120)	ng/g	0.00738	0.00046	0.0099				7099793
23'45'6-PentaCB-(121)	ng/g	0.00256	0.00047	0.0099				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0277	0.00096	0.0099				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0472	0.0011	0.0099	0.0000300	0.00000142		7099793
33'44'5-PentaCB-(126)	ng/g	0.0100	0.00099	0.0099	0.100	0.00100		7099793
33'455'-PentaCB-(127)	ng/g	0.00687	0.00087	0.0099				7099793
HexaCB-(128)+(166)	ng/g	0.639	0.00092	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.32	0.0010	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.249	0.0012	0.0099				7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0219	0.0013	0.0099				7099793
22'33'46'-HexaCB-(132)	ng/g	0.446	0.0011	0.0099				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0901	0.0011	0.0099				7099793
HexaCB-(134)+(143)	ng/g	0.0913	0.0012	0.020				7099793
HexaCB-(135)+(151)	ng/g	1.01	0.0011	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.106	0.00082	0.0099				7099793
22'344'5-HexaCB-(137)	ng/g	0.196	0.0012	0.0099				7099793
HexaCB-(139)+(140)	ng/g	0.0470	0.00098	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.262	0.0010	0.0099				7099793
22'3456-HexaCB-(142)	ng/g	<0.0011	0.0011	0.0099				7099793
22'345'6-HexaCB-(144)	ng/g	0.101	0.0011	0.0099				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00084	0.00084	0.0099				7099793
22'34'55'-HexaCB-(146)	ng/g	0.828	0.00092	0.0099				7099793
HexaCB-(147)+(149)	ng/g	2.36	0.0010	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.0064	0.0011	0.0099				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00308	0.00083	0.0099				7099793
22'3566'-HexaCB-(152)	ng/g	<0.00082	0.00082	0.0099				7099793
HexaCB-(153)+(168)	ng/g	4.85	0.00084	0.0099				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0529	0.00096	0.0099				7099793
22'44'66'-HexaCB-(155)	ng/g	0.0112	0.00092	0.0099				7099793
HexaCB-(156)+(157)	ng/g	0.439	0.00096	0.020	0.0000300	0.0000132		7099793
233'44'6-HexaCB-(158)	ng/g	0.342	0.00071	0.0099				7099793
233'455'-HexaCB-(159)	ng/g	0.00747	0.00080	0.0099				7099793
233'456-HexaCB-(160)	ng/g	<0.00085	0.00085	0.0099				7099793
233'45'6-HexaCB-(161)	ng/g	<0.00082	0.00082	0.0099				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0201	0.00077	0.0099				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.106	0.00075	0.0099				7099793
233'55'6-HexaCB-(165)	ng/g	0.00424	0.00083	0.0099				7099793
23'44'55'-HexaCB-(167)	ng/g	0.182	0.00091	0.0099	0.0000300	0.00000546		7099793
33'44'55'-HexaCB-(169)	ng/g	0.00299	0.00096	0.0099	0.0300	0.0000897		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.257	0.00091	0.0099				7099793
HeptaCB-(171)+(173)	ng/g	0.125	0.0011	0.020				7099793
22'33'455'-HeptaCB-(172)	ng/g	0.0520	0.0011	0.0099				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.111	0.00096	0.0099				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0186	0.00056	0.0099				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0288	0.00042	0.0099				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.284	0.0011	0.0099				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.177	0.00059	0.0099				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.150	0.00041	0.0099				7099793
HeptaCB-(180)+(193)	ng/g	0.856	0.00086	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0040	0.0010	0.0099				7099793
22'344'56'-HeptaCB-(182)	ng/g	<0.00055	0.00055	0.0099				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.367	0.0010	0.0099				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.0124	0.00040	0.0099				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.00099	0.00099	0.0099				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00043	0.00043	0.0099				7099793
22'34'55'6-HeptaCB-(187)	ng/g	1.02	0.00052	0.0099				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00256	0.00052	0.0099				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0169	0.0012	0.0099	0.0000300	0.000000507		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0789	0.00085	0.0099				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0162	0.00084	0.0099				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00086	0.00086	0.0099				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0774	0.00098	0.0099				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0286	0.0010	0.0099				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0439	0.0017	0.0099				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.0112	0.0012	0.0099				7099793
OctaCB-(198)+(199)	ng/g	0.106	0.0017	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.0024	0.0012	0.0099				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0243	0.0012	0.0099				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0615	0.0013	0.0099				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0803	0.0015	0.0099				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.0012	0.0012	0.0099				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.00580	0.00092	0.0099				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0196	0.00092	0.0099				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00387	0.00076	0.0099				7099793
22'33'455'66'-NonaCB-(208)	ng/g	0.00690	0.00096	0.0099				7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0090 (1)	0.0090	0.0099				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.00127		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	100						7099793
C13-22'33'44'5-HeptaCB-(170)	%	127						7099793
C13-22'33'455'66'-NonaCB-(208)	%	108						7099793
C13-22'33'55'66'-OctaCB-(202)	%	108						7099793
C13-22'33'55'6-HeptaCB-(178)	%	86						7099793
C13-22'344'55'-HeptaCB-(180)	%	124						7099793
C13-22'34'566'-HeptaCB-(188)	%	89						7099793
C13-22'44'66'-HexaCB-(155)	%	87						7099793
C13-22'466'-PentaCB-(104)	%	95						7099793
C13-22'66'-TetraCB-(54)	%	85						7099793
C13-22'6-TriCB-(19)	%	28 (2)						7099793
C13-22'-DiCB-(4)	%	76						7099793
C13-233'44'55'6-OctaCB-(205)	%	95						7099793
C13-233'44'55'-HeptaCB-(189)	%	129						7099793
C13-233'44'-PentaCB-(105)	%	108						7099793
C13-233'55'-PentaCB-(111)	%	94						7099793
C13-23'44'55'-HexaCB-(167)	%	106						7099793
C13-2344'5-PentaCB-(114)	%	106						7099793
C13-23'44'5-PentaCB-(118)	%	110						7099793
C13-2'344'5-PentaCB-(123)	%	110						7099793
C13-2-MonoCB-(1)	%	77						7099793
C13-33'44'55'-HexaCB-(169)	%	83						7099793
C13-33'44'5-PentaCB-(126)	%	105						7099793
C13-33'44'-TetraCB-(77)	%	100						7099793
C13-344'5-TetraCB-(81)	%	101						7099793
C13-344'-TriCB-(37)	%	101						7099793
C13-44'-DiCB-(15)	%	91						7099793

EDL = Estimated Detection Limit

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(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	79						7099793
C13-DecaCB-(209)	%	93						7099793
C13-HexaCB-(156)+(157)	%	105						7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00084	0.00025	0.010				7099793
3-MonoCB-(2)	ng/g	0.00057	0.00022	0.010				7099793
4-MonoCB-(3)	ng/g	<0.00050 (1)	0.00050	0.010				7099793
22'-DiCB-(4)	ng/g	0.00408	0.00041	0.010				7099793
2,3-DiCB-(5)	ng/g	<0.00064	0.00064	0.010				7099793
2,3'-DiCB-(6)	ng/g	0.00242	0.00063	0.010				7099793
2,4-DiCB-(7)	ng/g	<0.00060	0.00060	0.010				7099793
2,4'-DiCB-(8)	ng/g	0.00790	0.00063	0.010				7099793
2,5-DiCB-(9)	ng/g	<0.00069	0.00069	0.010				7099793
2,6-DiCB-(10)	ng/g	<0.00033	0.00033	0.010				7099793
3,3'-DiCB-(11)	ng/g	0.00539	0.00064	0.010				7099793
DiCB-(12)+(13)	ng/g	<0.00062	0.00062	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00063	0.00063	0.010				7099793
4,4'-DiCB-(15)	ng/g	0.0065	0.0010	0.010				7099793
22'3-TriCB-(16)	ng/g	0.0234	0.00086	0.010				7099793
22'4-TriCB-(17)	ng/g	0.0121	0.00040	0.010				7099793
TriCB-(18)+(30)	ng/g	0.0607	0.00035	0.020				7099793
22'6-TriCB-(19)	ng/g	<0.00041	0.00041	0.010				7099793
TriCB-(20) + (28)	ng/g	0.207	0.00055	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0220	0.00056	0.020				7099793
234'-TriCB-(22)	ng/g	0.0284	0.00056	0.010				7099793
235-TriCB-(23)	ng/g	<0.00062	0.00062	0.010				7099793
236-TriCB-(24)	ng/g	<0.00027	0.00027	0.010				7099793
23'4-TriCB-(25)	ng/g	0.00686	0.00052	0.010				7099793
TriCB-(26)+(29)	ng/g	0.0216	0.00057	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00579	0.00028	0.010				7099793
24'5-TriCB-(31)	ng/g	0.156	0.00055	0.010				7099793
24'6-TriCB-(32)	ng/g	0.00655	0.00028	0.010				7099793
23'5'-TriCB-(34)	ng/g	0.00086	0.00057	0.010				7099793
33'4-TriCB-(35)	ng/g	<0.00061	0.00061	0.010				7099793
33'5-TriCB-(36)	ng/g	<0.00049	0.00049	0.010				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0195	0.00091	0.010				7099793
345-TriCB-(38)	ng/g	<0.00059	0.00059	0.010				7099793
34'5-TriCB-(39)	ng/g	0.00199	0.00053	0.010				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.0843	0.00063	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.0662	0.00071	0.010				7099793
22'35-TetraCB-(43)	ng/g	0.0145	0.00072	0.010				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.446	0.00058	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.00883	0.00064	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00180	0.00074	0.010				7099793
22'45-TetraCB-(48)	ng/g	0.0331	0.00062	0.010				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.253	0.00056	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.00914	0.00062	0.020				7099793
22'55'-TetraCB-(52)	ng/g	0.871	0.00057	0.010				7099793
22'66'-TetraCB-(54)	ng/g	<0.00041	0.00041	0.010				7099793
233'4-TetraCB-(55)	ng/g	<0.00066	0.00066	0.010				7099793
233'4'-Tetra CB(56)	ng/g	0.0831	0.00066	0.010				7099793
233'5-TetraCB-(57)	ng/g	0.00126	0.00063	0.010				7099793
233'5'-TetraCB-(58)	ng/g	<0.00060	0.00060	0.010				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0316	0.00047	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.113	0.00065	0.010				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.00	0.00062	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0315	0.00060	0.010				7099793
234'6-TetraCB-(64)	ng/g	0.156	0.00050	0.010				7099793
23'44'-TetraCB-(66)	ng/g	0.560	0.00060	0.010				7099793
23'45-TetraCB-(67)	ng/g	0.00582	0.00056	0.010				7099793
23'45'-TetraCB-(68)	ng/g	0.0144	0.00057	0.010				7099793
23'55'-TetraCB-(72)	ng/g	0.0121	0.00059	0.010				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00050	0.00050	0.010				7099793
33'44'-TetraCB-(77)	ng/g	0.0489	0.00081	0.010	0.000100	0.00000489		7099793
33'45-TetraCB-(78)	ng/g	<0.00063	0.00063	0.010				7099793
33'45'-TetraCB(79)	ng/g	0.0158	0.00053	0.010				7099793
33'55'-TetraCB-(80)	ng/g	<0.00053	0.00053	0.010				7099793
344'5-TetraCB-(81)	ng/g	0.00320	0.00078	0.010	0.000300	0.000000960		7099793

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0749	0.00072	0.010				7099793
PentaCB-(83)+(99)	ng/g	1.71	0.00060	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.142	0.00071	0.010				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.398	0.00050	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.827	0.00054	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.125	0.00063	0.020				7099793
22'346'-PentaCB-(89)	ng/g	<0.00068	0.00068	0.010				7099793
PentaCB-(90)+(101)+(113)	ng/g	2.27	0.00054	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.414	0.00064	0.010				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0235	0.00063	0.040				7099793
22'356'-PentaCB-(94)	ng/g	0.00280	0.00067	0.010				7099793
22'35'6-PentaCB-(95)	ng/g	0.877	0.00062	0.010				7099793
22'366'-PentaCB-(96)	ng/g	<0.00046	0.00046	0.010				7099793
22'45'6-PentaCB-(103)	ng/g	0.0115	0.00055	0.010				7099793
22'466'-PentaCB-(104)	ng/g	<0.00044	0.00044	0.010				7099793
233'44'-PentaCB-(105)	ng/g	1.01	0.0011	0.010	0.0000300	0.0000303		7099793
233'45-PentaCB-(106)	ng/g	<0.00088	0.00088	0.010				7099793
233'4'5-PentaCB-(107)	ng/g	0.200	0.00080	0.010				7099793
PentaCB-(108)+(124)	ng/g	0.0684	0.00095	0.020				7099793
PentaCB-(110)+(115)	ng/g	1.82	0.00051	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00393	0.00046	0.010				7099793
233'56-PentaCB-(112)	ng/g	<0.00048	0.00048	0.010				7099793
2344'5-PentaCB-(114)	ng/g	0.0564	0.0011	0.010	0.0000300	0.00000169		7099793
23'44'5-PentaCB-(118)	ng/g	2.83	0.0011	0.010	0.0000300	0.0000849		7099793
23'455'-PentaCB-(120)	ng/g	0.00410	0.00045	0.010				7099793
23'45'6-PentaCB-(121)	ng/g	0.00145	0.00046	0.010				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0199	0.0010	0.010				7099793
23'44'5'-PentaCB-(123)	ng/g	<0.0012	0.0012	0.010	0.0000300	0.0000000360		7099793
33'44'5-PentaCB-(126)	ng/g	0.0048	0.0011	0.010	0.100	0.000480		7099793
33'455'-PentaCB-(127)	ng/g	0.00594	0.00094	0.010				7099793
HexaCB-(128)+(166)	ng/g	0.489	0.00093	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	4.27	0.0010	0.030				7099793
22'33'45'-HexaCB-(130)	ng/g	0.216	0.0012	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0164	0.0013	0.010				7099793
22'33'46'-HexaCB-(132)	ng/g	0.305	0.0012	0.010				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0665	0.0011	0.010				7099793
HexaCB-(134)+(143)	ng/g	0.0718	0.0012	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.716	0.0010	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.0816	0.00073	0.010				7099793
22'344'5-HexaCB-(137)	ng/g	0.149	0.0012	0.010				7099793
HexaCB-(139)+(140)	ng/g	0.0376	0.00099	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.163	0.0010	0.010				7099793
22'3456-HexaCB-(142)	ng/g	<0.0012	0.0012	0.010				7099793
22'345'6-HexaCB-(144)	ng/g	0.0693	0.0010	0.010				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00075	0.00075	0.010				7099793
22'34'55'-HexaCB-(146)	ng/g	0.635	0.00093	0.010				7099793
HexaCB-(147)+(149)	ng/g	1.71	0.0010	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.0043	0.0010	0.010				7099793
22'34'66'-HexaCB-(150)	ng/g	<0.0019 (1)	0.0019	0.010				7099793
22'3566'-HexaCB-(152)	ng/g	<0.00074	0.00074	0.010				7099793
HexaCB-(153)+(168)	ng/g	3.80	0.00085	0.010				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0396	0.00086	0.010				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00875	0.00083	0.010				7099793
HexaCB-(156)+(157)	ng/g	0.350	0.00083	0.020	0.0000300	0.0000105		7099793
233'44'6-HexaCB-(158)	ng/g	0.261	0.00072	0.010				7099793
233'455'-HexaCB-(159)	ng/g	0.00591	0.00069	0.010				7099793
233'456-HexaCB-(160)	ng/g	<0.00086	0.00086	0.010				7099793
233'45'6-HexaCB-(161)	ng/g	<0.00083	0.00083	0.010				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0125	0.00067	0.010				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.0809	0.00076	0.010				7099793
233'55'6-HexaCB-(165)	ng/g	0.00297	0.00085	0.010				7099793
23'44'55'-HexaCB-(167)	ng/g	0.155	0.00079	0.010	0.0000300	0.00000465		7099793
33'44'55'-HexaCB-(169)	ng/g	0.00381	0.00083	0.010	0.0300	0.000114		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.205	0.00087	0.010				7099793
HeptaCB-(171)+(173)	ng/g	0.105	0.0010	0.020				7099793

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0405	0.0011	0.010				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.0757	0.00092	0.010				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0157	0.0012	0.010				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0229	0.00092	0.010				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.258	0.0010	0.010				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.139	0.0013	0.010				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.123	0.00089	0.010				7099793
HeptaCB-(180)+(193)	ng/g	0.686	0.00082	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.00319	0.00097	0.010				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.0034	0.0012	0.010				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.311	0.00097	0.010				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00962	0.00086	0.010				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.00094	0.00094	0.010				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00094	0.00094	0.010				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.847	0.0011	0.010				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.0020	0.0011	0.010				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0154	0.0018	0.010	0.0000300	0.000000462		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0634	0.00081	0.010				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0125	0.00080	0.010				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.00082	0.00082	0.010				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0654	0.0013	0.010				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0217	0.0014	0.010				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0359	0.0013	0.010				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00847	0.00095	0.010				7099793
OctaCB-(198)+(199)	ng/g	0.0829	0.0013	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00258	0.00091	0.010				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0200	0.00093	0.010				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0486	0.0010	0.010				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0584	0.0012	0.010				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00094	0.00094	0.010				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0047	0.0013	0.010				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0160	0.00094	0.010				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.00268	0.00078	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.00531	0.00098	0.010				7099793
DecaCB-(209)	ng/g	0.0070	0.0025	0.010				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000732		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	97						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	81						7099793
C13-22'33'44'5-HeptaCB-(170)	%	112						7099793
C13-22'33'455'66'-NonaCB-(208)	%	97						7099793
C13-22'33'55'66'-OctaCB-(202)	%	98						7099793
C13-22'33'55'6-HeptaCB-(178)	%	83						7099793
C13-22'344'55'-HeptaCB-(180)	%	112						7099793
C13-22'34'566'-HeptaCB-(188)	%	76						7099793
C13-22'44'66'-HexaCB-(155)	%	74						7099793
C13-22'466'-PentaCB-(104)	%	79						7099793
C13-22'66'-TetraCB-(54)	%	77						7099793
C13-22'6-TriCB-(19)	%	73						7099793
C13-22'-DiCB-(4)	%	72						7099793
C13-233'44'55'6-OctaCB-(205)	%	87						7099793
C13-233'44'55'-HeptaCB-(189)	%	109						7099793
C13-233'44'-PentaCB-(105)	%	100						7099793
C13-233'55'-PentaCB-(111)	%	93						7099793
C13-23'44'55'-HexaCB-(167)	%	95						7099793
C13-2344'5-PentaCB-(114)	%	98						7099793
C13-23'44'5-PentaCB-(118)	%	101						7099793
C13-2'344'5-PentaCB-(123)	%	100						7099793
C13-2-MonoCB-(1)	%	78						7099793
C13-33'44'55'-HexaCB-(169)	%	81						7099793
C13-33'44'5-PentaCB-(126)	%	100						7099793
C13-33'44'-TetraCB-(77)	%	90						7099793
C13-344'5-TetraCB-(81)	%	95						7099793
C13-344'-TriCB-(37)	%	89						7099793
C13-44'-DiCB-(15)	%	84						7099793
C13-4-MonoCB-(3)	%	76						7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ723						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	69						7099793
C13-HexaCB-(156)+(157)	%	94						7099793

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00077	0.00040	0.010				7099793
3-MonoCB-(2)	ng/g	0.00048	0.00036	0.010				7099793
4-MonoCB-(3)	ng/g	<0.00052 (1)	0.00052	0.010				7099793
22'-DiCB-(4)	ng/g	0.00594	0.00062	0.010				7099793
2,3-DiCB-(5)	ng/g	<0.00054	0.00054	0.010				7099793
2,3'-DiCB-(6)	ng/g	0.00338	0.00053	0.010				7099793
2,4-DiCB-(7)	ng/g	<0.00050	0.00050	0.010				7099793
2,4'-DiCB-(8)	ng/g	0.0144	0.00053	0.010				7099793
2,5-DiCB-(9)	ng/g	<0.00058	0.00058	0.010				7099793
2,6-DiCB-(10)	ng/g	<0.00050	0.00050	0.010				7099793
3,3'-DiCB-(11)	ng/g	0.00811	0.00054	0.010				7099793
DiCB-(12)+(13)	ng/g	0.00113	0.00053	0.020				7099793
3,5-DiCB-(14)	ng/g	<0.00054	0.00054	0.010				7099793
4,4'-DiCB-(15)	ng/g	0.00616	0.00085	0.010				7099793
22'3-TriCB-(16)	ng/g	0.0358	0.00086	0.010				7099793
22'4-TriCB-(17)	ng/g	0.0400	0.00040	0.010				7099793
TriCB-(18)+(30)	ng/g	0.0783	0.00035	0.020				7099793
22'6-TriCB-(19)	ng/g	0.00060	0.00041	0.010				7099793
TriCB-(20) + (28)	ng/g	0.331	0.00063	0.020				7099793
TriCB-(21)+(33)	ng/g	0.0549	0.00064	0.020				7099793
234'-TriCB-(22)	ng/g	0.0524	0.00064	0.010				7099793
235-TriCB-(23)	ng/g	<0.00071	0.00071	0.010				7099793
236-TriCB-(24)	ng/g	<0.00027	0.00027	0.010				7099793
23'4-TriCB-(25)	ng/g	0.0214	0.00059	0.010				7099793
TriCB-(26)+(29)	ng/g	0.0488	0.00066	0.020				7099793
23'6-TriCB-(27)	ng/g	0.00727	0.00028	0.010				7099793
24'5-TriCB-(31)	ng/g	0.277	0.00063	0.010				7099793
24'6-TriCB-(32)	ng/g	0.0396	0.00028	0.010				7099793
23'5'-TriCB-(34)	ng/g	0.00227	0.00065	0.010				7099793
33'4-TriCB-(35)	ng/g	<0.00070	0.00070	0.010				7099793
33'5-TriCB-(36)	ng/g	<0.00056	0.00056	0.010				7099793

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0263	0.0010	0.010				7099793
345-TriCB-(38)	ng/g	<0.00068	0.00068	0.010				7099793
34'5-TriCB-(39)	ng/g	0.00360	0.00061	0.010				7099793
TetraCB-(40)+(41)+(71)	ng/g	0.262	0.00074	0.030				7099793
22'34'-TetraCB-(42)	ng/g	0.177	0.00084	0.010				7099793
22'35-TetraCB-(43)	ng/g	0.0262	0.00085	0.010				7099793
TetraCB-(44)+(47)+(65)	ng/g	0.814	0.00069	0.030				7099793
TetraCB-(45)+(51)	ng/g	0.0229	0.00076	0.020				7099793
22'36'-TetraCB-(46)	ng/g	0.00418	0.00088	0.010				7099793
22'45-TetraCB-(48)	ng/g	0.0895	0.00074	0.010				7099793
TetraCB-(49)+TetraCB-(69)	ng/g	0.607	0.00066	0.020				7099793
TetraCB-(50)+(53)	ng/g	0.0240	0.00073	0.020				7099793
22'55'-TetraCB-(52)	ng/g	1.60	0.00068	0.010				7099793
22'66'-TetraCB-(54)	ng/g	<0.00029	0.00029	0.010				7099793
233'4-TetraCB-(55)	ng/g	<0.00089	0.00089	0.010				7099793
233'4'-Tetra CB(56)	ng/g	0.249	0.00088	0.010				7099793
233'5-TetraCB-(57)	ng/g	0.00347	0.00084	0.010				7099793
233'5'-TetraCB-(58)	ng/g	<0.00081	0.00081	0.010				7099793
TetraCB-(59)+(62)+(75)	ng/g	0.0660	0.00055	0.030				7099793
2344'-TetraCB -(60)	ng/g	0.185	0.00087	0.010				7099793
TetraCB-(61)+(70)+(74)+(76)	ng/g	1.89	0.00084	0.040				7099793
234'5-TetraCB-(63)	ng/g	0.0588	0.00080	0.010				7099793
234'6-TetraCB-(64)	ng/g	0.408	0.00059	0.010				7099793
23'44'-TetraCB-(66)	ng/g	1.00	0.00081	0.010				7099793
23'45-TetraCB-(67)	ng/g	0.0124	0.00075	0.010				7099793
23'45'-TetraCB-(68)	ng/g	0.0216	0.00076	0.010				7099793
23'55'-TetraCB-(72)	ng/g	0.0228	0.00080	0.010				7099793
23'5'6-TetraCB-(73)	ng/g	<0.00060	0.00060	0.010				7099793
33'44'-TetraCB-(77)	ng/g	0.0574	0.0011	0.010	0.000100	0.00000574		7099793
33'45-TetraCB-(78)	ng/g	<0.00085	0.00085	0.010				7099793
33'45'-TetraCB(79)	ng/g	0.0296	0.00072	0.010				7099793
33'55'-TetraCB-(80)	ng/g	<0.00072	0.00072	0.010				7099793
344'5-TetraCB-(81)	ng/g	0.0019	0.0010	0.010	0.000300	0.000000570		7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.134	0.0012	0.010				7099793
PentaCB-(83)+(99)	ng/g	2.06	0.00097	0.020				7099793
22'33'6-PentaCB-(84)	ng/g	0.254	0.0011	0.010				7099793
PentaCB-(85)+(116)+(117)	ng/g	0.491	0.00081	0.030				7099793
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	1.23	0.00087	0.060				7099793
PentaCB-(88)+(91)	ng/g	0.223	0.0010	0.020				7099793
22'346'-PentaCB-(89)	ng/g	0.0035	0.0011	0.010				7099793
PentaCB-(90)+(101)+(113)	ng/g	3.03	0.00087	0.030				7099793
22'355'-PentaCB-(92)	ng/g	0.544	0.0010	0.010				7099793
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0391	0.0010	0.040				7099793
22'356'-PentaCB-(94)	ng/g	<0.0050 (1)	0.0050	0.010				7099793
22'35'6-PentaCB-(95)	ng/g	1.18	0.0010	0.010				7099793
22'366'-PentaCB-(96)	ng/g	0.00118	0.00058	0.010				7099793
22'45'6-PentaCB-(103)	ng/g	0.0173	0.00089	0.010				7099793
22'466'-PentaCB-(104)	ng/g	<0.00055	0.00055	0.010				7099793
233'44'-PentaCB-(105)	ng/g	1.23	0.00092	0.010	0.0000300	0.0000369		7099793
233'45-PentaCB-(106)	ng/g	<0.00071	0.00071	0.010				7099793
233'4'5-PentaCB-(107)	ng/g	0.224	0.00065	0.010				7099793
PentaCB-(108)+(124)	ng/g	0.0833	0.00077	0.020				7099793
PentaCB-(110)+(115)	ng/g	2.76	0.00082	0.020				7099793
233'55'-PentaCB-(111)	ng/g	0.00506	0.00074	0.010				7099793
233'56-PentaCB-(112)	ng/g	<0.00076	0.00076	0.010				7099793
2344'5-PentaCB-(114)	ng/g	0.0726	0.00091	0.010	0.0000300	0.00000218		7099793
23'44'5-PentaCB-(118)	ng/g	3.54	0.00090	0.010	0.0000300	0.000106		7099793
23'455'-PentaCB-(120)	ng/g	0.00554	0.00072	0.010				7099793
23'45'6-PentaCB-(121)	ng/g	0.00181	0.00073	0.010				7099793
233'4'5'-PentaCB-(122)	ng/g	0.0274	0.00083	0.010				7099793
23'44'5'-PentaCB-(123)	ng/g	0.0521	0.00099	0.010	0.0000300	0.00000156		7099793
33'44'5-PentaCB-(126)	ng/g	<0.0027 (1)	0.0027	0.010	0.100	0.000270		7099793
33'455'-PentaCB-(127)	ng/g	0.00546	0.00076	0.010				7099793
HexaCB-(128)+(166)	ng/g	0.606	0.0017	0.020				7099793
HexaCB-(129)+(138)+(163)	ng/g	5.00	0.0019	0.030				7099793

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.213	0.0023	0.010				7099793
22'33'46-HexaCB-(131)	ng/g	0.0220	0.0024	0.010				7099793
22'33'46'-HexaCB-(132)	ng/g	0.573	0.0022	0.010				7099793
22'33'55'-HexaCB-(133)	ng/g	0.0767	0.0021	0.010				7099793
HexaCB-(134)+(143)	ng/g	0.0755	0.0022	0.020				7099793
HexaCB-(135)+(151)	ng/g	0.874	0.00077	0.020				7099793
22'33'66'-HexaCB-(136)	ng/g	0.121	0.00055	0.010				7099793
22'344'5-HexaCB-(137)	ng/g	0.183	0.0022	0.010				7099793
HexaCB-(139)+(140)	ng/g	0.0422	0.0019	0.020				7099793
22'3455'-HexaCB-(141)	ng/g	0.294	0.0019	0.010				7099793
22'3456-HexaCB-(142)	ng/g	<0.0022	0.0022	0.010				7099793
22'345'6-HexaCB-(144)	ng/g	0.0816	0.00076	0.010				7099793
22'3466'-HexaCB-(145)	ng/g	<0.00057	0.00057	0.010				7099793
22'34'55'-HexaCB-(146)	ng/g	0.663	0.0017	0.010				7099793
HexaCB-(147)+(149)	ng/g	2.13	0.0019	0.020				7099793
22'34'56'-HexaCB-(148)	ng/g	0.00583	0.00077	0.010				7099793
22'34'66'-HexaCB-(150)	ng/g	0.00280	0.00056	0.010				7099793
22'3566'-HexaCB-(152)	ng/g	0.00104	0.00056	0.010				7099793
HexaCB-(153)+(168)	ng/g	4.16	0.0016	0.010				7099793
22'44'56'-HexaCB-(154)	ng/g	0.0489	0.00065	0.010				7099793
22'44'66'-HexaCB-(155)	ng/g	0.00726	0.00062	0.010				7099793
HexaCB-(156)+(157)	ng/g	0.365	0.0025	0.020	0.0000300	0.0000110		7099793
233'44'6-HexaCB-(158)	ng/g	0.314	0.0014	0.010				7099793
233'455'-HexaCB-(159)	ng/g	0.0114	0.0021	0.010				7099793
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.010				7099793
233'45'6-HexaCB-(161)	ng/g	<0.0015	0.0015	0.010				7099793
233'4'55'-HexaCB-(162)	ng/g	0.0156	0.0020	0.010				7099793
233'4'5'6-HexaCB-(164)	ng/g	0.138	0.0014	0.010				7099793
233'55'6-HexaCB-(165)	ng/g	0.0036	0.0016	0.010				7099793
23'44'55'-HexaCB-(167)	ng/g	0.136	0.0024	0.010	0.0000300	0.00000408		7099793
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.010	0.0300	0.0000750		7099793
22'33'44'5-HeptaCB-(170)	ng/g	0.216	0.0011	0.010				7099793
HeptaCB-(171)+(173)	ng/g	0.0978	0.0013	0.020				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0424	0.0014	0.010				7099793
22'33'456'-HeptaCB-(174)	ng/g	0.136	0.0012	0.010				7099793
22'33'45'6-HeptaCB-(175)	ng/g	0.0127	0.00065	0.010				7099793
22'33'466'-HeptaCB-(176)	ng/g	0.0245	0.00049	0.010				7099793
22'33'45'6'-HeptaCB-(177)	ng/g	0.206	0.0013	0.010				7099793
22'33'55'6-HeptaCB-(178)	ng/g	0.118	0.00069	0.010				7099793
22'33'566'-HeptaCB-(179)	ng/g	0.120	0.00048	0.010				7099793
HeptaCB-(180)+(193)	ng/g	0.623	0.0011	0.020				7099793
22'344'56-HeptaCB-(181)	ng/g	0.0037	0.0012	0.010				7099793
22'344'56'-HeptaCB-(182)	ng/g	0.00393	0.00063	0.010				7099793
22'344'5'6-HeptaCB-(183)	ng/g	0.238	0.0012	0.010				7099793
22'344'66'-HeptaCB-(184)	ng/g	0.00582	0.00046	0.010				7099793
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.010				7099793
22'34566'-HeptaCB-(186)	ng/g	<0.00050	0.00050	0.010				7099793
22'34'55'6-HeptaCB-(187)	ng/g	0.670	0.00060	0.010				7099793
22'34'566'-HeptaCB-(188)	ng/g	0.00196	0.00061	0.010				7099793
233'44'55'-HeptaCB-(189)	ng/g	0.0123	0.0018	0.010	0.0000300	0.000000369		7099793
233'44'56-HeptaCB-(190)	ng/g	0.0675	0.0010	0.010				7099793
233'44'5'6-HeptaCB-(191)	ng/g	0.0123	0.0010	0.010				7099793
233'455'6-HeptaCB-(192)	ng/g	<0.0010	0.0010	0.010				7099793
22'33'44'55'-OctaCB-(194)	ng/g	0.0652	0.0023	0.010				7099793
22'33'44'56-OctaCB-(195)	ng/g	0.0247	0.0024	0.010				7099793
22'33'44'56'-OctaCB-(196)	ng/g	0.0413	0.0013	0.010				7099793
22'33'44'66'OctaCB-(197)	ng/g	0.00623	0.00094	0.010				7099793
OctaCB-(198)+(199)	ng/g	0.0941	0.0013	0.020				7099793
22'33'4566'-OctaCB-(200)	ng/g	0.00758	0.00089	0.010				7099793
22'33'45'66'-OctaCB-(201)	ng/g	0.0186	0.00092	0.010				7099793
22'33'55'66'-OctaCB-(202)	ng/g	0.0443	0.0010	0.010				7099793
22'344'55'6-OctaCB-(203)	ng/g	0.0681	0.0012	0.010				7099793
22'344'566'-OctaCB-(204)	ng/g	<0.00093	0.00093	0.010				7099793
233'44'55'6-OctaCB-(205)	ng/g	0.0038	0.0022	0.010				7099793
22'33'44'55'6-NonaCB-(206)	ng/g	0.0183	0.0012	0.010				7099793
22'33'44'566'-NonaCB-(207)	ng/g	0.0032	0.0010	0.010				7099793

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0059	0.0013	0.010				7099793
DecaCB-(209)	ng/g	0.0078	0.0018	0.010				7099793
TOTAL TOXIC EQUIVALENCY	ng/g					0.000513		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	94						7099793
C13-22'33'44'55'6-NonaCB-(206)	%	91						7099793
C13-22'33'44'5-HeptaCB-(170)	%	119						7099793
C13-22'33'455'66'-NonaCB-(208)	%	96						7099793
C13-22'33'55'66'-OctaCB-(202)	%	95						7099793
C13-22'33'55'6-HeptaCB-(178)	%	80						7099793
C13-22'344'55'-HeptaCB-(180)	%	119						7099793
C13-22'34'566'-HeptaCB-(188)	%	73						7099793
C13-22'44'66'-HexaCB-(155)	%	70						7099793
C13-22'466'-PentaCB-(104)	%	74						7099793
C13-22'66'-TetraCB-(54)	%	70						7099793
C13-22'6-TriCB-(19)	%	68						7099793
C13-22'-DiCB-(4)	%	63						7099793
C13-233'44'55'6-OctaCB-(205)	%	84						7099793
C13-233'44'55'-HeptaCB-(189)	%	122						7099793
C13-233'44'-PentaCB-(105)	%	103						7099793
C13-233'55'-PentaCB-(111)	%	92						7099793
C13-23'44'55'-HexaCB-(167)	%	97						7099793
C13-2344'5-PentaCB-(114)	%	101						7099793
C13-23'44'5-PentaCB-(118)	%	104						7099793
C13-2'344'5-PentaCB-(123)	%	102						7099793
C13-2-MonoCB-(1)	%	68						7099793
C13-33'44'55'-HexaCB-(169)	%	26 (1)						7099793
C13-33'44'5-PentaCB-(126)	%	63						7099793
C13-33'44'-TetraCB-(77)	%	80						7099793
C13-344'5-TetraCB-(81)	%	92						7099793
C13-344'-TriCB-(37)	%	89						7099793
C13-44'-DiCB-(15)	%	78						7099793

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(1) Recovery outside method acceptance criteria due to matrix effects

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ729						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	68						7099793
C13-DecaCB-(209)	%	85						7099793
C13-HexaCB-(156)+(157)	%	97						7099793

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RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.0097				7147727
3-MonoCB-(2)	ng/g	<0.00053	0.00053	0.0097				7147727
4-MonoCB-(3)	ng/g	<0.00055	0.00055	0.0097				7147727
22'-DiCB-(4)	ng/g	<0.0012	0.0012	0.0097				7147727
2,3-DiCB-(5)	ng/g	<0.00070	0.00070	0.0097				7147727
2,3'-DiCB-(6)	ng/g	<0.00056	0.00056	0.0097				7147727
2,4-DiCB-(7)	ng/g	<0.00054	0.00054	0.0097				7147727
2,4'-DiCB-(8)	ng/g	<0.00047	0.00047	0.0097				7147727
2,5-DiCB-(9)	ng/g	<0.00057	0.00057	0.0097				7147727
2,6-DiCB-(10)	ng/g	<0.0016	0.0016	0.0097				7147727
3,3'-DiCB-(11)	ng/g	0.00898	0.00058	0.0097				7147727
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.00056	0.00056	0.0097				7147727
4,4'-DiCB-(15)	ng/g	<0.00090	0.00090	0.0097				7147727
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0097				7147727
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0097				7147727
TriCB-(18)+(30)	ng/g	0.0019	0.0016	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0097				7147727
TriCB-(20) + (28)	ng/g	0.0198 (1)	0.0011	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.019				7147727
234'-TriCB-(22)	ng/g	0.0030	0.0011	0.0097				7147727
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0097				7147727
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0097				7147727
23'4-TriCB-(25)	ng/g	<0.00099	0.00099	0.0097				7147727
TriCB-(26)+(29)	ng/g	0.0023	0.0011	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0097				7147727
24'5-TriCB-(31)	ng/g	<0.014 (1)	0.014	0.0097				7147727
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0097				7147727
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0097				7147727
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0097				7147727
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0097				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.0097				7147727
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0097				7147727
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0097				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0025	0.0025	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0028	0.0028	0.0097				7147727
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.0097				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0310	0.0022	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0097				7147727
22'45-TetraCB-(48)	ng/g	<0.0026	0.0026	0.0097				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0230	0.0022	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0843	0.0024	0.0097				7147727
22'66'-TetraCB-(54)	ng/g	<0.0026	0.0026	0.0097				7147727
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0097				7147727
233'4'-Tetra CB(56)	ng/g	0.0076	0.0018	0.0097				7147727
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0097				7147727
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0097				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0142	0.0018	0.0097				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.122	0.0017	0.039				7147727
234'5-TetraCB-(63)	ng/g	0.0047	0.0017	0.0097				7147727
234'6-TetraCB-(64)	ng/g	0.0151	0.0018	0.0097				7147727
23'44'-TetraCB-(66)	ng/g	0.0716	0.0018	0.0097				7147727
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0097				7147727
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0097				7147727
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0097				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0097				7147727
33'44'-TetraCB-(77)	ng/g	0.0057	0.0024	0.0097	0.000100	0.000000570		7147727
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0097				7147727
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0097				7147727
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0097				7147727
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0097	0.000300	0.000000720		7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0020	0.0020	0.0097				7147727
PentaCB-(83)+(99)	ng/g	0.166	0.0018	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0089	0.0020	0.0097				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0289	0.0014	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0557	0.0015	0.058				7147727
PentaCB-(88)+(91)	ng/g	0.0078	0.0018	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0019	0.0019	0.0097				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.208	0.0015	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0434	0.0018	0.0097				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0017	0.0017	0.039				7147727
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.0097				7147727
22'35'6-PentaCB-(95)	ng/g	0.0647	0.0018	0.0097				7147727
22'366'-PentaCB-(96)	ng/g	<0.0029	0.0029	0.0097				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0016	0.0016	0.0097				7147727
22'466'-PentaCB-(104)	ng/g	<0.0014	0.0014	0.0097				7147727
233'44'-PentaCB-(105)	ng/g	0.101	0.0020	0.0097	0.0000300	0.00000303		7147727
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0097				7147727
233'4'5-PentaCB-(107)	ng/g	0.0219	0.0015	0.0097				7147727
PentaCB-(108)+(124)	ng/g	<0.0061 (1)	0.0061	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.166	0.0015	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0013	0.0013	0.0097				7147727
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.0097				7147727
2344'5-PentaCB-(114)	ng/g	0.0060	0.0020	0.0097	0.0000300	0.000000180		7147727
23'44'5-PentaCB-(118)	ng/g	0.285	0.0020	0.0097	0.0000300	0.00000855		7147727
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0097				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0013	0.0013	0.0097				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0097				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0022	0.0022	0.0097	0.0000300	0.0000000660		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.0097	0.100	0.000190		7147727
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0097				7147727
HexaCB-(128)+(166)	ng/g	0.0387	0.0026	0.019				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.396	0.0027	0.029				7147727

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0155	0.0034	0.0097				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.0097				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0256	0.0033	0.0097				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0070	0.0031	0.0097				7147727
HexaCB-(134)+(143)	ng/g	<0.0033	0.0033	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0623	0.0081	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0072	0.0061	0.0097				7147727
22'344'5-HexaCB-(137)	ng/g	0.0192	0.0036	0.0097				7147727
HexaCB-(139)+(140)	ng/g	<0.0028	0.0028	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0248	0.0028	0.0097				7147727
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0097				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0081	0.0081	0.0097				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0063	0.0063	0.0097				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0654	0.0027	0.0097				7147727
HexaCB-(147)+(149)	ng/g	0.0913	0.0029	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0081	0.0081	0.0097				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0059	0.0059	0.0097				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0060	0.0060	0.0097				7147727
HexaCB-(153)+(168)	ng/g	0.424	0.0023	0.0097				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0068	0.0068	0.0097				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0030	0.0030	0.0097				7147727
HexaCB-(156)+(157)	ng/g	0.0316	0.0030	0.019	0.0000300	0.000000948		7147727
233'44'6-HexaCB-(158)	ng/g	0.0250 (1)	0.0020	0.0097				7147727
233'455'-HexaCB-(159)	ng/g	<0.0025	0.0025	0.0097				7147727
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0097				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0097				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.0097				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.0105	0.0020	0.0097				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.0097				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0121	0.0029	0.0097	0.0000300	0.000000363		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0097	0.0300	0.0000930		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0231	0.0019	0.0097				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0106	0.0025	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0045	0.0026	0.0097				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0117	0.0023	0.0097				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0052	0.0052	0.0097				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0039	0.0039	0.0097				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0112	0.0026	0.0097				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0162	0.0056	0.0097				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0111	0.0039	0.0097				7147727
HeptaCB-(180)+(193)	ng/g	0.0726	0.0020	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0097				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0050	0.0050	0.0097				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0257	0.0029	0.0097				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0038	0.0038	0.0097				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0020	0.0020	0.0097				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.0097				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0764	0.0050	0.0097				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0097				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.0097	0.0000300	0.0000000750		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0060	0.0020	0.0097				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0097				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0097				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0064	0.0037	0.0097				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0039	0.0039	0.0097				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0097	0.0097	0.0097				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0072	0.0072	0.0097				7147727
OctaCB-(198)+(199)	ng/g	<0.0094	0.0094	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0064	0.0064	0.0097				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0069	0.0069	0.0097				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0056	0.0056	0.0097				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0087	0.0087	0.0097				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0070	0.0070	0.0097				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0097				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0037	0.0037	0.0097				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.0097				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0097				7147727
DecaCB-(209)	ng/g	<0.0069	0.0069	0.0097				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000298		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	104						7147727
C13-22'33'44'5-HeptaCB-(170)	%	104						7147727
C13-22'33'455'66'-NonaCB-(208)	%	114						7147727
C13-22'33'55'66'-OctaCB-(202)	%	127						7147727
C13-22'33'55'6-HeptaCB-(178)	%	115						7147727
C13-22'344'55'-HeptaCB-(180)	%	104						7147727
C13-22'34'566'-HeptaCB-(188)	%	106						7147727
C13-22'44'66'-HexaCB-(155)	%	106						7147727
C13-22'466'-PentaCB-(104)	%	101						7147727
C13-22'66'-TetraCB-(54)	%	95						7147727
C13-22'6-TriCB-(19)	%	83						7147727
C13-22'-DiCB-(4)	%	83						7147727
C13-233'44'55'6-OctaCB-(205)	%	88						7147727
C13-233'44'55'-HeptaCB-(189)	%	79						7147727
C13-233'44'-PentaCB-(105)	%	69						7147727
C13-233'55'-PentaCB-(111)	%	84						7147727
C13-23'44'55'-HexaCB-(167)	%	71						7147727
C13-2344'5-PentaCB-(114)	%	69						7147727
C13-23'44'5-PentaCB-(118)	%	71						7147727
C13-2'344'5-PentaCB-(123)	%	71						7147727
C13-2-MonoCB-(1)	%	53						7147727
C13-33'44'55'-HexaCB-(169)	%	47						7147727
C13-33'44'5-PentaCB-(126)	%	65						7147727
C13-33'44'-TetraCB-(77)	%	60						7147727
C13-344'5-TetraCB-(81)	%	63						7147727
C13-344'-TriCB-(37)	%	62						7147727
C13-44'-DiCB-(15)	%	70						7147727

EDL = Estimated Detection Limit
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	53						7147727
C13-DecaCB-(209)	%	124						7147727
C13-HexaCB-(156)+(157)	%	68						7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00058	0.00058	0.0095				7147727
3-MonoCB-(2)	ng/g	<0.00055	0.00055	0.0095				7147727
4-MonoCB-(3)	ng/g	<0.00058	0.00058	0.0095				7147727
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0095				7147727
2,3-DiCB-(5)	ng/g	<0.0013	0.0013	0.0095				7147727
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0095				7147727
2,4-DiCB-(7)	ng/g	<0.0010	0.0010	0.0095				7147727
2,4'-DiCB-(8)	ng/g	<0.00090	0.00090	0.0095				7147727
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0095				7147727
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.0095				7147727
3,3'-DiCB-(11)	ng/g	0.0093	0.0011	0.0095				7147727
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.0095				7147727
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.0095				7147727
22'3-TriCB-(16)	ng/g	<0.0027	0.0027	0.0095				7147727
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0095				7147727
TriCB-(18)+(30)	ng/g	<0.0022 (1)	0.0022	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0095				7147727
TriCB-(20) + (28)	ng/g	0.0159	0.00092	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.00095	0.00095	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0030 (1)	0.0030	0.0095				7147727
235-TriCB-(23)	ng/g	<0.00096	0.00096	0.0095				7147727
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0095				7147727
23'4-TriCB-(25)	ng/g	<0.00087	0.00087	0.0095				7147727
TriCB-(26)+(29)	ng/g	0.00266	0.00097	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0095				7147727
24'5-TriCB-(31)	ng/g	0.0153	0.00092	0.0095				7147727
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0095				7147727
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0095				7147727
33'4-TriCB-(35)	ng/g	<0.00099	0.00099	0.0095				7147727
33'5-TriCB-(36)	ng/g	<0.00087	0.00087	0.0095				7147727

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0095				7147727
345-TriCB-(38)	ng/g	<0.00097	0.00097	0.0095				7147727
34'5-TriCB-(39)	ng/g	<0.00094	0.00094	0.0095				7147727
TetraCB-(40)+(41)+(71)	ng/g	0.0034	0.0022	0.029				7147727
22'34'-TetraCB-(42)	ng/g	0.0028	0.0025	0.0095				7147727
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.0095				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0288	0.0020	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0027	0.0027	0.0095				7147727
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.0095				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0226	0.0019	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0687	0.0021	0.0095				7147727
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0095				7147727
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0095				7147727
233'4'-Tetra CB(56)	ng/g	0.0084	0.0024	0.0095				7147727
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0095				7147727
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0095				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0022	0.0017	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0108	0.0024	0.0095				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0875	0.0022	0.038				7147727
234'5-TetraCB-(63)	ng/g	0.0031	0.0022	0.0095				7147727
234'6-TetraCB-(64)	ng/g	0.0136 (1)	0.0016	0.0095				7147727
23'44'-TetraCB-(66)	ng/g	0.0468	0.0024	0.0095				7147727
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0095				7147727
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.0095				7147727
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.0095				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0095				7147727
33'44'-TetraCB-(77)	ng/g	<0.0032	0.0032	0.0095	0.000100	0.000000320		7147727
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.0095				7147727
33'45'-TetraCB(79)	ng/g	<0.0021	0.0021	0.0095				7147727
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0095				7147727

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0032	0.0032	0.0095	0.000300	0.000000960		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0095				7147727
PentaCB-(83)+(99)	ng/g	0.118	0.0025	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0094	0.0028	0.0095				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0215	0.0019	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0475	0.0021	0.057				7147727
PentaCB-(88)+(91)	ng/g	0.0064	0.0024	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0095				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.145	0.0021	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0305	0.0025	0.0095				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.038				7147727
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0095				7147727
22'35'6-PentaCB-(95)	ng/g	0.0608	0.0024	0.0095				7147727
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.0095				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0095				7147727
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0095				7147727
233'44'-PentaCB-(105)	ng/g	0.0562	0.0015	0.0095	0.0000300	0.00000169		7147727
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0095				7147727
233'4'5-PentaCB-(107)	ng/g	0.0143	0.0011	0.0095				7147727
PentaCB-(108)+(124)	ng/g	0.0043	0.0012	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.128	0.0020	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0095				7147727
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0095				7147727
2344'5-PentaCB-(114)	ng/g	0.0038	0.0015	0.0095	0.0000300	0.000000114		7147727
23'44'5-PentaCB-(118)	ng/g	0.158	0.0015	0.0095	0.0000300	0.00000474		7147727
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0095				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0095				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0095				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0095	0.0000300	0.0000000480		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0095	0.100	0.000140		7147727
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0095				7147727
HexaCB-(128)+(166)	ng/g	0.0201	0.0046	0.019				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.223	0.0049	0.029				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.0073 (1)	0.0073	0.0095				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0061	0.0061	0.0095				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0196	0.0059	0.0095				7147727
22'33'55'-HexaCB-(133)	ng/g	<0.0056	0.0056	0.0095				7147727
HexaCB-(134)+(143)	ng/g	<0.0058	0.0058	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0454	0.0074	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0073	0.0055	0.0095				7147727
22'344'5-HexaCB-(137)	ng/g	0.0105	0.0064	0.0095				7147727
HexaCB-(139)+(140)	ng/g	<0.0049	0.0049	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0164	0.0051	0.0095				7147727
22'3456-HexaCB-(142)	ng/g	<0.0058	0.0058	0.0095				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0073	0.0073	0.0095				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0057	0.0057	0.0095				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0375	0.0049	0.0095				7147727
HexaCB-(147)+(149)	ng/g	0.0618	0.0053	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0074	0.0074	0.0095				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0054	0.0054	0.0095				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0054	0.0054	0.0095				7147727
HexaCB-(153)+(168)	ng/g	0.248	0.0042	0.0095				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0062	0.0062	0.0095				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0027	0.0027	0.0095				7147727
HexaCB-(156)+(157)	ng/g	0.0170	0.0027	0.019	0.0000300	0.000000510		7147727
233'44'6-HexaCB-(158)	ng/g	0.0153	0.0036	0.0095				7147727
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.0095				7147727
233'456-HexaCB-(160)	ng/g	<0.0039	0.0039	0.0095				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0038	0.0038	0.0095				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.0095				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.0072	0.0035	0.0095				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0043	0.0043	0.0095				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0075	0.0026	0.0095	0.0000300	0.000000225		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0027	0.0027	0.0095	0.0300	0.0000810		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0121	0.0040	0.0095				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0065	0.0052	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	<0.0054	0.0054	0.0095				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0083	0.0049	0.0095				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0067	0.0067	0.0095				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0051	0.0051	0.0095				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0076	0.0053	0.0095				7147727
22'33'55'6-HeptaCB-(178)	ng/g	<0.0073 (1)	0.0073	0.0095				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0078	0.0050	0.0095				7147727
HeptaCB-(180)+(193)	ng/g	0.0382	0.0041	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0051	0.0051	0.0095				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0065	0.0065	0.0095				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0192 (1)	0.0060	0.0095				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0049	0.0049	0.0095				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.0095				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0052	0.0052	0.0095				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0446	0.0065	0.0095				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.0095				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0036	0.0036	0.0095	0.0000300	0.000000108		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0041	0.0041	0.0095				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0040	0.0040	0.0095				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0042	0.0042	0.0095				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0045	0.0045	0.0095				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0095				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0072	0.0072	0.0095				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0053	0.0053	0.0095				7147727
OctaCB-(198)+(199)	ng/g	<0.0070	0.0070	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0047	0.0047	0.0095				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0051	0.0051	0.0095				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041	0.0041	0.0095				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0064	0.0064	0.0095				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0052	0.0052	0.0095				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0049	0.0049	0.0095				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.0095				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0048	0.0048	0.0095				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0056	0.0056	0.0095				7147727
DecaCB-(209)	ng/g	<0.0084	0.0084	0.0095				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000230		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	99						7147727
C13-22'33'44'5-HeptaCB-(170)	%	100						7147727
C13-22'33'455'66'-NonaCB-(208)	%	108						7147727
C13-22'33'55'66'-OctaCB-(202)	%	121						7147727
C13-22'33'55'6-HeptaCB-(178)	%	108						7147727
C13-22'344'55'-HeptaCB-(180)	%	101						7147727
C13-22'34'566'-HeptaCB-(188)	%	105						7147727
C13-22'44'66'-HexaCB-(155)	%	103						7147727
C13-22'466'-PentaCB-(104)	%	101						7147727
C13-22'66'-TetraCB-(54)	%	91						7147727
C13-22'6-TriCB-(19)	%	81						7147727
C13-22'-DiCB-(4)	%	82						7147727
C13-233'44'55'6-OctaCB-(205)	%	86						7147727
C13-233'44'55'-HeptaCB-(189)	%	76						7147727
C13-233'44'-PentaCB-(105)	%	67						7147727
C13-233'55'-PentaCB-(111)	%	81						7147727
C13-23'44'55'-HexaCB-(167)	%	65						7147727
C13-2344'5-PentaCB-(114)	%	66						7147727
C13-23'44'5-PentaCB-(118)	%	68						7147727
C13-2'344'5-PentaCB-(123)	%	69						7147727
C13-2-MonoCB-(1)	%	56						7147727
C13-33'44'55'-HexaCB-(169)	%	48						7147727
C13-33'44'5-PentaCB-(126)	%	58						7147727
C13-33'44'-TetraCB-(77)	%	61						7147727
C13-344'5-TetraCB-(81)	%	61						7147727
C13-344'-TriCB-(37)	%	60						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	71						7147727
C13-4-MonoCB-(3)	%	53						7147727
C13-DecaCB-(209)	%	127						7147727
C13-HexaCB-(156)+(157)	%	65						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00062	0.00062	0.0098				7147727
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0098				7147727
4-MonoCB-(3)	ng/g	<0.00062	0.00062	0.0098				7147727
22'-DiCB-(4)	ng/g	<0.0046	0.0046	0.0098				7147727
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.0098				7147727
2,3'-DiCB-(6)	ng/g	<0.0021	0.0021	0.0098				7147727
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.0098				7147727
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0098				7147727
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.0098				7147727
2,6-DiCB-(10)	ng/g	<0.0060	0.0060	0.0098				7147727
3,3'-DiCB-(11)	ng/g	<0.0023	0.0023	0.0098				7147727
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020				7147727
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0098				7147727
4,4'-DiCB-(15)	ng/g	<0.0035	0.0035	0.0098				7147727
22'3-TriCB-(16)	ng/g	<0.0042	0.0042	0.0098				7147727
22'4-TriCB-(17)	ng/g	<0.0027	0.0027	0.0098				7147727
TriCB-(18)+(30)	ng/g	<0.0022	0.0022	0.020				7147727
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0098				7147727
TriCB-(20) + (28)	ng/g	0.0091	0.0011	0.020				7147727
TriCB-(21)+(33)	ng/g	<0.0010	0.0010	0.020				7147727
234'-TriCB-(22)	ng/g	0.0015	0.0012	0.0098				7147727
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0098				7147727
236-TriCB-(24)	ng/g	<0.0017	0.0017	0.0098				7147727
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0098				7147727
TriCB-(26)+(29)	ng/g	0.0013	0.0011	0.020				7147727
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0098				7147727
24'5-TriCB-(31)	ng/g	0.0069	0.0011	0.0098				7147727
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0098				7147727
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0098				7147727
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0098				7147727
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0098				7147727
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.0098				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0098				7147727
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0098				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0015	0.0015	0.0098				7147727
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0098				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0291	0.0013	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.020				7147727
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0098				7147727
22'45-TetraCB-(48)	ng/g	<0.0014	0.0014	0.0098				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0161	0.0012	0.020				7147727
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.020				7147727
22'55'-TetraCB-(52)	ng/g	0.0721	0.0015	0.0098				7147727
22'66'-TetraCB-(54)	ng/g	<0.00094	0.00094	0.0098				7147727
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0098				7147727
233'4'-Tetra CB(56)	ng/g	0.0035	0.0015	0.0098				7147727
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0098				7147727
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0098				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0033 (1)	0.0033	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0175	0.0015	0.0098				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.122	0.0014	0.039				7147727
234'5-TetraCB-(63)	ng/g	<0.0021 (1)	0.0021	0.0098				7147727
234'6-TetraCB-(64)	ng/g	0.0104 (1)	0.0011	0.0098				7147727
23'44'-TetraCB-(66)	ng/g	0.0683	0.0014	0.0098				7147727
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0098				7147727
23'45'-TetraCB-(68)	ng/g	<0.0024 (1)	0.0024	0.0098				7147727
23'55'-TetraCB-(72)	ng/g	0.0022	0.0014	0.0098				7147727
23'5'6-TetraCB-(73)	ng/g	<0.00098	0.00098	0.0098				7147727
33'44'-TetraCB-(77)	ng/g	0.0021	0.0019	0.0098	0.000100	0.000000210		7147727
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0098				7147727
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0098				7147727
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0098				7147727
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570		7147727

EDL = Estimated Detection Limit

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0098				7147727
PentaCB-(83)+(99)	ng/g	0.432	0.0017	0.020				7147727
22'33'6-PentaCB-(84)	ng/g	0.0039	0.0017	0.0098				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0666	0.0013	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0661	0.0013	0.059				7147727
PentaCB-(88)+(91)	ng/g	0.0033	0.0016	0.020				7147727
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0098				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.240	0.0014	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0726	0.0016	0.0098				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0016	0.0016	0.039				7147727
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0098				7147727
22'35'6-PentaCB-(95)	ng/g	0.0542	0.0016	0.0098				7147727
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0098				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0098				7147727
22'466'-PentaCB-(104)	ng/g	<0.00061	0.00061	0.0098				7147727
233'44'-PentaCB-(105)	ng/g	0.186	0.0024	0.0098	0.0000300	0.00000558		7147727
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0098				7147727
233'4'5-PentaCB-(107)	ng/g	0.0345 (1)	0.0019	0.0098				7147727
PentaCB-(108)+(124)	ng/g	0.0115	0.0019	0.020				7147727
PentaCB-(110)+(115)	ng/g	0.164	0.0012	0.020				7147727
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0098				7147727
233'56-PentaCB-(112)	ng/g	<0.0011	0.0011	0.0098				7147727
2344'5-PentaCB-(114)	ng/g	0.0120	0.0024	0.0098	0.0000300	0.000000360		7147727
23'44'5-PentaCB-(118)	ng/g	0.590	0.0023	0.0098	0.0000300	0.0000177		7147727
23'455'-PentaCB-(120)	ng/g	0.0032	0.0011	0.0098				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0098				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0098				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0040	0.0026	0.0098	0.0000300	0.000000120		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0098	0.100	0.000230		7147727
33'455'-PentaCB-(127)	ng/g	<0.0019	0.0019	0.0098				7147727
HexaCB-(128)+(166)	ng/g	0.131	0.0026	0.020				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.984	0.0026	0.029				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0045	0.0034	0.0098				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0034	0.0034	0.0098				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0149	0.0032	0.0098				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0219	0.0031	0.0098				7147727
HexaCB-(134)+(143)	ng/g	0.0047	0.0032	0.020				7147727
HexaCB-(135)+(151)	ng/g	0.124	0.0012	0.020				7147727
22'33'66'-HexaCB-(136)	ng/g	0.00995	0.00092	0.0098				7147727
22'344'5-HexaCB-(137)	ng/g	0.0601	0.0038	0.0098				7147727
HexaCB-(139)+(140)	ng/g	0.0121	0.0028	0.020				7147727
22'3455'-HexaCB-(141)	ng/g	0.0550	0.0027	0.0098				7147727
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0098				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0068 (1)	0.0068	0.0098				7147727
22'3466'-HexaCB-(145)	ng/g	<0.00094	0.00094	0.0098				7147727
22'34'55'-HexaCB-(146)	ng/g	0.105	0.0029	0.0098				7147727
HexaCB-(147)+(149)	ng/g	0.0355	0.0031	0.020				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0012	0.0012	0.0098				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.00090	0.00090	0.0098				7147727
22'3566'-HexaCB-(152)	ng/g	<0.00088	0.00088	0.0098				7147727
HexaCB-(153)+(168)	ng/g	1.41	0.0023	0.0098				7147727
22'44'56'-HexaCB-(154)	ng/g	0.0148	0.0010	0.0098				7147727
22'44'66'-HexaCB-(155)	ng/g	0.00295	0.00046	0.0098				7147727
HexaCB-(156)+(157)	ng/g	0.0645	0.0017	0.020	0.0000300	0.00000194		7147727
233'44'6-HexaCB-(158)	ng/g	0.0628	0.0020	0.0098				7147727
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0098				7147727
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0098				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0098				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0098				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.0076	0.0019	0.0098				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.0098				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0283	0.0016	0.0098	0.0000300	0.000000849		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0098	0.0300	0.0000510		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0677	0.0021	0.0098				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0268	0.0027	0.020				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0147	0.0028	0.0098				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0138	0.0025	0.0098				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0037	0.0037	0.0098				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0028	0.0028	0.0098				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0027	0.0027	0.0098				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0439	0.0038	0.0098				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0193	0.0027	0.0098				7147727
HeptaCB-(180)+(193)	ng/g	0.210	0.0021	0.020				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0098				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0035	0.0035	0.0098				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0790	0.0027	0.0098				7147727
22'344'66'-HeptaCB-(184)	ng/g	0.0033	0.0026	0.0098				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.0098				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0028	0.0028	0.0098				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.130	0.0033	0.0098				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0020	0.0020	0.0098				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.0098	0.0000300	0.0000000780		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0120	0.0021	0.0098				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0032 (1)	0.0032	0.0098				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0098				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0170	0.0015	0.0098				7147727
22'33'44'56-OctaCB-(195)	ng/g	0.0058	0.0017	0.0098				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.011 (1)	0.011	0.0098				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.0098				7147727
OctaCB-(198)+(199)	ng/g	0.0257	0.0047	0.020				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0031	0.0031	0.0098				7147727
22'33'45'66'-OctaCB-(201)	ng/g	0.0044	0.0034	0.0098				7147727
22'33'55'66'-OctaCB-(202)	ng/g	0.0130	0.0028	0.0098				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.015 (1)	0.015	0.0098				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0035	0.0035	0.0098				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0017	0.0017	0.0098				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0028	0.0028	0.0098				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0098				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.0098				7147727
DecaCB-(209)	ng/g	0.0022	0.0021	0.0098				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000308		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	59						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	100						7147727
C13-22'33'44'5-HeptaCB-(170)	%	99						7147727
C13-22'33'455'66'-NonaCB-(208)	%	107						7147727
C13-22'33'55'66'-OctaCB-(202)	%	126						7147727
C13-22'33'55'6-HeptaCB-(178)	%	105						7147727
C13-22'344'55'-HeptaCB-(180)	%	101						7147727
C13-22'34'566'-HeptaCB-(188)	%	103						7147727
C13-22'44'66'-HexaCB-(155)	%	101						7147727
C13-22'466'-PentaCB-(104)	%	102						7147727
C13-22'66'-TetraCB-(54)	%	91						7147727
C13-22'6-TriCB-(19)	%	76						7147727
C13-22'-DiCB-(4)	%	77						7147727
C13-233'44'55'6-OctaCB-(205)	%	89						7147727
C13-233'44'55'-HeptaCB-(189)	%	78						7147727
C13-233'44'-PentaCB-(105)	%	66						7147727
C13-233'55'-PentaCB-(111)	%	79						7147727
C13-23'44'55'-HexaCB-(167)	%	67						7147727
C13-2344'5-PentaCB-(114)	%	67						7147727
C13-23'44'5-PentaCB-(118)	%	68						7147727
C13-2'344'5-PentaCB-(123)	%	70						7147727
C13-2-MonoCB-(1)	%	47						7147727
C13-33'44'55'-HexaCB-(169)	%	47						7147727
C13-33'44'5-PentaCB-(126)	%	62						7147727
C13-33'44'-TetraCB-(77)	%	60						7147727
C13-344'5-TetraCB-(81)	%	59						7147727
C13-344'-TriCB-(37)	%	62						7147727

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	70						7147727
C13-4-MonoCB-(3)	%	49						7147727
C13-DecaCB-(209)	%	122						7147727
C13-HexaCB-(156)+(157)	%	65						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00096	0.00096	0.0097				7147727
3-MonoCB-(2)	ng/g	<0.00092	0.00092	0.0097				7147727
4-MonoCB-(3)	ng/g	<0.00096	0.00096	0.0097				7147727
22'-DiCB-(4)	ng/g	<0.0054	0.0054	0.0097				7147727
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.0097				7147727
2,3'-DiCB-(6)	ng/g	<0.0019	0.0019	0.0097				7147727
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.0097				7147727
2,4'-DiCB-(8)	ng/g	<0.0018	0.0018	0.0097				7147727
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0097				7147727
2,6-DiCB-(10)	ng/g	<0.0071	0.0071	0.0097				7147727
3,3'-DiCB-(11)	ng/g	0.0114	0.0021	0.0097				7147727
DiCB-(12)+(13)	ng/g	<0.0020	0.0020	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0020	0.0020	0.0097				7147727
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0097				7147727
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0097				7147727
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0097				7147727
TriCB-(18)+(30)	ng/g	<0.0013 (1)	0.0013	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0097				7147727
TriCB-(20) + (28)	ng/g	0.0110	0.0017	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0018	0.0018	0.0097				7147727
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0097				7147727
236-TriCB-(24)	ng/g	<0.00099	0.00099	0.0097				7147727
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.0097				7147727
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0097				7147727
24'5-TriCB-(31)	ng/g	0.0085 (1)	0.0016	0.0097				7147727
24'6-TriCB-(32)	ng/g	<0.0010	0.0010	0.0097				7147727
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0097				7147727
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0097				7147727
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0097				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.0097				7147727
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0097				7147727
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0097				7147727
TetraCB-(40)+(41)+(71)	ng/g	0.0024	0.0016	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0017	0.0017	0.0097				7147727
22'35-TetraCB-(43)	ng/g	<0.0021	0.0021	0.0097				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0266	0.0015	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0097				7147727
22'45-TetraCB-(48)	ng/g	<0.0016	0.0016	0.0097				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0184	0.0014	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0623	0.0017	0.0097				7147727
22'66'-TetraCB-(54)	ng/g	<0.00076	0.00076	0.0097				7147727
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.0097				7147727
233'4'-Tetra CB(56)	ng/g	0.0060	0.0025	0.0097				7147727
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.0097				7147727
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0097				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0028	0.0012	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0128	0.0025	0.0097				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0918	0.0023	0.039				7147727
234'5-TetraCB-(63)	ng/g	0.0036	0.0024	0.0097				7147727
234'6-TetraCB-(64)	ng/g	0.0124 (1)	0.0012	0.0097				7147727
23'44'-TetraCB-(66)	ng/g	0.0563	0.0024	0.0097				7147727
23'45-TetraCB-(67)	ng/g	<0.0023	0.0023	0.0097				7147727
23'45'-TetraCB-(68)	ng/g	<0.0023	0.0023	0.0097				7147727
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.0097				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0097				7147727
33'44'-TetraCB-(77)	ng/g	<0.0033	0.0033	0.0097	0.000100	0.000000330		7147727
33'45-TetraCB-(78)	ng/g	<0.0025	0.0025	0.0097				7147727
33'45'-TetraCB(79)	ng/g	<0.0022	0.0022	0.0097				7147727
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.0097				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0033	0.0033	0.0097	0.000300	0.000000990		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0024	0.0024	0.0097				7147727
PentaCB-(83)+(99)	ng/g	0.200	0.0023	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0052	0.0024	0.0097				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0384	0.0017	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0446	0.0018	0.058				7147727
PentaCB-(88)+(91)	ng/g	0.0047	0.0022	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0097				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.161	0.0018	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0348	0.0022	0.0097				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0021	0.0021	0.039				7147727
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.0097				7147727
22'35'6-PentaCB-(95)	ng/g	0.0422	0.0021	0.0097				7147727
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.0097				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0097				7147727
22'466'-PentaCB-(104)	ng/g	<0.00073	0.00073	0.0097				7147727
233'44'-PentaCB-(105)	ng/g	0.101	0.0022	0.0097	0.0000300	0.00000303		7147727
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0097				7147727
233'4'5-PentaCB-(107)	ng/g	<0.019 (1)	0.019	0.0097				7147727
PentaCB-(108)+(124)	ng/g	0.0060	0.0018	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.115	0.0017	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0097				7147727
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0097				7147727
2344'5-PentaCB-(114)	ng/g	<0.0050 (1)	0.0050	0.0097	0.0000300	0.000000150		7147727
23'44'5-PentaCB-(118)	ng/g	0.296	0.0021	0.0097	0.0000300	0.00000888		7147727
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0097				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0097				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0097				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0030 (1)	0.0030	0.0097	0.0000300	0.0000000900		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0097	0.100	0.000210		7147727
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0097				7147727
HexaCB-(128)+(166)	ng/g	0.0598	0.0021	0.019				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.439	0.0022	0.029				7147727
22'33'45'-HexaCB-(130)	ng/g	<0.0076 (1)	0.0076	0.0097				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0097				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0141	0.0027	0.0097				7147727
22'33'55'-HexaCB-(133)	ng/g	<0.0083 (1)	0.0083	0.0097				7147727
HexaCB-(134)+(143)	ng/g	<0.0027 (1)	0.0027	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0503	0.0029	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0035 (1)	0.0035	0.0097				7147727
22'344'5-HexaCB-(137)	ng/g	0.0309	0.0032	0.0097				7147727
HexaCB-(139)+(140)	ng/g	0.0039	0.0023	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	<0.018 (1)	0.018	0.0097				7147727
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.0097				7147727
22'345'6-HexaCB-(144)	ng/g	0.0042	0.0029	0.0097				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0097				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0648	0.0024	0.0097				7147727
HexaCB-(147)+(149)	ng/g	0.0529	0.0026	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.0097				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0097				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.0097				7147727
HexaCB-(153)+(168)	ng/g	0.567	0.0020	0.0097				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0059 (1)	0.0059	0.0097				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0097				7147727
HexaCB-(156)+(157)	ng/g	0.0321	0.0029	0.019	0.0000300	0.000000963		7147727
233'44'6-HexaCB-(158)	ng/g	0.0309	0.0017	0.0097				7147727
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.0097				7147727
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.0097				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0097				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0023	0.0023	0.0097				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0036 (1)	0.0036	0.0097				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0020	0.0020	0.0097				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0149	0.0028	0.0097	0.0000300	0.000000447		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0029	0.0029	0.0097	0.0300	0.0000870		7147727

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0362 (1)	0.0017	0.0097				7147727
HeptaCB-(171)+(173)	ng/g	0.0112	0.0022	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0063	0.0023	0.0097				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0077	0.0021	0.0097				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0048	0.0048	0.0097				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.0097				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0034 (2)	0.0034	0.0097				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0174	0.0049	0.0097				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0081	0.0035	0.0097				7147727
HeptaCB-(180)+(193)	ng/g	0.102	0.0017	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0097				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.0097				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0342	0.0023	0.0097				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.0097				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0097				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0037	0.0037	0.0097				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0597	0.0043	0.0097				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.0097				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.0097	0.0000300	0.0000000750		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0075	0.0017	0.0097				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.0097				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0097				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0127	0.0019	0.0097				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0025 (2)	0.0025	0.0097				7147727
22'33'44'56'-OctaCB-(196)	ng/g	0.0058	0.0041	0.0097				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0031	0.0031	0.0097				7147727
OctaCB-(198)+(199)	ng/g	0.0111	0.0040	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0097				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0029	0.0029	0.0097				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0044 (2)	0.0044	0.0097				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0078 (2)	0.0078	0.0097				7147727

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QC Batch = Quality Control Batch

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'566'-OctaCB-(204)	ng/g	<0.0030	0.0030	0.0097				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.0097				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0035	0.0035	0.0097				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.0097				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0036	0.0036	0.0097				7147727
DecaCB-(209)	ng/g	<0.0067	0.0067	0.0097				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000312		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	91						7147727
C13-22'33'44'5-HeptaCB-(170)	%	91						7147727
C13-22'33'455'66'-NonaCB-(208)	%	98						7147727
C13-22'33'55'66'-OctaCB-(202)	%	108						7147727
C13-22'33'55'6-HeptaCB-(178)	%	113						7147727
C13-22'344'55'-HeptaCB-(180)	%	90						7147727
C13-22'34'566'-HeptaCB-(188)	%	93						7147727
C13-22'44'66'-HexaCB-(155)	%	89						7147727
C13-22'466'-PentaCB-(104)	%	87						7147727
C13-22'66'-TetraCB-(54)	%	84						7147727
C13-22'6-TriCB-(19)	%	75						7147727
C13-22'-DiCB-(4)	%	71						7147727
C13-233'44'55'6-OctaCB-(205)	%	79						7147727
C13-233'44'55'-HeptaCB-(189)	%	72						7147727
C13-233'44'-PentaCB-(105)	%	65						7147727
C13-233'55'-PentaCB-(111)	%	82						7147727
C13-23'44'55'-HexaCB-(167)	%	63						7147727
C13-2344'5-PentaCB-(114)	%	63						7147727
C13-23'44'5-PentaCB-(118)	%	65						7147727
C13-2'344'5-PentaCB-(123)	%	64						7147727
C13-2-MonoCB-(1)	%	45						7147727
C13-33'44'55'-HexaCB-(169)	%	43						7147727
C13-33'44'5-PentaCB-(126)	%	61						7147727
C13-33'44'-TetraCB-(77)	%	56						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'5-TetraCB-(81)	%	58						7147727
C13-344'-TriCB-(37)	%	57						7147727
C13-44'-DiCB-(15)	%	64						7147727
C13-4-MonoCB-(3)	%	45						7147727
C13-DecaCB-(209)	%	112						7147727
C13-HexaCB-(156)+(157)	%	63						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051	0.00051	0.0093				7147727
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0093				7147727
4-MonoCB-(3)	ng/g	<0.00051	0.00051	0.0093				7147727
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.0093				7147727
2,3-DiCB-(5)	ng/g	<0.0023	0.0023	0.0093				7147727
2,3'-DiCB-(6)	ng/g	<0.0021	0.0021	0.0093				7147727
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.0093				7147727
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0093				7147727
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.0093				7147727
2,6-DiCB-(10)	ng/g	<0.0058	0.0058	0.0093				7147727
3,3'-DiCB-(11)	ng/g	0.0088 (1)	0.0022	0.0093				7147727
DiCB-(12)+(13)	ng/g	<0.0021	0.0021	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0021	0.0021	0.0093				7147727
4,4'-DiCB-(15)	ng/g	<0.0034	0.0034	0.0093				7147727
22'3-TriCB-(16)	ng/g	<0.0032	0.0032	0.0093				7147727
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0093				7147727
TriCB-(18)+(30)	ng/g	0.0019	0.0016	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0093				7147727
TriCB-(20) + (28)	ng/g	0.00962	0.00084	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.00081	0.00081	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0015 (1)	0.0015	0.0093				7147727
235-TriCB-(23)	ng/g	<0.00090	0.00090	0.0093				7147727
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0093				7147727
23'4-TriCB-(25)	ng/g	<0.00080	0.00080	0.0093				7147727
TriCB-(26)+(29)	ng/g	<0.00098 (1)	0.00098	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0093				7147727
24'5-TriCB-(31)	ng/g	0.00740 (1)	0.00082	0.0093				7147727
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0093				7147727
23'5'-TriCB-(34)	ng/g	<0.00089	0.00089	0.0093				7147727
33'4-TriCB-(35)	ng/g	<0.00087	0.00087	0.0093				7147727
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.0093				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0093				7147727
345-TriCB-(38)	ng/g	<0.00086	0.00086	0.0093				7147727
34'5-TriCB-(39)	ng/g	<0.00082	0.00082	0.0093				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0015	0.0015	0.028				7147727
22'34'-TetraCB-(42)	ng/g	<0.0015	0.0015	0.0093				7147727
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0093				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0231	0.0013	0.028				7147727
TetraCB-(45)+(51)	ng/g	<0.0015	0.0015	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0017	0.0017	0.0093				7147727
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.0093				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0145	0.0013	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0510	0.0016	0.0093				7147727
22'66'-TetraCB-(54)	ng/g	<0.00084	0.00084	0.0093				7147727
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0093				7147727
233'4'-Tetra CB(56)	ng/g	0.0043	0.0018	0.0093				7147727
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0093				7147727
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0093				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0022	0.0011	0.028				7147727
2344'-TetraCB -(60)	ng/g	0.0114	0.0018	0.0093				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0737	0.0017	0.037				7147727
234'5-TetraCB-(63)	ng/g	0.0027	0.0017	0.0093				7147727
234'6-TetraCB-(64)	ng/g	0.0092	0.0011	0.0093				7147727
23'44'-TetraCB-(66)	ng/g	0.0478	0.0017	0.0093				7147727
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0093				7147727
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0093				7147727
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0093				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0010	0.0010	0.0093				7147727
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.0093	0.000100	0.000000240		7147727
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0093				7147727
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0093				7147727
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0093				7147727
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0093	0.000300	0.000000690		7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0021	0.0017	0.0093				7147727
PentaCB-(83)+(99)	ng/g	0.199	0.0016	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0046	0.0017	0.0093				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0331	0.0012	0.028				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0383	0.0013	0.056				7147727
PentaCB-(88)+(91)	ng/g	0.0041	0.0015	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0093				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.132	0.0013	0.028				7147727
22'355'-PentaCB-(92)	ng/g	0.0329	0.0016	0.0093				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.037				7147727
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0093				7147727
22'35'6-PentaCB-(95)	ng/g	0.0345	0.0015	0.0093				7147727
22'366'-PentaCB-(96)	ng/g	<0.00078	0.00078	0.0093				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0093				7147727
22'466'-PentaCB-(104)	ng/g	<0.00039	0.00039	0.0093				7147727
233'44'-PentaCB-(105)	ng/g	0.102	0.0018	0.0093	0.0000300	0.00000306		7147727
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0093				7147727
233'4'5-PentaCB-(107)	ng/g	0.0195	0.0014	0.0093				7147727
PentaCB-(108)+(124)	ng/g	0.0051	0.0015	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.106	0.0012	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0093				7147727
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0093				7147727
2344'5-PentaCB-(114)	ng/g	<0.0047 (1)	0.0047	0.0093	0.0000300	0.000000141		7147727
23'44'5-PentaCB-(118)	ng/g	0.279	0.0018	0.0093	0.0000300	0.00000837		7147727
23'455'-PentaCB-(120)	ng/g	0.0015	0.0011	0.0093				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0093				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0093				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0039	0.0020	0.0093	0.0000300	0.000000117		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.0093	0.100	0.000170		7147727
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0093				7147727
HexaCB-(128)+(166)	ng/g	0.0573	0.0013	0.019				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.419	0.0013	0.028				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0085	0.0017	0.0093				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0017	0.0017	0.0093				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0139	0.0016	0.0093				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0090	0.0015	0.0093				7147727
HexaCB-(134)+(143)	ng/g	<0.0029 (1)	0.0029	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0540	0.0021	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0046	0.0016	0.0093				7147727
22'344'5-HexaCB-(137)	ng/g	0.0256	0.0019	0.0093				7147727
HexaCB-(139)+(140)	ng/g	0.0046	0.0014	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0261	0.0014	0.0093				7147727
22'3456-HexaCB-(142)	ng/g	<0.0016	0.0016	0.0093				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0030 (1)	0.0030	0.0093				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0016	0.0016	0.0093				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0654	0.0014	0.0093				7147727
HexaCB-(147)+(149)	ng/g	0.0450	0.0015	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0021	0.0021	0.0093				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.0093				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.0093				7147727
HexaCB-(153)+(168)	ng/g	0.520	0.0012	0.0093				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0062 (1)	0.0062	0.0093				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.00095 (1)	0.00095	0.0093				7147727
HexaCB-(156)+(157)	ng/g	0.0327	0.0013	0.019	0.0000300	0.000000981		7147727
233'44'6-HexaCB-(158)	ng/g	0.0282	0.0010	0.0093				7147727
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0093				7147727
233'456-HexaCB-(160)	ng/g	<0.0012	0.0012	0.0093				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0010	0.0010	0.0093				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0010	0.0010	0.0093				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.00653	0.00092	0.0093				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0012	0.0012	0.0093				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0135	0.0012	0.0093	0.0000300	0.000000405		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0013	0.0013	0.0093	0.0300	0.0000390		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0278	0.0020	0.0093				7147727

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0116	0.0026	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0058	0.0027	0.0093				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0088	0.0024	0.0093				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0040	0.0040	0.0093				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0093				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0035 (1)	0.0035	0.0093				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0173	0.0042	0.0093				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0074	0.0029	0.0093				7147727
HeptaCB-(180)+(193)	ng/g	0.0846	0.0020	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0093				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0038	0.0038	0.0093				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0322	0.0027	0.0093				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0029	0.0029	0.0093				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.0093				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0031	0.0031	0.0093				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0708	0.0037	0.0093				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0093				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0055	0.0055	0.0093	0.0000300	0.000000165		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0054	0.0020	0.0093				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0093				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0093				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0085	0.0020	0.0093				7147727
22'33'44'56-OctaCB-(195)	ng/g	0.0027	0.0021	0.0093				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0050 (1)	0.0050	0.0093				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0026	0.0026	0.0093				7147727
OctaCB-(198)+(199)	ng/g	0.0125	0.0033	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0093				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0024	0.0024	0.0093				7147727
22'33'55'66'-OctaCB-(202)	ng/g	0.0057	0.0019	0.0093				7147727
22'344'55'6-OctaCB-(203)	ng/g	0.0070	0.0030	0.0093				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.0093				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.0093				7147727

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0029	0.0029	0.0093				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0026	0.0026	0.0093				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0029	0.0029	0.0093				7147727
DecaCB-(209)	ng/g	<0.0027	0.0027	0.0093				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000223		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	103						7147727
C13-22'33'44'5-HeptaCB-(170)	%	102						7147727
C13-22'33'455'66'-NonaCB-(208)	%	106						7147727
C13-22'33'55'66'-OctaCB-(202)	%	122						7147727
C13-22'33'55'6-HeptaCB-(178)	%	107						7147727
C13-22'344'55'-HeptaCB-(180)	%	101						7147727
C13-22'34'566'-HeptaCB-(188)	%	102						7147727
C13-22'44'66'-HexaCB-(155)	%	97						7147727
C13-22'466'-PentaCB-(104)	%	95						7147727
C13-22'66'-TetraCB-(54)	%	89						7147727
C13-22'6-TriCB-(19)	%	81						7147727
C13-22'-DiCB-(4)	%	83						7147727
C13-233'44'55'6-OctaCB-(205)	%	87						7147727
C13-233'44'55'-HeptaCB-(189)	%	78						7147727
C13-233'44'-PentaCB-(105)	%	66						7147727
C13-233'55'-PentaCB-(111)	%	78						7147727
C13-23'44'55'-HexaCB-(167)	%	68						7147727
C13-2344'5-PentaCB-(114)	%	66						7147727
C13-23'44'5-PentaCB-(118)	%	70						7147727
C13-2'344'5-PentaCB-(123)	%	70						7147727
C13-2-MonoCB-(1)	%	55						7147727
C13-33'44'55'-HexaCB-(169)	%	49						7147727
C13-33'44'5-PentaCB-(126)	%	63						7147727
C13-33'44'-TetraCB-(77)	%	59						7147727
C13-344'5-TetraCB-(81)	%	60						7147727
C13-344'-TriCB-(37)	%	60						7147727

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	70						7147727
C13-4-MonoCB-(3)	%	55						7147727
C13-DecaCB-(209)	%	122						7147727
C13-HexaCB-(156)+(157)	%	64						7147727

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00061	0.00061	0.0099				7147727
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0099				7147727
4-MonoCB-(3)	ng/g	<0.00061	0.00061	0.0099				7147727
22'-DiCB-(4)	ng/g	<0.0030	0.0030	0.0099				7147727
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0099				7147727
2,3'-DiCB-(6)	ng/g	<0.0017	0.0017	0.0099				7147727
2,4-DiCB-(7)	ng/g	<0.0018	0.0018	0.0099				7147727
2,4'-DiCB-(8)	ng/g	<0.0016	0.0016	0.0099				7147727
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.0099				7147727
2,6-DiCB-(10)	ng/g	<0.0039	0.0039	0.0099				7147727
3,3'-DiCB-(11)	ng/g	<0.0025	0.0025	0.0099				7147727
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020				7147727
3,5-DiCB-(14)	ng/g	<0.0017	0.0017	0.0099				7147727
4,4'-DiCB-(15)	ng/g	<0.0028	0.0028	0.0099				7147727
22'3-TriCB-(16)	ng/g	<0.0029	0.0029	0.0099				7147727
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099				7147727
TriCB-(18)+(30)	ng/g	<0.0015	0.0015	0.020				7147727
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099				7147727
TriCB-(20) + (28)	ng/g	0.0107	0.0011	0.020				7147727
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020				7147727
234'-TriCB-(22)	ng/g	0.0015	0.0012	0.0099				7147727
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099				7147727
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0099				7147727
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7147727
TriCB-(26)+(29)	ng/g	0.0014	0.0011	0.020				7147727
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0099				7147727
24'5-TriCB-(31)	ng/g	0.0088 (1)	0.0011	0.0099				7147727
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0099				7147727
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099				7147727
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7147727
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0099				7147727

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0018	0.0018	0.0099				7147727
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0099				7147727
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0017	0.0017	0.030				7147727
22'34'-TetraCB-(42)	ng/g	<0.0018	0.0018	0.0099				7147727
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0099				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0185	0.0016	0.030				7147727
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020				7147727
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0099				7147727
22'45-TetraCB-(48)	ng/g	<0.0017	0.0017	0.0099				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0128	0.0015	0.020				7147727
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.020				7147727
22'55'-TetraCB-(52)	ng/g	0.0504	0.0018	0.0099				7147727
22'66'-TetraCB-(54)	ng/g	<0.00092	0.00092	0.0099				7147727
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0099				7147727
233'4'-Tetra CB(56)	ng/g	<0.0033 (1)	0.0033	0.0099				7147727
233'5-TetraCB-(57)	ng/g	<0.0021	0.0021	0.0099				7147727
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0099				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0016 (1)	0.0016	0.030				7147727
2344'-TetraCB -(60)	ng/g	<0.0064 (1)	0.0064	0.0099				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0605	0.0019	0.040				7147727
234'5-TetraCB-(63)	ng/g	<0.0019	0.0019	0.0099				7147727
234'6-TetraCB-(64)	ng/g	0.0089	0.0013	0.0099				7147727
23'44'-TetraCB-(66)	ng/g	0.0381	0.0020	0.0099				7147727
23'45-TetraCB-(67)	ng/g	<0.0019	0.0019	0.0099				7147727
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0099				7147727
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.0099				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0099				7147727
33'44'-TetraCB-(77)	ng/g	<0.0027	0.0027	0.0099	0.000100	0.000000270		7147727
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0099				7147727
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.0099				7147727
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.0099				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0099	0.000300	0.000000810		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0021	0.0021	0.0099				7147727
PentaCB-(83)+(99)	ng/g	0.0884	0.0020	0.020				7147727
22'33'6-PentaCB-(84)	ng/g	0.0047	0.0021	0.0099				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0129	0.0015	0.030				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0288	0.0016	0.059				7147727
PentaCB-(88)+(91)	ng/g	0.0043	0.0019	0.020				7147727
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0099				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.0950	0.0016	0.030				7147727
22'355'-PentaCB-(92)	ng/g	0.0177	0.0020	0.0099				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0019	0.0019	0.040				7147727
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.0099				7147727
22'35'6-PentaCB-(95)	ng/g	0.0380 (1)	0.0019	0.0099				7147727
22'366'-PentaCB-(96)	ng/g	<0.00093	0.00093	0.0099				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.0099				7147727
22'466'-PentaCB-(104)	ng/g	<0.00046	0.00046	0.0099				7147727
233'44'-PentaCB-(105)	ng/g	0.0464	0.0016	0.0099	0.0000300	0.00000139		7147727
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099				7147727
233'4'5-PentaCB-(107)	ng/g	<0.0090 (1)	0.0090	0.0099				7147727
PentaCB-(108)+(124)	ng/g	0.0026	0.0013	0.020				7147727
PentaCB-(110)+(115)	ng/g	0.0819	0.0015	0.020				7147727
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.0099				7147727
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.0099				7147727
2344'5-PentaCB-(114)	ng/g	<0.0023 (1)	0.0023	0.0099	0.0000300	0.0000000690		7147727
23'44'5-PentaCB-(118)	ng/g	0.129	0.0016	0.0099	0.0000300	0.00000387		7147727
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.0099				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0099				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160		7147727
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099				7147727
HexaCB-(128)+(166)	ng/g	0.0138	0.0012	0.020				7147727

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.154	0.0013	0.030				7147727
22'33'45'-HexaCB-(130)	ng/g	<0.0054 (1)	0.0054	0.0099				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0016	0.0016	0.0099				7147727
22'33'46'-HexaCB-(132)	ng/g	<0.0099 (1)	0.0099	0.0099				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0036	0.0015	0.0099				7147727
HexaCB-(134)+(143)	ng/g	<0.0030 (1)	0.0030	0.020				7147727
HexaCB-(135)+(151)	ng/g	0.0293	0.0029	0.020				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0028	0.0022	0.0099				7147727
22'344'5-HexaCB-(137)	ng/g	<0.0042 (1)	0.0042	0.0099				7147727
HexaCB-(139)+(140)	ng/g	<0.0013	0.0013	0.020				7147727
22'3455'-HexaCB-(141)	ng/g	<0.0070 (1)	0.0070	0.0099				7147727
22'3456-HexaCB-(142)	ng/g	<0.0015	0.0015	0.0099				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0029	0.0029	0.0099				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0023	0.0023	0.0099				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0250	0.0014	0.0099				7147727
HexaCB-(147)+(149)	ng/g	0.0504	0.0015	0.020				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0030	0.0030	0.0099				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0022	0.0022	0.0099				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0021	0.0021	0.0099				7147727
HexaCB-(153)+(168)	ng/g	0.166	0.0011	0.0099				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0025	0.0025	0.0099				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099				7147727
HexaCB-(156)+(157)	ng/g	0.0139	0.0017	0.020	0.0000300	0.000000417		7147727
233'44'6-HexaCB-(158)	ng/g	0.0101	0.00097	0.0099				7147727
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0099				7147727
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099				7147727
233'45'6-HexaCB-(161)	ng/g	<0.00099	0.00099	0.0099				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0099				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0020 (1)	0.0020	0.0099				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0011	0.0011	0.0099				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0051	0.0016	0.0099	0.0000300	0.000000153		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0099	0.0300	0.0000510		7147727

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QC Batch = Quality Control Batch

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0099	0.0019	0.0099				7147727
HeptaCB-(171)+(173)	ng/g	0.0043	0.0024	0.020				7147727
22'33'455'-HeptaCB-(172)	ng/g	<0.0025	0.0025	0.0099				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0046	0.0023	0.0099				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0044	0.0044	0.0099				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0050	0.0025	0.0099				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0050	0.0046	0.0099				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0042	0.0032	0.0099				7147727
HeptaCB-(180)+(193)	ng/g	0.0265	0.0019	0.020				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0099				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0099				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0114	0.0025	0.0099				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0099				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0099				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0255	0.0040	0.0099				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.0099	0.0000300	0.0000000510		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0020 (1)	0.0020	0.0099				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0099				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0099				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0041	0.0041	0.0099				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0044	0.0044	0.0099				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0045	0.0045	0.0099				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.0099				7147727
OctaCB-(198)+(199)	ng/g	<0.0043	0.0043	0.020				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.0099				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0031	0.0031	0.0099				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.0099				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0040	0.0040	0.0099				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.0099				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.0099				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0025	0.0025	0.0099				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0099				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.0099				7147727
DecaCB-(209)	ng/g	<0.0033	0.0033	0.0099				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000218		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	106						7147727
C13-22'33'44'5-HeptaCB-(170)	%	103						7147727
C13-22'33'455'66'-NonaCB-(208)	%	114						7147727
C13-22'33'55'66'-OctaCB-(202)	%	126						7147727
C13-22'33'55'6-HeptaCB-(178)	%	109						7147727
C13-22'344'55'-HeptaCB-(180)	%	107						7147727
C13-22'34'566'-HeptaCB-(188)	%	104						7147727
C13-22'44'66'-HexaCB-(155)	%	103						7147727
C13-22'466'-PentaCB-(104)	%	101						7147727
C13-22'66'-TetraCB-(54)	%	94						7147727
C13-22'6-TriCB-(19)	%	79						7147727
C13-22'-DiCB-(4)	%	83						7147727
C13-233'44'55'6-OctaCB-(205)	%	92						7147727
C13-233'44'55'-HeptaCB-(189)	%	83						7147727
C13-233'44'-PentaCB-(105)	%	69						7147727
C13-233'55'-PentaCB-(111)	%	81						7147727
C13-23'44'55'-HexaCB-(167)	%	69						7147727
C13-2344'5-PentaCB-(114)	%	70						7147727
C13-23'44'5-PentaCB-(118)	%	70						7147727
C13-2'344'5-PentaCB-(123)	%	71						7147727
C13-2-MonoCB-(1)	%	56						7147727
C13-33'44'55'-HexaCB-(169)	%	50						7147727
C13-33'44'5-PentaCB-(126)	%	68						7147727
C13-33'44'-TetraCB-(77)	%	60						7147727
C13-344'5-TetraCB-(81)	%	63						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	63						7147727
C13-44'-DiCB-(15)	%	71						7147727
C13-4-MonoCB-(3)	%	53						7147727
C13-DecaCB-(209)	%	129						7147727
C13-HexaCB-(156)+(157)	%	67						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00045	0.00045	0.0094				7147727
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.0094				7147727
4-MonoCB-(3)	ng/g	<0.00045	0.00045	0.0094				7147727
22'-DiCB-(4)	ng/g	<0.0039	0.0039	0.0094				7147727
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.0094				7147727
2,3'-DiCB-(6)	ng/g	<0.0022	0.0022	0.0094				7147727
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.0094				7147727
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0094				7147727
2,5-DiCB-(9)	ng/g	<0.0022	0.0022	0.0094				7147727
2,6-DiCB-(10)	ng/g	<0.0050	0.0050	0.0094				7147727
3,3'-DiCB-(11)	ng/g	0.0093 (1)	0.0023	0.0094				7147727
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0094				7147727
4,4'-DiCB-(15)	ng/g	<0.0035	0.0035	0.0094				7147727
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.0094				7147727
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0094				7147727
TriCB-(18)+(30)	ng/g	<0.0032 (1)	0.0032	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0094				7147727
TriCB-(20) + (28)	ng/g	0.0175	0.00089	0.019				7147727
TriCB-(21)+(33)	ng/g	0.00109	0.00085	0.019				7147727
234'-TriCB-(22)	ng/g	0.00298	0.00094	0.0094				7147727
235-TriCB-(23)	ng/g	<0.00095	0.00095	0.0094				7147727
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0094				7147727
23'4-TriCB-(25)	ng/g	<0.00084	0.00084	0.0094				7147727
TriCB-(26)+(29)	ng/g	0.00194	0.00086	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0094				7147727
24'5-TriCB-(31)	ng/g	0.0138 (1)	0.00086	0.0094				7147727
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0094				7147727
23'5'-TriCB-(34)	ng/g	<0.00094	0.00094	0.0094				7147727
33'4-TriCB-(35)	ng/g	<0.00091	0.00091	0.0094				7147727
33'5-TriCB-(36)	ng/g	<0.00081	0.00081	0.0094				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0094				7147727
345-TriCB-(38)	ng/g	<0.00090	0.00090	0.0094				7147727
34'5-TriCB-(39)	ng/g	<0.00086	0.00086	0.0094				7147727
TetraCB-(40)+(41)+(71)	ng/g	0.0048	0.0012	0.028				7147727
22'34'-TetraCB-(42)	ng/g	<0.0013 (1)	0.0013	0.0094				7147727
22'35-TetraCB-(43)	ng/g	<0.0016	0.0016	0.0094				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0326	0.0011	0.028				7147727
TetraCB-(45)+(51)	ng/g	<0.0013	0.0013	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0014	0.0014	0.0094				7147727
22'45-TetraCB-(48)	ng/g	<0.0012	0.0012	0.0094				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0241	0.0010	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0012	0.0012	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0847	0.0013	0.0094				7147727
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0094				7147727
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0094				7147727
233'4'-Tetra CB(56)	ng/g	0.0092	0.0020	0.0094				7147727
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0094				7147727
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0094				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.00348	0.00093	0.028				7147727
2344'-TetraCB -(60)	ng/g	0.0135	0.0020	0.0094				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.109	0.0018	0.038				7147727
234'5-TetraCB-(63)	ng/g	0.0031	0.0019	0.0094				7147727
234'6-TetraCB-(64)	ng/g	0.0162	0.00092	0.0094				7147727
23'44'-TetraCB-(66)	ng/g	0.0606	0.0019	0.0094				7147727
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.0094				7147727
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.0094				7147727
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0094				7147727
23'5'6-TetraCB-(73)	ng/g	<0.00085	0.00085	0.0094				7147727
33'44'-TetraCB-(77)	ng/g	0.0033	0.0026	0.0094	0.000100	0.000000330		7147727
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0094				7147727
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0094				7147727
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.0094				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.0094	0.000300	0.000000780		7147727
22'33'4-PentaCB-(82)	ng/g	0.0036	0.0022	0.0094				7147727
PentaCB-(83)+(99)	ng/g	0.208	0.0022	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0064 (1)	0.0064	0.0094				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0384	0.0016	0.028				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0505	0.0017	0.057				7147727
PentaCB-(88)+(91)	ng/g	0.0059	0.0020	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0022	0.0022	0.0094				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.175	0.0017	0.028				7147727
22'355'-PentaCB-(92)	ng/g	0.0401	0.0021	0.0094				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.038				7147727
22'356'-PentaCB-(94)	ng/g	<0.0021	0.0021	0.0094				7147727
22'35'6-PentaCB-(95)	ng/g	0.0595	0.0020	0.0094				7147727
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.0094				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0018	0.0018	0.0094				7147727
22'466'-PentaCB-(104)	ng/g	<0.00068	0.00068	0.0094				7147727
233'44'-PentaCB-(105)	ng/g	0.100	0.0032	0.0094	0.0000300	0.00000300		7147727
233'45-PentaCB-(106)	ng/g	<0.0024	0.0024	0.0094				7147727
233'4'5-PentaCB-(107)	ng/g	0.0190	0.0025	0.0094				7147727
PentaCB-(108)+(124)	ng/g	0.0059	0.0026	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.132	0.0016	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0094				7147727
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0094				7147727
2344'5-PentaCB-(114)	ng/g	<0.0059 (1)	0.0059	0.0094	0.0000300	0.000000177		7147727
23'44'5-PentaCB-(118)	ng/g	0.307	0.0032	0.0094	0.0000300	0.00000921		7147727
23'455'-PentaCB-(120)	ng/g	<0.0014	0.0014	0.0094				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0094				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0028	0.0028	0.0094				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0035	0.0035	0.0094	0.0000300	0.000000105		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.0094	0.100	0.000310		7147727
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.0094				7147727
HexaCB-(128)+(166)	ng/g	0.0574	0.0022	0.019				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.437	0.0023	0.028				7147727
22'33'45'-HexaCB-(130)	ng/g	<0.0059 (1)	0.0059	0.0094				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0094				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0167	0.0028	0.0094				7147727
22'33'55'-HexaCB-(133)	ng/g	<0.0082 (1)	0.0082	0.0094				7147727
HexaCB-(134)+(143)	ng/g	0.0052	0.0028	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0620	0.0036	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0063	0.0027	0.0094				7147727
22'344'5-HexaCB-(137)	ng/g	0.0278	0.0034	0.0094				7147727
HexaCB-(139)+(140)	ng/g	0.0052	0.0024	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0268 (1)	0.0024	0.0094				7147727
22'3456-HexaCB-(142)	ng/g	<0.0028	0.0028	0.0094				7147727
22'345'6-HexaCB-(144)	ng/g	0.0053	0.0036	0.0094				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0028	0.0028	0.0094				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0588	0.0025	0.0094				7147727
HexaCB-(147)+(149)	ng/g	0.0542	0.0027	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0037	0.0037	0.0094				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.0094				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0026	0.0026	0.0094				7147727
HexaCB-(153)+(168)	ng/g	0.546	0.0020	0.0094				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0052 (1)	0.0052	0.0094				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0094				7147727
HexaCB-(156)+(157)	ng/g	0.0351	0.0023	0.019	0.0000300	0.00000105		7147727
233'44'6-HexaCB-(158)	ng/g	0.0303	0.0018	0.0094				7147727
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0094				7147727
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0094				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.0094				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.0094				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0045 (1)	0.0045	0.0094				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0094				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0146	0.0022	0.0094	0.0000300	0.000000438		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0094	0.0300	0.0000690		7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0294	0.0034	0.0094				7147727
HeptaCB-(171)+(173)	ng/g	0.0112	0.0043	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0059	0.0045	0.0094				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0081	0.0040	0.0094				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0046	0.0046	0.0094				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0035	0.0035	0.0094				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0049	0.0044	0.0094				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0165	0.0048	0.0094				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0095	0.0033	0.0094				7147727
HeptaCB-(180)+(193)	ng/g	0.0883	0.0033	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0043	0.0043	0.0094				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0094				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0351	0.0044	0.0094				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0033	0.0033	0.0094				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.0094				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.0094				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0561	0.0042	0.0094				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0094				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0094	0.0000300	0.0000000480		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0067	0.0034	0.0094				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0033	0.0033	0.0094				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0035	0.0035	0.0094				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0090	0.0021	0.0094				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.0094				7147727
22'33'44'56'-OctaCB-(196)	ng/g	0.0061	0.0032	0.0094				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0024	0.0024	0.0094				7147727
OctaCB-(198)+(199)	ng/g	<0.010 (1)	0.010	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0094				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0023	0.0023	0.0094				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0054 (1)	0.0054	0.0094				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0073 (1)	0.0073	0.0094				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.0094				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0023	0.0023	0.0094				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0032	0.0032	0.0094				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0094				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0033	0.0033	0.0094				7147727
DecaCB-(209)	ng/g	<0.0045	0.0045	0.0094				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000394		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	95						7147727
C13-22'33'44'5-HeptaCB-(170)	%	96						7147727
C13-22'33'455'66'-NonaCB-(208)	%	102						7147727
C13-22'33'55'66'-OctaCB-(202)	%	116						7147727
C13-22'33'55'6-HeptaCB-(178)	%	106						7147727
C13-22'344'55'-HeptaCB-(180)	%	98						7147727
C13-22'34'566'-HeptaCB-(188)	%	94						7147727
C13-22'44'66'-HexaCB-(155)	%	94						7147727
C13-22'466'-PentaCB-(104)	%	91						7147727
C13-22'66'-TetraCB-(54)	%	86						7147727
C13-22'6-TriCB-(19)	%	80						7147727
C13-22'-DiCB-(4)	%	84						7147727
C13-233'44'55'6-OctaCB-(205)	%	85						7147727
C13-233'44'55'-HeptaCB-(189)	%	76						7147727
C13-233'44'-PentaCB-(105)	%	66						7147727
C13-233'55'-PentaCB-(111)	%	81						7147727
C13-23'44'55'-HexaCB-(167)	%	62						7147727
C13-2344'5-PentaCB-(114)	%	65						7147727
C13-23'44'5-PentaCB-(118)	%	64						7147727
C13-2'344'5-PentaCB-(123)	%	66						7147727
C13-2-MonoCB-(1)	%	56						7147727
C13-33'44'55'-HexaCB-(169)	%	46						7147727
C13-33'44'5-PentaCB-(126)	%	63						7147727
C13-33'44'-TetraCB-(77)	%	57						7147727
C13-344'5-TetraCB-(81)	%	57						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	57						7147727
C13-44'-DiCB-(15)	%	66						7147727
C13-4-MonoCB-(3)	%	54						7147727
C13-DecaCB-(209)	%	110						7147727
C13-HexaCB-(156)+(157)	%	62						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00074	0.00074	0.0094				7147727
3-MonoCB-(2)	ng/g	<0.00071	0.00071	0.0094				7147727
4-MonoCB-(3)	ng/g	<0.00074	0.00074	0.0094				7147727
22'-DiCB-(4)	ng/g	<0.0056	0.0056	0.0094				7147727
2,3-DiCB-(5)	ng/g	<0.0038	0.0038	0.0094				7147727
2,3'-DiCB-(6)	ng/g	<0.0034	0.0034	0.0094				7147727
2,4-DiCB-(7)	ng/g	<0.0037	0.0037	0.0094				7147727
2,4'-DiCB-(8)	ng/g	<0.0033	0.0033	0.0094				7147727
2,5-DiCB-(9)	ng/g	<0.0035	0.0035	0.0094				7147727
2,6-DiCB-(10)	ng/g	<0.0073	0.0073	0.0094				7147727
3,3'-DiCB-(11)	ng/g	<0.0037	0.0037	0.0094				7147727
DiCB-(12)+(13)	ng/g	<0.0035	0.0035	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0035	0.0035	0.0094				7147727
4,4'-DiCB-(15)	ng/g	<0.0056	0.0056	0.0094				7147727
22'3-TriCB-(16)	ng/g	<0.0034	0.0034	0.0094				7147727
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0094				7147727
TriCB-(18)+(30)	ng/g	<0.0017	0.0017	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0094				7147727
TriCB-(20) + (28)	ng/g	0.0137 (1)	0.0012	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0021 (1)	0.0021	0.0094				7147727
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0094				7147727
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0094				7147727
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0094				7147727
TriCB-(26)+(29)	ng/g	<0.0014 (1)	0.0014	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0015	0.0015	0.0094				7147727
24'5-TriCB-(31)	ng/g	<0.010 (1)	0.010	0.0094				7147727
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0094				7147727
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0094				7147727
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0094				7147727
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0094				7147727

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0094				7147727
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0094				7147727
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0094				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0021	0.0021	0.028				7147727
22'34'-TetraCB-(42)	ng/g	<0.0022 (1)	0.0022	0.0094				7147727
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0094				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0277	0.0019	0.028				7147727
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0094				7147727
22'45-TetraCB-(48)	ng/g	<0.0021	0.0021	0.0094				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0192	0.0018	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0682	0.0022	0.0094				7147727
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0094				7147727
233'4-TetraCB-(55)	ng/g	<0.0023	0.0023	0.0094				7147727
233'4'-Tetra CB(56)	ng/g	0.0041	0.0023	0.0094				7147727
233'5-TetraCB-(57)	ng/g	<0.0023	0.0023	0.0094				7147727
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.0094				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0033	0.0016	0.028				7147727
2344'-TetraCB -(60)	ng/g	0.0098	0.0023	0.0094				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0788	0.0022	0.038				7147727
234'5-TetraCB-(63)	ng/g	<0.0024 (1)	0.0024	0.0094				7147727
234'6-TetraCB-(64)	ng/g	0.0127	0.0015	0.0094				7147727
23'44'-TetraCB-(66)	ng/g	0.0469	0.0022	0.0094				7147727
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0094				7147727
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.0094				7147727
23'55'-TetraCB-(72)	ng/g	<0.0022	0.0022	0.0094				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0094				7147727
33'44'-TetraCB-(77)	ng/g	<0.0030	0.0030	0.0094	0.000100	0.000000300		7147727
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.0094				7147727
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.0094				7147727
33'55'-TetraCB-(80)	ng/g	<0.0020	0.0020	0.0094				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.0094	0.000300	0.000000900		7147727
22'33'4-PentaCB-(82)	ng/g	0.0033	0.0025	0.0094				7147727
PentaCB-(83)+(99)	ng/g	0.166	0.0024	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0050 (1)	0.0050	0.0094				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0208	0.0018	0.028				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0438	0.0019	0.056				7147727
PentaCB-(88)+(91)	ng/g	0.0066	0.0023	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0094				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.142	0.0019	0.028				7147727
22'355'-PentaCB-(92)	ng/g	0.0322	0.0023	0.0094				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.038				7147727
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0094				7147727
22'35'6-PentaCB-(95)	ng/g	0.0493	0.0022	0.0094				7147727
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.0094				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.0094				7147727
22'466'-PentaCB-(104)	ng/g	<0.00063	0.00063	0.0094				7147727
233'44'-PentaCB-(105)	ng/g	0.0694	0.0020	0.0094	0.0000300	0.00000208		7147727
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0094				7147727
233'4'5-PentaCB-(107)	ng/g	0.0171	0.0016	0.0094				7147727
PentaCB-(108)+(124)	ng/g	0.0040	0.0016	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.118	0.0018	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0094				7147727
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0094				7147727
2344'5-PentaCB-(114)	ng/g	0.0046	0.0020	0.0094	0.0000300	0.000000138		7147727
23'44'5-PentaCB-(118)	ng/g	0.214	0.0020	0.0094	0.0000300	0.00000642		7147727
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0094				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0094				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0094				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0045	0.0022	0.0094	0.0000300	0.000000135		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.0094	0.100	0.000190		7147727
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0094				7147727
HexaCB-(128)+(166)	ng/g	0.0273	0.0023	0.019				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.320	0.0024	0.028				7147727
22'33'45'-HexaCB-(130)	ng/g	<0.0092 (1)	0.0092	0.0094				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0031	0.0031	0.0094				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0188	0.0029	0.0094				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0075	0.0028	0.0094				7147727
HexaCB-(134)+(143)	ng/g	0.0048	0.0029	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0486	0.0037	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0055	0.0028	0.0094				7147727
22'344'5-HexaCB-(137)	ng/g	0.0187	0.0035	0.0094				7147727
HexaCB-(139)+(140)	ng/g	<0.0028 (1)	0.0028	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	<0.0082 (1)	0.0082	0.0094				7147727
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0094				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0039 (1)	0.0039	0.0094				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.0094				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0582	0.0026	0.0094				7147727
HexaCB-(147)+(149)	ng/g	0.0695	0.0028	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.0094				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0027	0.0027	0.0094				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0027	0.0027	0.0094				7147727
HexaCB-(153)+(168)	ng/g	0.421	0.0021	0.0094				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0046 (1)	0.0046	0.0094				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0014	0.0014	0.0094				7147727
HexaCB-(156)+(157)	ng/g	0.0242	0.0024	0.019	0.0000300	0.000000726		7147727
233'44'6-HexaCB-(158)	ng/g	0.0187	0.0018	0.0094				7147727
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.0094				7147727
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0094				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0094				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.0094				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0058 (1)	0.0058	0.0094				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0021	0.0021	0.0094				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0100	0.0023	0.0094	0.0000300	0.000000300		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0094	0.0300	0.0000750		7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0213	0.0028	0.0094				7147727
HeptaCB-(171)+(173)	ng/g	0.0090	0.0035	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0045	0.0037	0.0094				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0088	0.0033	0.0094				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0054	0.0054	0.0094				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0040	0.0040	0.0094				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0080	0.0036	0.0094				7147727
22'33'55'6-HeptaCB-(178)	ng/g	<0.012 (1)	0.012	0.0094				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0078	0.0039	0.0094				7147727
HeptaCB-(180)+(193)	ng/g	0.0619	0.0027	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.0094				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0051	0.0051	0.0094				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0242	0.0036	0.0094				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0038	0.0038	0.0094				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0035	0.0035	0.0094				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.0094				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0639	0.0049	0.0094				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.0094				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0020	0.0020	0.0094	0.0000300	0.0000000600		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0035	0.0028	0.0094				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.0094				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.0094				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0059	0.0041	0.0094				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0044	0.0044	0.0094				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0066	0.0066	0.0094				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0051	0.0051	0.0094				7147727
OctaCB-(198)+(199)	ng/g	0.0094	0.0065	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0043	0.0043	0.0094				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0047	0.0047	0.0094				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038	0.0038	0.0094				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0059	0.0059	0.0094				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0048	0.0048	0.0094				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.0094				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.0094				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.0094				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0057	0.0057	0.0094				7147727
DecaCB-(209)	ng/g	<0.0032	0.0032	0.0094				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000276		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	94						7147727
C13-22'33'44'5-HeptaCB-(170)	%	98						7147727
C13-22'33'455'66'-NonaCB-(208)	%	103						7147727
C13-22'33'55'66'-OctaCB-(202)	%	117						7147727
C13-22'33'55'6-HeptaCB-(178)	%	105						7147727
C13-22'344'55'-HeptaCB-(180)	%	99						7147727
C13-22'34'566'-HeptaCB-(188)	%	94						7147727
C13-22'44'66'-HexaCB-(155)	%	92						7147727
C13-22'466'-PentaCB-(104)	%	88						7147727
C13-22'66'-TetraCB-(54)	%	84						7147727
C13-22'6-TriCB-(19)	%	76						7147727
C13-22'-DiCB-(4)	%	76						7147727
C13-233'44'55'6-OctaCB-(205)	%	81						7147727
C13-233'44'55'-HeptaCB-(189)	%	74						7147727
C13-233'44'-PentaCB-(105)	%	63						7147727
C13-233'55'-PentaCB-(111)	%	80						7147727
C13-23'44'55'-HexaCB-(167)	%	63						7147727
C13-2344'5-PentaCB-(114)	%	62						7147727
C13-23'44'5-PentaCB-(118)	%	66						7147727
C13-2'344'5-PentaCB-(123)	%	64						7147727
C13-2-MonoCB-(1)	%	48						7147727
C13-33'44'55'-HexaCB-(169)	%	45						7147727
C13-33'44'5-PentaCB-(126)	%	57						7147727
C13-33'44'-TetraCB-(77)	%	55						7147727
C13-344'5-TetraCB-(81)	%	57						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	57						7147727
C13-44'-DiCB-(15)	%	64						7147727
C13-4-MonoCB-(3)	%	49						7147727
C13-DecaCB-(209)	%	117						7147727
C13-HexaCB-(156)+(157)	%	60						7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00061	0.00061	0.0093				7147727
3-MonoCB-(2)	ng/g	<0.00058	0.00058	0.0093				7147727
4-MonoCB-(3)	ng/g	<0.00061	0.00061	0.0093				7147727
22'-DiCB-(4)	ng/g	<0.0038	0.0038	0.0093				7147727
2,3-DiCB-(5)	ng/g	<0.0014	0.0014	0.0093				7147727
2,3'-DiCB-(6)	ng/g	<0.0013	0.0013	0.0093				7147727
2,4-DiCB-(7)	ng/g	<0.0014	0.0014	0.0093				7147727
2,4'-DiCB-(8)	ng/g	<0.0012	0.0012	0.0093				7147727
2,5-DiCB-(9)	ng/g	<0.0013	0.0013	0.0093				7147727
2,6-DiCB-(10)	ng/g	<0.0049	0.0049	0.0093				7147727
3,3'-DiCB-(11)	ng/g	0.0086	0.0014	0.0093				7147727
DiCB-(12)+(13)	ng/g	<0.0013	0.0013	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0013	0.0013	0.0093				7147727
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.0093				7147727
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.0093				7147727
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0093				7147727
TriCB-(18)+(30)	ng/g	0.0016	0.0015	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0093				7147727
TriCB-(20) + (28)	ng/g	0.0119	0.00041	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.00044 (1)	0.00044	0.019				7147727
234'-TriCB-(22)	ng/g	0.00193	0.00043	0.0093				7147727
235-TriCB-(23)	ng/g	<0.00043	0.00043	0.0093				7147727
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0093				7147727
23'4-TriCB-(25)	ng/g	<0.00038	0.00038	0.0093				7147727
TriCB-(26)+(29)	ng/g	<0.0014 (1)	0.0014	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0093				7147727
24'5-TriCB-(31)	ng/g	0.00949	0.00039	0.0093				7147727
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0093				7147727
23'5'-TriCB-(34)	ng/g	<0.00043	0.00043	0.0093				7147727
33'4-TriCB-(35)	ng/g	<0.00042	0.00042	0.0093				7147727
33'5-TriCB-(36)	ng/g	<0.00037	0.00037	0.0093				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.00074 (1)	0.00074	0.0093				7147727
345-TriCB-(38)	ng/g	<0.00041	0.00041	0.0093				7147727
34'5-TriCB-(39)	ng/g	<0.00039	0.00039	0.0093				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0021 (1)	0.0021	0.028				7147727
22'34'-TetraCB-(42)	ng/g	<0.0018	0.0018	0.0093				7147727
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0093				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0222	0.0016	0.028				7147727
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0093				7147727
22'45-TetraCB-(48)	ng/g	<0.0018	0.0018	0.0093				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0163	0.0015	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0563	0.0019	0.0093				7147727
22'66'-TetraCB-(54)	ng/g	<0.00089	0.00089	0.0093				7147727
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0093				7147727
233'4'-Tetra CB(56)	ng/g	0.0052	0.0019	0.0093				7147727
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0093				7147727
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0093				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0019 (1)	0.0019	0.028				7147727
2344'-TetraCB -(60)	ng/g	0.0103	0.0019	0.0093				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0708	0.0017	0.037				7147727
234'5-TetraCB-(63)	ng/g	<0.0024 (1)	0.0024	0.0093				7147727
234'6-TetraCB-(64)	ng/g	0.0100	0.0013	0.0093				7147727
23'44'-TetraCB-(66)	ng/g	0.0435	0.0018	0.0093				7147727
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.0093				7147727
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.0093				7147727
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0093				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0093				7147727
33'44'-TetraCB-(77)	ng/g	<0.0025	0.0025	0.0093	0.000100	0.000000250		7147727
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0093				7147727
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0093				7147727
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0093				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0093	0.000300	0.000000750		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0093				7147727
PentaCB-(83)+(99)	ng/g	0.120	0.0026	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0049 (1)	0.0049	0.0093				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0220	0.0019	0.028				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0354	0.0020	0.056				7147727
PentaCB-(88)+(91)	ng/g	0.0046	0.0025	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0093				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.107	0.0021	0.028				7147727
22'355'-PentaCB-(92)	ng/g	0.0239	0.0025	0.0093				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.037				7147727
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0093				7147727
22'35'6-PentaCB-(95)	ng/g	0.0400	0.0024	0.0093				7147727
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0093				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0093				7147727
22'466'-PentaCB-(104)	ng/g	<0.00079	0.00079	0.0093				7147727
233'44'-PentaCB-(105)	ng/g	0.0609	0.0013	0.0093	0.0000300	0.00000183		7147727
233'45-PentaCB-(106)	ng/g	<0.00095	0.00095	0.0093				7147727
233'4'5-PentaCB-(107)	ng/g	0.0115	0.0010	0.0093				7147727
PentaCB-(108)+(124)	ng/g	0.0032	0.0010	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.0830	0.0019	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0093				7147727
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0093				7147727
2344'5-PentaCB-(114)	ng/g	<0.0032 (1)	0.0032	0.0093	0.0000300	0.000000096		7147727
23'44'5-PentaCB-(118)	ng/g	0.168	0.0012	0.0093	0.0000300	0.00000504		7147727
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0093				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0093				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0093				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0023	0.0014	0.0093	0.0000300	0.0000000690		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0093	0.100	0.000120		7147727
33'455'-PentaCB-(127)	ng/g	<0.0010	0.0010	0.0093				7147727
HexaCB-(128)+(166)	ng/g	0.0270	0.0024	0.019				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.231	0.0025	0.028				7147727
22'33'45'-HexaCB-(130)	ng/g	0.0058	0.0032	0.0093				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0093				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0100	0.0031	0.0093				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0042	0.0029	0.0093				7147727
HexaCB-(134)+(143)	ng/g	<0.0031	0.0031	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0346	0.0068	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0051	0.0051	0.0093				7147727
22'344'5-HexaCB-(137)	ng/g	0.0161	0.0036	0.0093				7147727
HexaCB-(139)+(140)	ng/g	0.0029	0.0027	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0098	0.0026	0.0093				7147727
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0093				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0068	0.0068	0.0093				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.0093				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0353	0.0027	0.0093				7147727
HexaCB-(147)+(149)	ng/g	0.0372	0.0029	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0069	0.0069	0.0093				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0050	0.0050	0.0093				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0049	0.0049	0.0093				7147727
HexaCB-(153)+(168)	ng/g	0.283	0.0022	0.0093				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0058	0.0058	0.0093				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.0093				7147727
HexaCB-(156)+(157)	ng/g	0.0183	0.0025	0.019	0.0000300	0.000000549		7147727
233'44'6-HexaCB-(158)	ng/g	0.0150	0.0019	0.0093				7147727
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0093				7147727
233'456-HexaCB-(160)	ng/g	<0.0023	0.0023	0.0093				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0093				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0020	0.0020	0.0093				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0018	0.0018	0.0093				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0093				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0080	0.0024	0.0093	0.0000300	0.000000240		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0025	0.0025	0.0093	0.0300	0.0000750		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0160	0.0020	0.0093				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0064 (1)	0.0064	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0033	0.0027	0.0093				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0053	0.0024	0.0093				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0030	0.0030	0.0093				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0023	0.0023	0.0093				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0040	0.0027	0.0093				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0093	0.0031	0.0093				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0056	0.0022	0.0093				7147727
HeptaCB-(180)+(193)	ng/g	0.0474	0.0020	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0093				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0029	0.0029	0.0093				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0185	0.0026	0.0093				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0021	0.0021	0.0093				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.0093				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0023	0.0023	0.0093				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0333	0.0027	0.0093				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0093				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.0093	0.0000300	0.0000000690		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0030 (1)	0.0030	0.0093				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0093				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0093				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0044 (1)	0.0044	0.0093				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0093				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0059	0.0059	0.0093				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0045	0.0045	0.0093				7147727
OctaCB-(198)+(199)	ng/g	<0.0057	0.0057	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0038	0.0038	0.0093				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0041	0.0041	0.0093				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0033	0.0033	0.0093				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0052	0.0052	0.0093				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0043	0.0043	0.0093				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0028	0.0028	0.0093				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0093				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0028	0.0028	0.0093				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0093				7147727
DecaCB-(209)	ng/g	<0.0023	0.0023	0.0093				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000204		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	102						7147727
C13-22'33'44'5-HeptaCB-(170)	%	102						7147727
C13-22'33'455'66'-NonaCB-(208)	%	117						7147727
C13-22'33'55'66'-OctaCB-(202)	%	135						7147727
C13-22'33'55'6-HeptaCB-(178)	%	111						7147727
C13-22'344'55'-HeptaCB-(180)	%	107						7147727
C13-22'34'566'-HeptaCB-(188)	%	109						7147727
C13-22'44'66'-HexaCB-(155)	%	106						7147727
C13-22'466'-PentaCB-(104)	%	106						7147727
C13-22'66'-TetraCB-(54)	%	93						7147727
C13-22'6-TriCB-(19)	%	82						7147727
C13-22'-DiCB-(4)	%	80						7147727
C13-233'44'55'6-OctaCB-(205)	%	92						7147727
C13-233'44'55'-HeptaCB-(189)	%	82						7147727
C13-233'44'-PentaCB-(105)	%	71						7147727
C13-233'55'-PentaCB-(111)	%	84						7147727
C13-23'44'55'-HexaCB-(167)	%	70						7147727
C13-2344'5-PentaCB-(114)	%	72						7147727
C13-23'44'5-PentaCB-(118)	%	72						7147727
C13-2'344'5-PentaCB-(123)	%	73						7147727
C13-2-MonoCB-(1)	%	49						7147727
C13-33'44'55'-HexaCB-(169)	%	49						7147727
C13-33'44'5-PentaCB-(126)	%	66						7147727
C13-33'44'-TetraCB-(77)	%	63						7147727
C13-344'5-TetraCB-(81)	%	63						7147727
C13-344'-TriCB-(37)	%	64						7147727

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	72						7147727
C13-4-MonoCB-(3)	%	51						7147727
C13-DecaCB-(209)	%	130						7147727
C13-HexaCB-(156)+(157)	%	68						7147727

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00051	0.00051	0.0092				7147727
3-MonoCB-(2)	ng/g	<0.00048	0.00048	0.0092				7147727
4-MonoCB-(3)	ng/g	<0.00050	0.00050	0.0092				7147727
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.0092				7147727
2,3-DiCB-(5)	ng/g	<0.0027	0.0027	0.0092				7147727
2,3'-DiCB-(6)	ng/g	<0.0024	0.0024	0.0092				7147727
2,4-DiCB-(7)	ng/g	<0.0026	0.0026	0.0092				7147727
2,4'-DiCB-(8)	ng/g	<0.0023	0.0023	0.0092				7147727
2,5-DiCB-(9)	ng/g	<0.0024	0.0024	0.0092				7147727
2,6-DiCB-(10)	ng/g	<0.0053	0.0053	0.0092				7147727
3,3'-DiCB-(11)	ng/g	0.0085	0.0026	0.0092				7147727
DiCB-(12)+(13)	ng/g	<0.0024	0.0024	0.018				7147727
3,5-DiCB-(14)	ng/g	<0.0025	0.0025	0.0092				7147727
4,4'-DiCB-(15)	ng/g	<0.0040	0.0040	0.0092				7147727
22'3-TriCB-(16)	ng/g	<0.0039	0.0039	0.0092				7147727
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.0092				7147727
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.018				7147727
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0092				7147727
TriCB-(20) + (28)	ng/g	0.0107	0.00093	0.018				7147727
TriCB-(21)+(33)	ng/g	<0.00089	0.00089	0.018				7147727
234'-TriCB-(22)	ng/g	0.00143	0.00099	0.0092				7147727
235-TriCB-(23)	ng/g	<0.00099	0.00099	0.0092				7147727
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0092				7147727
23'4-TriCB-(25)	ng/g	<0.00088	0.00088	0.0092				7147727
TriCB-(26)+(29)	ng/g	<0.0010 (1)	0.0010	0.018				7147727
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0092				7147727
24'5-TriCB-(31)	ng/g	0.00894	0.00090	0.0092				7147727
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0092				7147727
23'5'-TriCB-(34)	ng/g	<0.00098	0.00098	0.0092				7147727
33'4-TriCB-(35)	ng/g	<0.00096	0.00096	0.0092				7147727
33'5-TriCB-(36)	ng/g	<0.00085	0.00085	0.0092				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0092				7147727
345-TriCB-(38)	ng/g	<0.00095	0.00095	0.0092				7147727
34'5-TriCB-(39)	ng/g	<0.00090	0.00090	0.0092				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0014 (1)	0.0014	0.027				7147727
22'34'-TetraCB-(42)	ng/g	<0.0012	0.0012	0.0092				7147727
22'35-TetraCB-(43)	ng/g	<0.0015	0.0015	0.0092				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0183	0.0010	0.027				7147727
TetraCB-(45)+(51)	ng/g	<0.0012	0.0012	0.018				7147727
22'36'-TetraCB-(46)	ng/g	<0.0013	0.0013	0.0092				7147727
22'45-TetraCB-(48)	ng/g	<0.0011	0.0011	0.0092				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0119	0.00097	0.018				7147727
TetraCB-(50)+(53)	ng/g	<0.0011	0.0011	0.018				7147727
22'55'-TetraCB-(52)	ng/g	0.0440	0.0012	0.0092				7147727
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0092				7147727
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0092				7147727
233'4'-Tetra CB(56)	ng/g	0.0036	0.0013	0.0092				7147727
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0092				7147727
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0092				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0014 (1)	0.0014	0.027				7147727
2344'-TetraCB -(60)	ng/g	0.0075	0.0013	0.0092				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0570	0.0012	0.037				7147727
234'5-TetraCB-(63)	ng/g	<0.0015 (1)	0.0015	0.0092				7147727
234'6-TetraCB-(64)	ng/g	0.00894	0.00085	0.0092				7147727
23'44'-TetraCB-(66)	ng/g	0.0336	0.0012	0.0092				7147727
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0092				7147727
23'45'-TetraCB-(68)	ng/g	<0.0013 (1)	0.0013	0.0092				7147727
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0092				7147727
23'5'6-TetraCB-(73)	ng/g	<0.00079	0.00079	0.0092				7147727
33'44'-TetraCB-(77)	ng/g	<0.0017	0.0017	0.0092	0.000100	0.000000170		7147727
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0092				7147727
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0092				7147727
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0092				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0092	0.000300	0.000000510		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0020	0.0020	0.0092				7147727
PentaCB-(83)+(99)	ng/g	0.101	0.0020	0.018				7147727
22'33'6-PentaCB-(84)	ng/g	0.0035	0.0020	0.0092				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0158	0.0014	0.027				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0236	0.0015	0.055				7147727
PentaCB-(88)+(91)	ng/g	<0.0018	0.0018	0.018				7147727
22'346'-PentaCB-(89)	ng/g	<0.0020	0.0020	0.0092				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.0737	0.0016	0.027				7147727
22'355'-PentaCB-(92)	ng/g	0.0182	0.0019	0.0092				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0018	0.0018	0.037				7147727
22'356'-PentaCB-(94)	ng/g	<0.0019	0.0019	0.0092				7147727
22'35'6-PentaCB-(95)	ng/g	0.0310	0.0018	0.0092				7147727
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0092				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0017	0.0017	0.0092				7147727
22'466'-PentaCB-(104)	ng/g	<0.00060	0.00060	0.0092				7147727
233'44'-PentaCB-(105)	ng/g	0.0493	0.0015	0.0092	0.0000300	0.00000148		7147727
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0092				7147727
233'4'5-PentaCB-(107)	ng/g	0.0087	0.0012	0.0092				7147727
PentaCB-(108)+(124)	ng/g	0.0029	0.0013	0.018				7147727
PentaCB-(110)+(115)	ng/g	0.0582	0.0014	0.018				7147727
233'55'-PentaCB-(111)	ng/g	<0.0014	0.0014	0.0092				7147727
233'56-PentaCB-(112)	ng/g	<0.0013	0.0013	0.0092				7147727
2344'5-PentaCB-(114)	ng/g	0.0031	0.0015	0.0092	0.0000300	0.0000000930		7147727
23'44'5-PentaCB-(118)	ng/g	0.133	0.0015	0.0092	0.0000300	0.00000399		7147727
23'455'-PentaCB-(120)	ng/g	<0.0013	0.0013	0.0092				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0092				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0092				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0023	0.0017	0.0092	0.0000300	0.0000000690		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0092	0.100	0.000150		7147727
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0092				7147727
HexaCB-(128)+(166)	ng/g	0.0212	0.0015	0.018				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.183	0.0016	0.027				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.0040 (1)	0.0040	0.0092				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0020	0.0020	0.0092				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0077	0.0020	0.0092				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0036	0.0019	0.0092				7147727
HexaCB-(134)+(143)	ng/g	0.0026	0.0020	0.018				7147727
HexaCB-(135)+(151)	ng/g	0.0273	0.0034	0.018				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0025	0.0025	0.0092				7147727
22'344'5-HexaCB-(137)	ng/g	0.0138	0.0023	0.0092				7147727
HexaCB-(139)+(140)	ng/g	0.0027	0.0017	0.018				7147727
22'3455'-HexaCB-(141)	ng/g	0.0106	0.0016	0.0092				7147727
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.0092				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0034	0.0034	0.0092				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.0092				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0276	0.0017	0.0092				7147727
HexaCB-(147)+(149)	ng/g	0.0236	0.0018	0.018				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0034	0.0034	0.0092				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0092				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0024	0.0024	0.0092				7147727
HexaCB-(153)+(168)	ng/g	0.232	0.0014	0.0092				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0029	0.0029	0.0092				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0013	0.0013	0.0092				7147727
HexaCB-(156)+(157)	ng/g	0.0155	0.0017	0.018	0.0000300	0.000000465		7147727
233'44'6-HexaCB-(158)	ng/g	0.0124	0.0012	0.0092				7147727
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0092				7147727
233'456-HexaCB-(160)	ng/g	<0.0014	0.0014	0.0092				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0012	0.0012	0.0092				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0092				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.0024	0.0011	0.0092				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0014	0.0014	0.0092				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0068	0.0016	0.0092	0.0000300	0.000000204		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0092	0.0300	0.0000510		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0149	0.0017	0.0092				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0054	0.0022	0.018				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0026	0.0023	0.0092				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0037	0.0020	0.0092				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0092				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.0092				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0029	0.0022	0.0092				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0083	0.0027	0.0092				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0043	0.0019	0.0092				7147727
HeptaCB-(180)+(193)	ng/g	0.0412	0.0017	0.018				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0092				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0025	0.0025	0.0092				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0153	0.0022	0.0092				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0092				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0092				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.0092				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0280	0.0024	0.0092				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0092				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.0092	0.0000300	0.0000000630		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0032 (1)	0.0032	0.0092				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.0092				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0092				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0049	0.0015	0.0092				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0016	0.0016	0.0092				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0036	0.0036	0.0092				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0092				7147727
OctaCB-(198)+(199)	ng/g	<0.0052 (1)	0.0052	0.018				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0092				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0025	0.0025	0.0092				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0022 (1)	0.0022	0.0092				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0032	0.0032	0.0092				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0092				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0016	0.0016	0.0092				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0037	0.0037	0.0092				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0033	0.0033	0.0092				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0092				7147727
DecaCB-(209)	ng/g	<0.0029	0.0029	0.0092				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000208		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	106						7147727
C13-22'33'44'5-HeptaCB-(170)	%	102						7147727
C13-22'33'455'66'-NonaCB-(208)	%	114						7147727
C13-22'33'55'66'-OctaCB-(202)	%	128						7147727
C13-22'33'55'6-HeptaCB-(178)	%	112						7147727
C13-22'344'55'-HeptaCB-(180)	%	106						7147727
C13-22'34'566'-HeptaCB-(188)	%	103						7147727
C13-22'44'66'-HexaCB-(155)	%	99						7147727
C13-22'466'-PentaCB-(104)	%	95						7147727
C13-22'66'-TetraCB-(54)	%	89						7147727
C13-22'6-TriCB-(19)	%	81						7147727
C13-22'-DiCB-(4)	%	79						7147727
C13-233'44'55'6-OctaCB-(205)	%	87						7147727
C13-233'44'55'-HeptaCB-(189)	%	82						7147727
C13-233'44'-PentaCB-(105)	%	71						7147727
C13-233'55'-PentaCB-(111)	%	84						7147727
C13-23'44'55'-HexaCB-(167)	%	71						7147727
C13-2344'5-PentaCB-(114)	%	69						7147727
C13-23'44'5-PentaCB-(118)	%	74						7147727
C13-2'344'5-PentaCB-(123)	%	71						7147727
C13-2-MonoCB-(1)	%	54						7147727
C13-33'44'55'-HexaCB-(169)	%	51						7147727
C13-33'44'5-PentaCB-(126)	%	67						7147727
C13-33'44'-TetraCB-(77)	%	62						7147727
C13-344'5-TetraCB-(81)	%	64						7147727
C13-344'-TriCB-(37)	%	61						7147727

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	69						7147727
C13-4-MonoCB-(3)	%	53						7147727
C13-DecaCB-(209)	%	127						7147727
C13-HexaCB-(156)+(157)	%	68						7147727

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00074	0.00074	0.0099				7147727
3-MonoCB-(2)	ng/g	<0.00070	0.00070	0.0099				7147727
4-MonoCB-(3)	ng/g	<0.00074	0.00074	0.0099				7147727
22'-DiCB-(4)	ng/g	<0.0053	0.0053	0.0099				7147727
2,3-DiCB-(5)	ng/g	<0.0036	0.0036	0.0099				7147727
2,3'-DiCB-(6)	ng/g	<0.0032	0.0032	0.0099				7147727
2,4-DiCB-(7)	ng/g	<0.0035	0.0035	0.0099				7147727
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.0099				7147727
2,5-DiCB-(9)	ng/g	<0.0032	0.0032	0.0099				7147727
2,6-DiCB-(10)	ng/g	<0.0069	0.0069	0.0099				7147727
3,3'-DiCB-(11)	ng/g	<0.0034	0.0034	0.0099				7147727
DiCB-(12)+(13)	ng/g	<0.0032	0.0032	0.020				7147727
3,5-DiCB-(14)	ng/g	<0.0033	0.0033	0.0099				7147727
4,4'-DiCB-(15)	ng/g	<0.0052	0.0052	0.0099				7147727
22'3-TriCB-(16)	ng/g	<0.0038	0.0038	0.0099				7147727
22'4-TriCB-(17)	ng/g	<0.0024	0.0024	0.0099				7147727
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.020				7147727
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0099				7147727
TriCB-(20) + (28)	ng/g	0.0101	0.0010	0.020				7147727
TriCB-(21)+(33)	ng/g	<0.00095	0.00095	0.020				7147727
234'-TriCB-(22)	ng/g	<0.0016 (1)	0.0016	0.0099				7147727
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0099				7147727
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0099				7147727
23'4-TriCB-(25)	ng/g	<0.00094	0.00094	0.0099				7147727
TriCB-(26)+(29)	ng/g	0.00166	0.00097	0.020				7147727
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0099				7147727
24'5-TriCB-(31)	ng/g	<0.0075 (1)	0.0075	0.0099				7147727
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0099				7147727
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0099				7147727
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0099				7147727
33'5-TriCB-(36)	ng/g	<0.00091	0.00091	0.0099				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0099				7147727
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099				7147727
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.0099				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.030				7147727
22'34'-TetraCB-(42)	ng/g	<0.0029	0.0029	0.0099				7147727
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.0099				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0182	0.0025	0.030				7147727
TetraCB-(45)+(51)	ng/g	<0.0029	0.0029	0.020				7147727
22'36'-TetraCB-(46)	ng/g	<0.0033	0.0033	0.0099				7147727
22'45-TetraCB-(48)	ng/g	<0.0028	0.0028	0.0099				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0142	0.0024	0.020				7147727
TetraCB-(50)+(53)	ng/g	<0.0028	0.0028	0.020				7147727
22'55'-TetraCB-(52)	ng/g	0.0513	0.0030	0.0099				7147727
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099				7147727
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.0099				7147727
233'4'-Tetra CB(56)	ng/g	0.0044	0.0023	0.0099				7147727
233'5-TetraCB-(57)	ng/g	<0.0023	0.0023	0.0099				7147727
233'5'-TetraCB-(58)	ng/g	<0.0022	0.0022	0.0099				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.030				7147727
2344'-TetraCB -(60)	ng/g	0.0092	0.0022	0.0099				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0626	0.0021	0.040				7147727
234'5-TetraCB-(63)	ng/g	<0.0021	0.0021	0.0099				7147727
234'6-TetraCB-(64)	ng/g	0.0093	0.0021	0.0099				7147727
23'44'-TetraCB-(66)	ng/g	0.0350	0.0021	0.0099				7147727
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0099				7147727
23'45'-TetraCB-(68)	ng/g	<0.0020	0.0020	0.0099				7147727
23'55'-TetraCB-(72)	ng/g	<0.0021	0.0021	0.0099				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099				7147727
33'44'-TetraCB-(77)	ng/g	<0.0029	0.0029	0.0099	0.000100	0.000000290		7147727
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.0099				7147727
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.0099				7147727
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0099				7147727
344'5-TetraCB-(81)	ng/g	<0.0029	0.0029	0.0099	0.000300	0.000000870		7147727

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0032	0.0032	0.0099				7147727
PentaCB-(83)+(99)	ng/g	0.121	0.0031	0.020				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0031	0.0031	0.0099				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0157	0.0023	0.030				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0274	0.0024	0.059				7147727
PentaCB-(88)+(91)	ng/g	<0.0029	0.0029	0.020				7147727
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0099				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.0941	0.0024	0.030				7147727
22'355'-PentaCB-(92)	ng/g	<0.019 (1)	0.019	0.0099				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.040				7147727
22'356'-PentaCB-(94)	ng/g	<0.0030	0.0030	0.0099				7147727
22'35'6-PentaCB-(95)	ng/g	0.0321	0.0028	0.0099				7147727
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0099				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0026	0.0026	0.0099				7147727
22'466'-PentaCB-(104)	ng/g	<0.00061	0.00061	0.0099				7147727
233'44'-PentaCB-(105)	ng/g	0.0570	0.0020	0.0099	0.0000300	0.00000171		7147727
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7147727
233'4'5-PentaCB-(107)	ng/g	0.0124	0.0016	0.0099				7147727
PentaCB-(108)+(124)	ng/g	0.0032	0.0016	0.020				7147727
PentaCB-(110)+(115)	ng/g	0.0760	0.0022	0.020				7147727
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099				7147727
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099				7147727
2344'5-PentaCB-(114)	ng/g	0.0035	0.0020	0.0099	0.0000300	0.000000105		7147727
23'44'5-PentaCB-(118)	ng/g	0.166	0.0020	0.0099	0.0000300	0.00000498		7147727
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.0099				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0099				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0040	0.0022	0.0099	0.0000300	0.000000120		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.0099	0.100	0.000190		7147727
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0099				7147727
HexaCB-(128)+(166)	ng/g	0.0233	0.0016	0.020				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.231	0.0017	0.030				7147727

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	<0.0049 (1)	0.0049	0.0099				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0021	0.0021	0.0099				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0096	0.0020	0.0099				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0059	0.0019	0.0099				7147727
HexaCB-(134)+(143)	ng/g	<0.0020	0.0020	0.020				7147727
HexaCB-(135)+(151)	ng/g	0.0332	0.0043	0.020				7147727
22'33'66'-HexaCB-(136)	ng/g	0.0035	0.0032	0.0099				7147727
22'344'5-HexaCB-(137)	ng/g	<0.010 (1)	0.010	0.0099				7147727
HexaCB-(139)+(140)	ng/g	<0.0022 (1)	0.0022	0.020				7147727
22'3455'-HexaCB-(141)	ng/g	0.0153	0.0017	0.0099				7147727
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.0099				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0043	0.0043	0.0099				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0033	0.0033	0.0099				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0368	0.0018	0.0099				7147727
HexaCB-(147)+(149)	ng/g	0.0312	0.0019	0.020				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0044	0.0044	0.0099				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0099				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.0099				7147727
HexaCB-(153)+(168)	ng/g	0.293	0.0015	0.0099				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0037	0.0037	0.0099				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.0099				7147727
HexaCB-(156)+(157)	ng/g	0.0176	0.0024	0.020	0.0000300	0.000000528		7147727
233'44'6-HexaCB-(158)	ng/g	0.0154	0.0013	0.0099				7147727
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.0099				7147727
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0099				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0099				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.0099				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0040 (1)	0.0040	0.0099				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0099				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0078	0.0023	0.0099	0.0000300	0.000000234		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0099	0.0300	0.0000720		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0142	0.0023	0.0099				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0064	0.0030	0.020				7147727
22'33'455'-HeptaCB-(172)	ng/g	<0.0031	0.0031	0.0099				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0049	0.0028	0.0099				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0028	0.0028	0.0099				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0021	0.0021	0.0099				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0030	0.0030	0.0099				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0086	0.0029	0.0099				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0053	0.0021	0.0099				7147727
HeptaCB-(180)+(193)	ng/g	0.0432	0.0023	0.020				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0099				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0027	0.0027	0.0099				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0184	0.0030	0.0099				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0020	0.0020	0.0099				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0030	0.0030	0.0099				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0022	0.0022	0.0099				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0401	0.0026	0.0099				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0016	0.0016	0.0099				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0023	0.0023	0.0099				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0099				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0099				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0044 (1)	0.0044	0.0099				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0025	0.0025	0.0099				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0039	0.0039	0.0099				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0030	0.0030	0.0099				7147727
OctaCB-(198)+(199)	ng/g	0.0060	0.0038	0.020				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0027	0.0027	0.0099				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025 (1)	0.0025	0.0099				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0035	0.0035	0.0099				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0025	0.0025	0.0099				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0051	0.0051	0.0099				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.0099				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0052	0.0052	0.0099				7147727
DecaCB-(209)	ng/g	<0.0024	0.0024	0.0099				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000271		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	58						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	86						7147727
C13-22'33'44'5-HeptaCB-(170)	%	86						7147727
C13-22'33'455'66'-NonaCB-(208)	%	89						7147727
C13-22'33'55'66'-OctaCB-(202)	%	100						7147727
C13-22'33'55'6-HeptaCB-(178)	%	109						7147727
C13-22'344'55'-HeptaCB-(180)	%	88						7147727
C13-22'34'566'-HeptaCB-(188)	%	85						7147727
C13-22'44'66'-HexaCB-(155)	%	81						7147727
C13-22'466'-PentaCB-(104)	%	79						7147727
C13-22'66'-TetraCB-(54)	%	72						7147727
C13-22'6-TriCB-(19)	%	63						7147727
C13-22'-DiCB-(4)	%	64						7147727
C13-233'44'55'6-OctaCB-(205)	%	70						7147727
C13-233'44'55'-HeptaCB-(189)	%	68						7147727
C13-233'44'-PentaCB-(105)	%	61						7147727
C13-233'55'-PentaCB-(111)	%	79						7147727
C13-23'44'55'-HexaCB-(167)	%	59						7147727
C13-2344'5-PentaCB-(114)	%	58						7147727
C13-23'44'5-PentaCB-(118)	%	62						7147727
C13-2'344'5-PentaCB-(123)	%	59						7147727
C13-2-MonoCB-(1)	%	42						7147727
C13-33'44'55'-HexaCB-(169)	%	41						7147727
C13-33'44'5-PentaCB-(126)	%	57						7147727
C13-33'44'-TetraCB-(77)	%	52						7147727
C13-344'5-TetraCB-(81)	%	53						7147727
C13-344'-TriCB-(37)	%	49						7147727

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	56						7147727
C13-4-MonoCB-(3)	%	42						7147727
C13-DecaCB-(209)	%	99						7147727
C13-HexaCB-(156)+(157)	%	58						7147727

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00069	0.00069	0.0097				7147727
3-MonoCB-(2)	ng/g	<0.00066	0.00066	0.0097				7147727
4-MonoCB-(3)	ng/g	<0.00069	0.00069	0.0097				7147727
22'-DiCB-(4)	ng/g	<0.0053	0.0053	0.0097				7147727
2,3-DiCB-(5)	ng/g	<0.0024	0.0024	0.0097				7147727
2,3'-DiCB-(6)	ng/g	<0.0021	0.0021	0.0097				7147727
2,4-DiCB-(7)	ng/g	<0.0023	0.0023	0.0097				7147727
2,4'-DiCB-(8)	ng/g	<0.0020	0.0020	0.0097				7147727
2,5-DiCB-(9)	ng/g	<0.0021	0.0021	0.0097				7147727
2,6-DiCB-(10)	ng/g	<0.0069	0.0069	0.0097				7147727
3,3'-DiCB-(11)	ng/g	0.0101	0.0023	0.0097				7147727
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.0097				7147727
4,4'-DiCB-(15)	ng/g	<0.0035	0.0035	0.0097				7147727
22'3-TriCB-(16)	ng/g	<0.0053	0.0053	0.0097				7147727
22'4-TriCB-(17)	ng/g	<0.0035	0.0035	0.0097				7147727
TriCB-(18)+(30)	ng/g	<0.0027	0.0027	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0022	0.0022	0.0097				7147727
TriCB-(20) + (28)	ng/g	0.0103	0.0014	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0015 (1)	0.0015	0.0097				7147727
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0097				7147727
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0097				7147727
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0097				7147727
TriCB-(26)+(29)	ng/g	<0.0014 (1)	0.0014	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.0097				7147727
24'5-TriCB-(31)	ng/g	0.0081	0.0013	0.0097				7147727
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0097				7147727
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0097				7147727
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.0097				7147727
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0097				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0023	0.0023	0.0097				7147727
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.0097				7147727
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0097				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.0097				7147727
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0097				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0238	0.0018	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0097				7147727
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0097				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0153	0.0017	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0566	0.0022	0.0097				7147727
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0097				7147727
233'4-TetraCB-(55)	ng/g	<0.0026	0.0026	0.0097				7147727
233'4'-Tetra CB(56)	ng/g	<0.0045 (1)	0.0045	0.0097				7147727
233'5-TetraCB-(57)	ng/g	<0.0027	0.0027	0.0097				7147727
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.0097				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0026	0.0015	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0108	0.0026	0.0097				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0742	0.0025	0.039				7147727
234'5-TetraCB-(63)	ng/g	0.0028	0.0025	0.0097				7147727
234'6-TetraCB-(64)	ng/g	0.0107	0.0015	0.0097				7147727
23'44'-TetraCB-(66)	ng/g	0.0469	0.0025	0.0097				7147727
23'45-TetraCB-(67)	ng/g	<0.0024	0.0024	0.0097				7147727
23'45'-TetraCB-(68)	ng/g	<0.0024	0.0024	0.0097				7147727
23'55'-TetraCB-(72)	ng/g	<0.0025	0.0025	0.0097				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0097				7147727
33'44'-TetraCB-(77)	ng/g	<0.0035	0.0035	0.0097	0.000100	0.000000350		7147727
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.0097				7147727
33'45'-TetraCB(79)	ng/g	<0.0023	0.0023	0.0097				7147727
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.0097				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0035	0.0035	0.0097	0.000300	0.00000105		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0097				7147727
PentaCB-(83)+(99)	ng/g	0.181	0.0026	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0026	0.0026	0.0097				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0331	0.0019	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0331	0.0020	0.058				7147727
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0097				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.131	0.0020	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0331	0.0025	0.0097				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.039				7147727
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0097				7147727
22'35'6-PentaCB-(95)	ng/g	0.0419	0.0024	0.0097				7147727
22'366'-PentaCB-(96)	ng/g	<0.0015	0.0015	0.0097				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.0097				7147727
22'466'-PentaCB-(104)	ng/g	<0.00072	0.00072	0.0097				7147727
233'44'-PentaCB-(105)	ng/g	0.0916	0.0025	0.0097	0.0000300	0.00000275		7147727
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.0097				7147727
233'4'5-PentaCB-(107)	ng/g	0.0182	0.0020	0.0097				7147727
PentaCB-(108)+(124)	ng/g	<0.0043 (1)	0.0043	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.104	0.0019	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0097				7147727
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0097				7147727
2344'5-PentaCB-(114)	ng/g	0.0059	0.0025	0.0097	0.0000300	0.000000177		7147727
23'44'5-PentaCB-(118)	ng/g	0.270	0.0025	0.0097	0.0000300	0.00000810		7147727
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0097				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0097				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.0097				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0027	0.0027	0.0097	0.0000300	0.0000000810		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.0097	0.100	0.000240		7147727
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0097				7147727
HexaCB-(128)+(166)	ng/g	0.0553	0.0027	0.019				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.386	0.0027	0.029				7147727
22'33'45'-HexaCB-(130)	ng/g	0.0069	0.0035	0.0097				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.0097				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0124	0.0034	0.0097				7147727
22'33'55'-HexaCB-(133)	ng/g	<0.0068 (1)	0.0068	0.0097				7147727
HexaCB-(134)+(143)	ng/g	<0.0034	0.0034	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0459	0.0053	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0040	0.0040	0.0097				7147727
22'344'5-HexaCB-(137)	ng/g	0.0253	0.0040	0.0097				7147727
HexaCB-(139)+(140)	ng/g	0.0037	0.0029	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0147	0.0029	0.0097				7147727
22'3456-HexaCB-(142)	ng/g	<0.0033	0.0033	0.0097				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0053	0.0053	0.0097				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0041	0.0041	0.0097				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0577	0.0030	0.0097				7147727
HexaCB-(147)+(149)	ng/g	0.0380	0.0032	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0054	0.0054	0.0097				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0039	0.0039	0.0097				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0038	0.0038	0.0097				7147727
HexaCB-(153)+(168)	ng/g	0.479	0.0024	0.0097				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0047 (1)	0.0047	0.0097				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.0097				7147727
HexaCB-(156)+(157)	ng/g	0.0284	0.0023	0.019	0.0000300	0.000000852		7147727
233'44'6-HexaCB-(158)	ng/g	0.0249	0.0021	0.0097				7147727
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0097				7147727
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.0097				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0097				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.0097				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0039 (1)	0.0039	0.0097				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.0097				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0131	0.0022	0.0097	0.0000300	0.000000393		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.0097	0.0300	0.0000720		7147727

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'5-HeptaCB-(170)	ng/g	0.0256	0.0019	0.0097				7147727
HeptaCB-(171)+(173)	ng/g	0.0107	0.0025	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0052	0.0026	0.0097				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0083	0.0023	0.0097				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0097				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0034	0.0034	0.0097				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	0.0029	0.0025	0.0097				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0160	0.0046	0.0097				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0065	0.0032	0.0097				7147727
HeptaCB-(180)+(193)	ng/g	0.0796	0.0019	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0097				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0043	0.0043	0.0097				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0286	0.0025	0.0097				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0097				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0097				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0097				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0623	0.0040	0.0097				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0097				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.0097	0.0000300	0.0000000750		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0046	0.0019	0.0097				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0097				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.0097				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0075	0.0041	0.0097				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0044	0.0044	0.0097				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0051	0.0051	0.0097				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0038	0.0038	0.0097				7147727
OctaCB-(198)+(199)	ng/g	0.0123	0.0049	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0032	0.0032	0.0097				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036	0.0036	0.0097				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041 (1)	0.0041	0.0097				7147727
22'344'55'6-OctaCB-(203)	ng/g	0.0072	0.0045	0.0097				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0037	0.0037	0.0097				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.0097				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0034	0.0034	0.0097				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0031	0.0031	0.0097				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0035	0.0035	0.0097				7147727
DecaCB-(209)	ng/g	<0.0032	0.0032	0.0097				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000326		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	56						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	94						7147727
C13-22'33'44'5-HeptaCB-(170)	%	93						7147727
C13-22'33'455'66'-NonaCB-(208)	%	99						7147727
C13-22'33'55'66'-OctaCB-(202)	%	111						7147727
C13-22'33'55'6-HeptaCB-(178)	%	107						7147727
C13-22'344'55'-HeptaCB-(180)	%	90						7147727
C13-22'34'566'-HeptaCB-(188)	%	90						7147727
C13-22'44'66'-HexaCB-(155)	%	83						7147727
C13-22'466'-PentaCB-(104)	%	87						7147727
C13-22'66'-TetraCB-(54)	%	79						7147727
C13-22'6-TriCB-(19)	%	68						7147727
C13-22'-DiCB-(4)	%	69						7147727
C13-233'44'55'6-OctaCB-(205)	%	80						7147727
C13-233'44'55'-HeptaCB-(189)	%	71						7147727
C13-233'44'-PentaCB-(105)	%	67						7147727
C13-233'55'-PentaCB-(111)	%	80						7147727
C13-23'44'55'-HexaCB-(167)	%	65						7147727
C13-2344'5-PentaCB-(114)	%	65						7147727
C13-23'44'5-PentaCB-(118)	%	66						7147727
C13-2'344'5-PentaCB-(123)	%	69						7147727
C13-2-MonoCB-(1)	%	46						7147727
C13-33'44'55'-HexaCB-(169)	%	47						7147727
C13-33'44'5-PentaCB-(126)	%	63						7147727
C13-33'44'-TetraCB-(77)	%	57						7147727
C13-344'5-TetraCB-(81)	%	58						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-344'-TriCB-(37)	%	57						7147727
C13-44'-DiCB-(15)	%	60						7147727
C13-4-MonoCB-(3)	%	46						7147727
C13-DecaCB-(209)	%	111						7147727
C13-HexaCB-(156)+(157)	%	65						7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.0093				7147727
3-MonoCB-(2)	ng/g	<0.00062	0.00062	0.0093				7147727
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.0093				7147727
22'-DiCB-(4)	ng/g	<0.0041	0.0041	0.0093				7147727
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0093				7147727
2,3'-DiCB-(6)	ng/g	<0.0017	0.0017	0.0093				7147727
2,4-DiCB-(7)	ng/g	<0.0019	0.0019	0.0093				7147727
2,4'-DiCB-(8)	ng/g	<0.0016	0.0016	0.0093				7147727
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.0093				7147727
2,6-DiCB-(10)	ng/g	<0.0054	0.0054	0.0093				7147727
3,3'-DiCB-(11)	ng/g	<0.0084 (1)	0.0084	0.0093				7147727
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.0017	0.0017	0.0093				7147727
4,4'-DiCB-(15)	ng/g	<0.0028	0.0028	0.0093				7147727
22'3-TriCB-(16)	ng/g	<0.0047	0.0047	0.0093				7147727
22'4-TriCB-(17)	ng/g	<0.0031	0.0031	0.0093				7147727
TriCB-(18)+(30)	ng/g	<0.0024	0.0024	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0019	0.0019	0.0093				7147727
TriCB-(20) + (28)	ng/g	0.00842	0.00086	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.00082	0.00082	0.019				7147727
234'-TriCB-(22)	ng/g	<0.0013 (1)	0.0013	0.0093				7147727
235-TriCB-(23)	ng/g	<0.00091	0.00091	0.0093				7147727
236-TriCB-(24)	ng/g	<0.0019	0.0019	0.0093				7147727
23'4-TriCB-(25)	ng/g	<0.00081	0.00081	0.0093				7147727
TriCB-(26)+(29)	ng/g	<0.0011 (1)	0.0011	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0093				7147727
24'5-TriCB-(31)	ng/g	0.00656	0.00083	0.0093				7147727
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.0093				7147727
23'5'-TriCB-(34)	ng/g	<0.00091	0.00091	0.0093				7147727
33'4-TriCB-(35)	ng/g	<0.00088	0.00088	0.0093				7147727
33'5-TriCB-(36)	ng/g	<0.00078	0.00078	0.0093				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.0093				7147727
345-TriCB-(38)	ng/g	<0.00087	0.00087	0.0093				7147727
34'5-TriCB-(39)	ng/g	<0.00083	0.00083	0.0093				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0014	0.0014	0.028				7147727
22'34'-TetraCB-(42)	ng/g	<0.0014	0.0014	0.0093				7147727
22'35-TetraCB-(43)	ng/g	<0.0019	0.0019	0.0093				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0207	0.0013	0.028				7147727
TetraCB-(45)+(51)	ng/g	<0.0014	0.0014	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0093				7147727
22'45-TetraCB-(48)	ng/g	<0.0014	0.0014	0.0093				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0142	0.0012	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0014	0.0014	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0590	0.0015	0.0093				7147727
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0093				7147727
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0093				7147727
233'4'-Tetra CB(56)	ng/g	0.0051	0.0022	0.0093				7147727
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0093				7147727
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0093				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0026	0.0011	0.028				7147727
2344'-TetraCB -(60)	ng/g	0.0120	0.0021	0.0093				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0769	0.0020	0.037				7147727
234'5-TetraCB-(63)	ng/g	<0.0021	0.0021	0.0093				7147727
234'6-TetraCB-(64)	ng/g	0.0087	0.0011	0.0093				7147727
23'44'-TetraCB-(66)	ng/g	0.0446	0.0021	0.0093				7147727
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0093				7147727
23'45'-TetraCB-(68)	ng/g	<0.0020	0.0020	0.0093				7147727
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0093				7147727
23'5'6-TetraCB-(73)	ng/g	<0.00098	0.00098	0.0093				7147727
33'44'-TetraCB-(77)	ng/g	<0.0029	0.0029	0.0093	0.000100	0.000000290		7147727
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0093				7147727
33'45'-TetraCB(79)	ng/g	<0.0019	0.0019	0.0093				7147727
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0093				7147727
344'5-TetraCB-(81)	ng/g	<0.0028	0.0028	0.0093	0.000300	0.000000840		7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0016	0.0016	0.0093				7147727
PentaCB-(83)+(99)	ng/g	0.162	0.0016	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0036	0.0016	0.0093				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0317	0.0012	0.028				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.029 (1)	0.029	0.056				7147727
PentaCB-(88)+(91)	ng/g	<0.0021 (1)	0.0021	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0016	0.0016	0.0093				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.125	0.0013	0.028				7147727
22'355'-PentaCB-(92)	ng/g	0.0339	0.0015	0.0093				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0014	0.0014	0.037				7147727
22'356'-PentaCB-(94)	ng/g	<0.0016	0.0016	0.0093				7147727
22'35'6-PentaCB-(95)	ng/g	0.0380	0.0015	0.0093				7147727
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0093				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0013	0.0013	0.0093				7147727
22'466'-PentaCB-(104)	ng/g	<0.00058	0.00058	0.0093				7147727
233'44'-PentaCB-(105)	ng/g	0.0809	0.0018	0.0093	0.0000300	0.00000243		7147727
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0093				7147727
233'4'5-PentaCB-(107)	ng/g	0.0144	0.0014	0.0093				7147727
PentaCB-(108)+(124)	ng/g	0.0051	0.0015	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.103	0.0012	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0093				7147727
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0093				7147727
2344'5-PentaCB-(114)	ng/g	0.0047	0.0018	0.0093	0.0000300	0.000000141		7147727
23'44'5-PentaCB-(118)	ng/g	0.236	0.0018	0.0093	0.0000300	0.00000708		7147727
23'455'-PentaCB-(120)	ng/g	<0.0013 (1)	0.0013	0.0093				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0011	0.0011	0.0093				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0093				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0020 (1)	0.0020	0.0093	0.0000300	0.0000000600		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.0093	0.100	0.000170		7147727
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0093				7147727
HexaCB-(128)+(166)	ng/g	0.0493	0.0016	0.019				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.340	0.0017	0.028				7147727

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0048	0.0021	0.0093				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0022	0.0022	0.0093				7147727
22'33'46'-HexaCB-(132)	ng/g	<0.0086 (1)	0.0086	0.0093				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0070	0.0020	0.0093				7147727
HexaCB-(134)+(143)	ng/g	<0.0032 (1)	0.0032	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0522	0.0022	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0044 (1)	0.0044	0.0093				7147727
22'344'5-HexaCB-(137)	ng/g	0.0204	0.0024	0.0093				7147727
HexaCB-(139)+(140)	ng/g	<0.0029 (1)	0.0029	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	<0.014 (1)	0.014	0.0093				7147727
22'3456-HexaCB-(142)	ng/g	<0.0020	0.0020	0.0093				7147727
22'345'6-HexaCB-(144)	ng/g	0.0033	0.0022	0.0093				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0017	0.0017	0.0093				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0394	0.0018	0.0093				7147727
HexaCB-(147)+(149)	ng/g	0.0254	0.0020	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0023	0.0023	0.0093				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0016	0.0016	0.0093				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0016	0.0016	0.0093				7147727
HexaCB-(153)+(168)	ng/g	0.426	0.0015	0.0093				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0050 (1)	0.0050	0.0093				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.00084	0.00084	0.0093				7147727
HexaCB-(156)+(157)	ng/g	0.0276	0.0045	0.019	0.0000300	0.000000828		7147727
233'44'6-HexaCB-(158)	ng/g	0.0246	0.0013	0.0093				7147727
233'455'-HexaCB-(159)	ng/g	<0.0037	0.0037	0.0093				7147727
233'456-HexaCB-(160)	ng/g	<0.0015	0.0015	0.0093				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0093				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0036	0.0036	0.0093				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0047 (1)	0.0047	0.0093				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0093				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0116	0.0043	0.0093	0.0000300	0.000000348		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0046	0.0046	0.0093	0.0300	0.000138		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0226	0.0022	0.0093				7147727

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0102	0.0028	0.019				7147727
22'33'455'-HeptaCB-(172)	ng/g	0.0045	0.0029	0.0093				7147727
22'33'456'-HeptaCB-(174)	ng/g	0.0067	0.0026	0.0093				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0031	0.0031	0.0093				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0023	0.0023	0.0093				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0028	0.0028	0.0093				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0129	0.0032	0.0093				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0075	0.0022	0.0093				7147727
HeptaCB-(180)+(193)	ng/g	0.0688	0.0021	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0028	0.0028	0.0093				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0029	0.0029	0.0093				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0257	0.0028	0.0093				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0022	0.0022	0.0093				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.0093				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0093				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0422	0.0028	0.0093				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0093				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.0093	0.0000300	0.0000000540		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0052	0.0022	0.0093				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0022	0.0022	0.0093				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0023	0.0023	0.0093				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0060 (1)	0.0060	0.0093				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0093				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0049	0.0049	0.0093				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.0093				7147727
OctaCB-(198)+(199)	ng/g	0.0079	0.0048	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0031	0.0031	0.0093				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0034	0.0034	0.0093				7147727
22'33'55'66'-OctaCB-(202)	ng/g	0.0037	0.0028	0.0093				7147727
22'344'55'6-OctaCB-(203)	ng/g	0.0067	0.0044	0.0093				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.0093				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0028	0.0028	0.0093				7147727

EDL = Estimated Detection Limit

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0027	0.0027	0.0093				7147727
22'33'44'566'-NonaCB-(207)	ng/g	<0.0025	0.0025	0.0093				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0028	0.0028	0.0093				7147727
DecaCB-(209)	ng/g	<0.0027	0.0027	0.0093				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000320		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	103						7147727
C13-22'33'44'5-HeptaCB-(170)	%	107						7147727
C13-22'33'455'66'-NonaCB-(208)	%	111						7147727
C13-22'33'55'66'-OctaCB-(202)	%	126						7147727
C13-22'33'55'6-HeptaCB-(178)	%	112						7147727
C13-22'344'55'-HeptaCB-(180)	%	105						7147727
C13-22'34'566'-HeptaCB-(188)	%	103						7147727
C13-22'44'66'-HexaCB-(155)	%	97						7147727
C13-22'466'-PentaCB-(104)	%	92						7147727
C13-22'66'-TetraCB-(54)	%	90						7147727
C13-22'6-TriCB-(19)	%	81						7147727
C13-22'-DiCB-(4)	%	83						7147727
C13-233'44'55'6-OctaCB-(205)	%	89						7147727
C13-233'44'55'-HeptaCB-(189)	%	84						7147727
C13-233'44'-PentaCB-(105)	%	72						7147727
C13-233'55'-PentaCB-(111)	%	85						7147727
C13-23'44'55'-HexaCB-(167)	%	71						7147727
C13-2344'5-PentaCB-(114)	%	70						7147727
C13-23'44'5-PentaCB-(118)	%	72						7147727
C13-2'344'5-PentaCB-(123)	%	73						7147727
C13-2-MonoCB-(1)	%	53						7147727
C13-33'44'55'-HexaCB-(169)	%	51						7147727
C13-33'44'5-PentaCB-(126)	%	66						7147727
C13-33'44'-TetraCB-(77)	%	64						7147727
C13-344'5-TetraCB-(81)	%	65						7147727
C13-344'-TriCB-(37)	%	61						7147727

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	68						7147727
C13-4-MonoCB-(3)	%	53						7147727
C13-DecaCB-(209)	%	125						7147727
C13-HexaCB-(156)+(157)	%	69						7147727

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012 (1)	0.0012	0.0095				7147727
3-MonoCB-(2)	ng/g	0.00267	0.00063	0.0095				7147727
4-MonoCB-(3)	ng/g	0.00223	0.00068	0.0095				7147727
22'-DiCB-(4)	ng/g	<0.0013	0.0013	0.0095				7147727
2,3-DiCB-(5)	ng/g	<0.00078	0.00078	0.0095				7147727
2,3'-DiCB-(6)	ng/g	<0.00064	0.00064	0.0095				7147727
2,4-DiCB-(7)	ng/g	<0.00063	0.00063	0.0095				7147727
2,4'-DiCB-(8)	ng/g	<0.00055	0.00055	0.0095				7147727
2,5-DiCB-(9)	ng/g	<0.00064	0.00064	0.0095				7147727
2,6-DiCB-(10)	ng/g	<0.0017	0.0017	0.0095				7147727
3,3'-DiCB-(11)	ng/g	<0.0076 (1)	0.0076	0.0095				7147727
DiCB-(12)+(13)	ng/g	<0.00064	0.00064	0.019				7147727
3,5-DiCB-(14)	ng/g	<0.00064	0.00064	0.0095				7147727
4,4'-DiCB-(15)	ng/g	<0.0010	0.0010	0.0095				7147727
22'3-TriCB-(16)	ng/g	<0.0045	0.0045	0.0095				7147727
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0095				7147727
TriCB-(18)+(30)	ng/g	0.0025	0.0017	0.019				7147727
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0095				7147727
TriCB-(20) + (28)	ng/g	0.0160	0.00073	0.019				7147727
TriCB-(21)+(33)	ng/g	<0.00071	0.00071	0.019				7147727
234'-TriCB-(22)	ng/g	0.00287	0.00078	0.0095				7147727
235-TriCB-(23)	ng/g	<0.00083	0.00083	0.0095				7147727
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0095				7147727
23'4-TriCB-(25)	ng/g	<0.00066	0.00066	0.0095				7147727
TriCB-(26)+(29)	ng/g	0.00220	0.00075	0.019				7147727
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0095				7147727
24'5-TriCB-(31)	ng/g	0.0121	0.00072	0.0095				7147727
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0095				7147727
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0095				7147727
33'4-TriCB-(35)	ng/g	<0.00079	0.00079	0.0095				7147727
33'5-TriCB-(36)	ng/g	<0.00068	0.00068	0.0095				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0095				7147727
345-TriCB-(38)	ng/g	<0.00077	0.00077	0.0095				7147727
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.0095				7147727
TetraCB-(40)+(41)+(71)	ng/g	0.0036	0.0020	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.0095				7147727
22'35-TetraCB-(43)	ng/g	<0.0027	0.0027	0.0095				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0322	0.0018	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.019				7147727
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0095				7147727
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0095				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	0.0219	0.0017	0.019				7147727
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.019				7147727
22'55'-TetraCB-(52)	ng/g	0.0815	0.0020	0.0095				7147727
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0095				7147727
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0095				7147727
233'4'-Tetra CB(56)	ng/g	0.0078	0.0016	0.0095				7147727
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0095				7147727
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0095				7147727
TetraCB-(59)+(62)+(75)	ng/g	0.0031	0.0015	0.029				7147727
2344'-TetraCB -(60)	ng/g	0.0125	0.0016	0.0095				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.102	0.0015	0.038				7147727
234'5-TetraCB-(63)	ng/g	0.0030	0.0015	0.0095				7147727
234'6-TetraCB-(64)	ng/g	0.0153	0.0015	0.0095				7147727
23'44'-TetraCB-(66)	ng/g	0.0613	0.0015	0.0095				7147727
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0095				7147727
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0095				7147727
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0095				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0095				7147727
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.0095	0.000100	0.000000210		7147727
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0095				7147727
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0095				7147727
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0095				7147727
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0095	0.000300	0.000000630		7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.0095				7147727
PentaCB-(83)+(99)	ng/g	0.195	0.0035	0.019				7147727
22'33'6-PentaCB-(84)	ng/g	0.0095	0.0034	0.0095				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0289	0.0025	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0443	0.0026	0.057				7147727
PentaCB-(88)+(91)	ng/g	0.0066	0.0031	0.019				7147727
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0095				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.169	0.0027	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0357	0.0032	0.0095				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0030	0.0030	0.038				7147727
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0095				7147727
22'35'6-PentaCB-(95)	ng/g	0.0621	0.0030	0.0095				7147727
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.0095				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0028	0.0028	0.0095				7147727
22'466'-PentaCB-(104)	ng/g	<0.0012	0.0012	0.0095				7147727
233'44'-PentaCB-(105)	ng/g	0.0833	0.0017	0.0095	0.0000300	0.00000250		7147727
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0095				7147727
233'4'5-PentaCB-(107)	ng/g	0.0166	0.0013	0.0095				7147727
PentaCB-(108)+(124)	ng/g	0.0052	0.0014	0.019				7147727
PentaCB-(110)+(115)	ng/g	0.132	0.0024	0.019				7147727
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0095				7147727
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0095				7147727
2344'5-PentaCB-(114)	ng/g	0.0046	0.0017	0.0095	0.0000300	0.000000138		7147727
23'44'5-PentaCB-(118)	ng/g	0.238	0.0017	0.0095	0.0000300	0.00000714		7147727
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0095				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0095				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0095				7147727
23'44'5'-PentaCB-(123)	ng/g	0.0035	0.0019	0.0095	0.0000300	0.000000105		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.0095	0.100	0.000170		7147727
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0095				7147727
HexaCB-(128)+(166)	ng/g	0.0380	0.0033	0.019				7147727
HexaCB-(129)+(138)+(163)	ng/g	0.335	0.0033	0.029				7147727
22'33'45'-HexaCB-(130)	ng/g	0.0093	0.0043	0.0095				7147727

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0042	0.0042	0.0095				7147727
22'33'46'-HexaCB-(132)	ng/g	0.0187	0.0041	0.0095				7147727
22'33'55'-HexaCB-(133)	ng/g	0.0071	0.0039	0.0095				7147727
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.019				7147727
HexaCB-(135)+(151)	ng/g	0.0529	0.0076	0.019				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0065 (1)	0.0065	0.0095				7147727
22'344'5-HexaCB-(137)	ng/g	0.0170	0.0046	0.0095				7147727
HexaCB-(139)+(140)	ng/g	<0.0036	0.0036	0.019				7147727
22'3455'-HexaCB-(141)	ng/g	0.0232	0.0036	0.0095				7147727
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0095				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0076	0.0076	0.0095				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0058	0.0058	0.0095				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0520	0.0035	0.0095				7147727
HexaCB-(147)+(149)	ng/g	0.0549	0.0036	0.019				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0077	0.0077	0.0095				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.0095				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0055	0.0055	0.0095				7147727
HexaCB-(153)+(168)	ng/g	0.411	0.0030	0.0095				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0066	0.0066	0.0095				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0030	0.0030	0.0095				7147727
HexaCB-(156)+(157)	ng/g	0.0243	0.0021	0.019	0.0000300	0.000000729		7147727
233'44'6-HexaCB-(158)	ng/g	0.0221	0.0026	0.0095				7147727
233'455'-HexaCB-(159)	ng/g	<0.0017	0.0017	0.0095				7147727
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0095				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0095				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0095				7147727
233'4'5'6-HexaCB-(164)	ng/g	0.0079	0.0025	0.0095				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.0095				7147727
23'44'55'-HexaCB-(167)	ng/g	0.0120	0.0020	0.0095	0.0000300	0.000000360		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0095	0.0300	0.0000630		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0200	0.0023	0.0095				7147727
HeptaCB-(171)+(173)	ng/g	0.0088	0.0029	0.019				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0048	0.0031	0.0095				7147727
22'33'456'-HeptaCB-(174)	ng/g	<0.0071 (1)	0.0071	0.0095				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0059	0.0059	0.0095				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0045	0.0045	0.0095				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0053 (1)	0.0053	0.0095				7147727
22'33'55'6-HeptaCB-(178)	ng/g	0.0134	0.0063	0.0095				7147727
22'33'566'-HeptaCB-(179)	ng/g	0.0093	0.0044	0.0095				7147727
HeptaCB-(180)+(193)	ng/g	0.0617	0.0022	0.019				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0095				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0057	0.0057	0.0095				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0300	0.0033	0.0095				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.0095				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0095				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0046	0.0046	0.0095				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0575	0.0057	0.0095				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0095				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0018	0.0018	0.0095	0.0000300	0.0000000540		7147727
233'44'56-HeptaCB-(190)	ng/g	0.0040	0.0023	0.0095				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0095				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0024	0.0024	0.0095				7147727
22'33'44'55'-OctaCB-(194)	ng/g	0.0057	0.0030	0.0095				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0032	0.0032	0.0095				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0063	0.0063	0.0095				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0047	0.0047	0.0095				7147727
OctaCB-(198)+(199)	ng/g	0.0088	0.0061	0.019				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0040	0.0040	0.0095				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0044	0.0044	0.0095				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038 (1)	0.0038	0.0095				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0056	0.0056	0.0095				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0045	0.0045	0.0095				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0032	0.0032	0.0095				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0037	0.0037	0.0095				7147727

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0034	0.0034	0.0095				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0038	0.0038	0.0095				7147727
DecaCB-(209)	ng/g	<0.0039	0.0039	0.0095				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000245		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	41						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	105						7147727
C13-22'33'44'5-HeptaCB-(170)	%	104						7147727
C13-22'33'455'66'-NonaCB-(208)	%	106						7147727
C13-22'33'55'66'-OctaCB-(202)	%	121						7147727
C13-22'33'55'6-HeptaCB-(178)	%	71						7147727
C13-22'344'55'-HeptaCB-(180)	%	99						7147727
C13-22'34'566'-HeptaCB-(188)	%	101						7147727
C13-22'44'66'-HexaCB-(155)	%	103						7147727
C13-22'466'-PentaCB-(104)	%	95						7147727
C13-22'66'-TetraCB-(54)	%	86						7147727
C13-22'6-TriCB-(19)	%	78						7147727
C13-22'-DiCB-(4)	%	84						7147727
C13-233'44'55'6-OctaCB-(205)	%	88						7147727
C13-233'44'55'-HeptaCB-(189)	%	79						7147727
C13-233'44'-PentaCB-(105)	%	68						7147727
C13-233'55'-PentaCB-(111)	%	54						7147727
C13-23'44'55'-HexaCB-(167)	%	70						7147727
C13-2344'5-PentaCB-(114)	%	70						7147727
C13-23'44'5-PentaCB-(118)	%	70						7147727
C13-2'344'5-PentaCB-(123)	%	70						7147727
C13-2-MonoCB-(1)	%	52						7147727
C13-33'44'55'-HexaCB-(169)	%	51						7147727
C13-33'44'5-PentaCB-(126)	%	63						7147727
C13-33'44'-TetraCB-(77)	%	63						7147727
C13-344'5-TetraCB-(81)	%	65						7147727
C13-344'-TriCB-(37)	%	63						7147727
C13-44'-DiCB-(15)	%	72						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	52						7147727
C13-DecaCB-(209)	%	126						7147727
C13-HexaCB-(156)+(157)	%	70						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0098				7147727
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0098				7147727
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0098				7147727
22'-DiCB-(4)	ng/g	<0.0019	0.0019	0.0098				7147727
2,3-DiCB-(5)	ng/g	<0.013	0.013	0.0098				7147727
2,3'-DiCB-(6)	ng/g	<0.011	0.011	0.0098				7147727
2,4-DiCB-(7)	ng/g	<0.011	0.011	0.0098				7147727
2,4'-DiCB-(8)	ng/g	<0.0092	0.0092	0.0098				7147727
2,5-DiCB-(9)	ng/g	<0.011	0.011	0.0098				7147727
2,6-DiCB-(10)	ng/g	<0.0025	0.0025	0.0098				7147727
3,3'-DiCB-(11)	ng/g	<0.011	0.011	0.0098				7147727
DiCB-(12)+(13)	ng/g	<0.011	0.011	0.020				7147727
3,5-DiCB-(14)	ng/g	<0.011	0.011	0.0098				7147727
4,4'-DiCB-(15)	ng/g	<0.017	0.017	0.0098				7147727
22'3-TriCB-(16)	ng/g	<0.0056	0.0056	0.0098				7147727
22'4-TriCB-(17)	ng/g	<0.0026	0.0026	0.0098				7147727
TriCB-(18)+(30)	ng/g	<0.0022	0.0022	0.020				7147727
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0098				7147727
TriCB-(20) + (28)	ng/g	0.0037	0.0011	0.020				7147727
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020				7147727
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.0098				7147727
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0098				7147727
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0098				7147727
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0098				7147727
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7147727
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0098				7147727
24'5-TriCB-(31)	ng/g	<0.0019 (1)	0.0019	0.0098				7147727
24'6-TriCB-(32)	ng/g	<0.0018	0.0018	0.0098				7147727
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0098				7147727
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0098				7147727
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0098				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0098				7147727
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0098				7147727
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0098				7147727
TetraCB-(40)+(41)+(71)	ng/g	<0.0025	0.0025	0.029				7147727
22'34'-TetraCB-(42)	ng/g	<0.0027	0.0027	0.0098				7147727
22'35-TetraCB-(43)	ng/g	<0.0034	0.0034	0.0098				7147727
TetraCB-(44)+(47)+(65)	ng/g	0.0055	0.0023	0.029				7147727
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.020				7147727
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0098				7147727
22'45-TetraCB-(48)	ng/g	<0.0025	0.0025	0.0098				7147727
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0027 (1)	0.0027	0.020				7147727
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.020				7147727
22'55'-TetraCB-(52)	ng/g	0.0101	0.0026	0.0098				7147727
22'66'-TetraCB-(54)	ng/g	<0.0027	0.0027	0.0098				7147727
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0098				7147727
233'4'-Tetra CB(56)	ng/g	<0.0016	0.0016	0.0098				7147727
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0098				7147727
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0098				7147727
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.029				7147727
2344'-TetraCB -(60)	ng/g	<0.0016	0.0016	0.0098				7147727
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0089	0.0015	0.039				7147727
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0098				7147727
234'6-TetraCB-(64)	ng/g	<0.0019	0.0019	0.0098				7147727
23'44'-TetraCB-(66)	ng/g	0.0111	0.0015	0.0098				7147727
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0098				7147727
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0098				7147727
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0098				7147727
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0098				7147727
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.0098	0.000100	0.000000200		7147727
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0098				7147727
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0098				7147727
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0098				7147727

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0098	0.000300	0.000000600		7147727
22'33'4-PentaCB-(82)	ng/g	<0.0026	0.0026	0.0098				7147727
PentaCB-(83)+(99)	ng/g	0.0285	0.0025	0.020				7147727
22'33'6-PentaCB-(84)	ng/g	<0.0025	0.0025	0.0098				7147727
PentaCB-(85)+(116)+(117)	ng/g	0.0075	0.0018	0.029				7147727
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0065	0.0019	0.059				7147727
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.020				7147727
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0098				7147727
PentaCB-(90)+(101)+(113)	ng/g	0.0178	0.0019	0.029				7147727
22'355'-PentaCB-(92)	ng/g	0.0060	0.0023	0.0098				7147727
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.039				7147727
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0098				7147727
22'35'6-PentaCB-(95)	ng/g	0.0044	0.0022	0.0098				7147727
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.0098				7147727
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0098				7147727
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0098				7147727
233'44'-PentaCB-(105)	ng/g	0.0079	0.0022	0.0098	0.0000300	0.000000237		7147727
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0098				7147727
233'4'5-PentaCB-(107)	ng/g	<0.0017	0.0017	0.0098				7147727
PentaCB-(108)+(124)	ng/g	<0.0018	0.0018	0.020				7147727
PentaCB-(110)+(115)	ng/g	<0.0082 (1)	0.0082	0.020				7147727
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0098				7147727
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0098				7147727
2344'5-PentaCB-(114)	ng/g	<0.0022	0.0022	0.0098	0.0000300	0.0000000660		7147727
23'44'5-PentaCB-(118)	ng/g	0.0231	0.0022	0.0098	0.0000300	0.000000693		7147727
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0098				7147727
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0098				7147727
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0098				7147727
23'44'5'-PentaCB-(123)	ng/g	<0.0024	0.0024	0.0098	0.0000300	0.0000000720		7147727
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0098	0.100	0.000210		7147727
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0098				7147727
HexaCB-(128)+(166)	ng/g	0.0069	0.0034	0.020				7147727

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(129)+(138)+(163)	ng/g	0.0464	0.0035	0.029				7147727
22'33'45'-HexaCB-(130)	ng/g	<0.0045	0.0045	0.0098				7147727
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0098				7147727
22'33'46'-HexaCB-(132)	ng/g	<0.0043	0.0043	0.0098				7147727
22'33'55'-HexaCB-(133)	ng/g	<0.0041	0.0041	0.0098				7147727
HexaCB-(134)+(143)	ng/g	<0.0045	0.0045	0.020				7147727
HexaCB-(135)+(151)	ng/g	0.0086	0.0066	0.020				7147727
22'33'66'-HexaCB-(136)	ng/g	<0.0049	0.0049	0.0098				7147727
22'344'5-HexaCB-(137)	ng/g	<0.0048	0.0048	0.0098				7147727
HexaCB-(139)+(140)	ng/g	<0.0037	0.0037	0.020				7147727
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0098				7147727
22'3456-HexaCB-(142)	ng/g	<0.0043	0.0043	0.0098				7147727
22'345'6-HexaCB-(144)	ng/g	<0.0066	0.0066	0.0098				7147727
22'3466'-HexaCB-(145)	ng/g	<0.0051	0.0051	0.0098				7147727
22'34'55'-HexaCB-(146)	ng/g	0.0064	0.0037	0.0098				7147727
HexaCB-(147)+(149)	ng/g	<0.0038	0.0038	0.020				7147727
22'34'56'-HexaCB-(148)	ng/g	<0.0067	0.0067	0.0098				7147727
22'34'66'-HexaCB-(150)	ng/g	<0.0049	0.0049	0.0098				7147727
22'3566'-HexaCB-(152)	ng/g	<0.0048	0.0048	0.0098				7147727
HexaCB-(153)+(168)	ng/g	0.0451	0.0031	0.0098				7147727
22'44'56'-HexaCB-(154)	ng/g	<0.0057	0.0057	0.0098				7147727
22'44'66'-HexaCB-(155)	ng/g	<0.0026	0.0026	0.0098				7147727
HexaCB-(156)+(157)	ng/g	0.0045	0.0021	0.020	0.0000300	0.000000135		7147727
233'44'6-HexaCB-(158)	ng/g	<0.0027	0.0027	0.0098				7147727
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0098				7147727
233'456-HexaCB-(160)	ng/g	<0.0033	0.0033	0.0098				7147727
233'45'6-HexaCB-(161)	ng/g	<0.0029	0.0029	0.0098				7147727
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0098				7147727
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.0098				7147727
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0098				7147727
23'44'55'-HexaCB-(167)	ng/g	<0.0020	0.0020	0.0098	0.0000300	0.0000000600		7147727
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0098	0.0300	0.0000630		7147727
22'33'44'5-HeptaCB-(170)	ng/g	0.0054	0.0023	0.0098				7147727

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	<0.0029	0.0029	0.020				7147727
22'33'455'-HeptaCB-(172)	ng/g	<0.0031	0.0031	0.0098				7147727
22'33'456'-HeptaCB-(174)	ng/g	<0.0028	0.0028	0.0098				7147727
22'33'45'6-HeptaCB-(175)	ng/g	<0.0048	0.0048	0.0098				7147727
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.0098				7147727
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0030	0.0030	0.0098				7147727
22'33'55'6-HeptaCB-(178)	ng/g	<0.0051	0.0051	0.0098				7147727
22'33'566'-HeptaCB-(179)	ng/g	<0.0035	0.0035	0.0098				7147727
HeptaCB-(180)+(193)	ng/g	0.0099	0.0023	0.020				7147727
22'344'56-HeptaCB-(181)	ng/g	<0.0029	0.0029	0.0098				7147727
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.0098				7147727
22'344'5'6-HeptaCB-(183)	ng/g	0.0052	0.0034	0.0098				7147727
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.0098				7147727
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0098				7147727
22'34566'-HeptaCB-(186)	ng/g	<0.0038	0.0038	0.0098				7147727
22'34'55'6-HeptaCB-(187)	ng/g	0.0085	0.0046	0.0098				7147727
22'34'566'-HeptaCB-(188)	ng/g	<0.0027	0.0027	0.0098				7147727
233'44'55'-HeptaCB-(189)	ng/g	<0.0019	0.0019	0.0098	0.0000300	0.0000000570		7147727
233'44'56-HeptaCB-(190)	ng/g	<0.0023	0.0023	0.0098				7147727
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0098				7147727
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0098				7147727
22'33'44'55'-OctaCB-(194)	ng/g	<0.0032	0.0032	0.0098				7147727
22'33'44'56-OctaCB-(195)	ng/g	<0.0034	0.0034	0.0098				7147727
22'33'44'56'-OctaCB-(196)	ng/g	<0.0070	0.0070	0.0098				7147727
22'33'44'66'OctaCB-(197)	ng/g	<0.0052	0.0052	0.0098				7147727
OctaCB-(198)+(199)	ng/g	<0.0067	0.0067	0.020				7147727
22'33'4566'-OctaCB-(200)	ng/g	<0.0044	0.0044	0.0098				7147727
22'33'45'66'-OctaCB-(201)	ng/g	<0.0048	0.0048	0.0098				7147727
22'33'55'66'-OctaCB-(202)	ng/g	<0.0038	0.0038	0.0098				7147727
22'344'55'6-OctaCB-(203)	ng/g	<0.0062	0.0062	0.0098				7147727
22'344'566'-OctaCB-(204)	ng/g	<0.0050	0.0050	0.0098				7147727
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0098				7147727
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0031	0.0031	0.0098				7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0027	0.0027	0.0098				7147727
22'33'455'66'-NonaCB-(208)	ng/g	<0.0031	0.0031	0.0098				7147727
DecaCB-(209)	ng/g	<0.0075	0.0075	0.0098				7147727
TOTAL TOXIC EQUIVALENCY	ng/g					0.000275		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	49						7147727
C13-22'33'44'55'6-NonaCB-(206)	%	103						7147727
C13-22'33'44'5-HeptaCB-(170)	%	102						7147727
C13-22'33'455'66'-NonaCB-(208)	%	111						7147727
C13-22'33'55'66'-OctaCB-(202)	%	124						7147727
C13-22'33'55'6-HeptaCB-(178)	%	84						7147727
C13-22'344'55'-HeptaCB-(180)	%	105						7147727
C13-22'34'566'-HeptaCB-(188)	%	95						7147727
C13-22'44'66'-HexaCB-(155)	%	96						7147727
C13-22'466'-PentaCB-(104)	%	86						7147727
C13-22'66'-TetraCB-(54)	%	83						7147727
C13-22'6-TriCB-(19)	%	74						7147727
C13-22'-DiCB-(4)	%	79						7147727
C13-233'44'55'6-OctaCB-(205)	%	88						7147727
C13-233'44'55'-HeptaCB-(189)	%	83						7147727
C13-233'44'-PentaCB-(105)	%	66						7147727
C13-233'55'-PentaCB-(111)	%	63						7147727
C13-23'44'55'-HexaCB-(167)	%	69						7147727
C13-2344'5-PentaCB-(114)	%	66						7147727
C13-23'44'5-PentaCB-(118)	%	67						7147727
C13-2'344'5-PentaCB-(123)	%	65						7147727
C13-2-MonoCB-(1)	%	49						7147727
C13-33'44'55'-HexaCB-(169)	%	49						7147727
C13-33'44'5-PentaCB-(126)	%	62						7147727
C13-33'44'-TetraCB-(77)	%	66						7147727
C13-344'5-TetraCB-(81)	%	64						7147727
C13-344'-TriCB-(37)	%	59						7147727
C13-44'-DiCB-(15)	%	67						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	49						7147727
C13-DecaCB-(209)	%	109						7147727
C13-HexaCB-(156)+(157)	%	66						7147727

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00053	0.00053	0.0099				7162464
3-MonoCB-(2)	ng/g	<0.00049	0.00049	0.0099				7162464
4-MonoCB-(3)	ng/g	<0.00053	0.00053	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.0047	0.0047	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.0042	0.0042	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.0035	0.0035	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.0034	0.0034	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.0030	0.0030	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.0035	0.0035	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.0061	0.0061	0.0099				7162464
3,3'-DiCB-(11)	ng/g	0.0128	0.0036	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.0035	0.0035	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.0035	0.0035	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.0057	0.0057	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.0094	0.0094	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.0099				7162464
TriCB-(18)+(30)	ng/g	<0.0037	0.0037	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.0045	0.0013	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7162464
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.0099				7162464
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099				7162464
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.0013	0.0013	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.0034	0.0012	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.0030	0.0030	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0099				7162464
344'-TriCB-(37)	ng/g	<0.0021	0.0021	0.0099				7162464
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0099				7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0035	0.0018	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0022 (1)	0.0022	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0071	0.0020	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.0011	0.0011	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.0014	0.0014	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.0015	0.0015	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0120	0.0014	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0099				7162464
234'6-TetraCB-(64)	ng/g	0.0019	0.0015	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.0067	0.0014	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	<0.0019	0.0019	0.0099	0.000100	0.000000190		7162464
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0099	0.000300	0.000000570		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(83)+(99)	ng/g	0.0110	0.0012	0.020				7162464

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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(85)+(116)+(117)	ng/g	<0.0018 (1)	0.0018	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00439	0.00090	0.059				7162464
PentaCB-(88)+(91)	ng/g	<0.0011	0.0011	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0121	0.00092	0.030				7162464
22'355'-PentaCB-(92)	ng/g	<0.0021 (1)	0.0021	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0012	0.0012	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	0.0050	0.0010	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.0013	0.0013	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.00098	0.00098	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.00067	0.00067	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	0.0041	0.0014	0.0099	0.0000300	0.000000123		7162464
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	<0.0011	0.0011	0.0099				7162464
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020				7162464
PentaCB-(110)+(115)	ng/g	<0.0068 (1)	0.0068	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.00080	0.00080	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.00072	0.00072	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420		7162464
23'44'5-PentaCB-(118)	ng/g	0.0116	0.0014	0.0099	0.0000300	0.000000348		7162464
23'455'-PentaCB-(120)	ng/g	<0.00078	0.00078	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.00081	0.00081	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140		7162464
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0099				7162464
HexaCB-(128)+(166)	ng/g	<0.0025	0.0025	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	<0.015 (1)	0.015	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0033	0.0033	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0032	0.0032	0.0099				7162464

EDL = Estimated Detection Limit
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0030	0.0030	0.0099				7162464
HexaCB-(134)+(143)	ng/g	<0.0033	0.0033	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0040	0.0040	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0030	0.0030	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0036	0.0036	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.0027	0.0027	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0028	0.0028	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0040	0.0040	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0029	0.0027	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.0089	0.0028	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0040	0.0040	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.0205	0.0023	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0035	0.0035	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.0099				7162464
HexaCB-(156)+(157)	ng/g	<0.0016	0.0016	0.020	0.0000300	0.0000000480		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0020	0.0020	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.0013	0.0013	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0019	0.0019	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0099	0.0300	0.0000480		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0026	0.0026	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	<0.0034	0.0034	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0036	0.0036	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0032	0.0032	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0034	0.0034	0.0099				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0046	0.0046	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0032	0.0032	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	<0.0028 (1)	0.0028	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0038	0.0038	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0027	0.0027	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0043	0.0041	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0027	0.0027	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0026	0.0026	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0028	0.0028	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0020	0.0020	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0022	0.0022	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0032	0.0032	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0023	0.0023	0.0099				7162464
OctaCB-(198)+(199)	ng/g	<0.0031	0.0031	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0020	0.0020	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0022	0.0022	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0028	0.0028	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0023	0.0023	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0021	0.0021	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0019	0.0019	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0022	0.0022	0.0099				7162464
DecaCB-(209)	ng/g	<0.0028	0.0028	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000189		

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	99						7162464
C13-22'33'44'5-HeptaCB-(170)	%	93						7162464
C13-22'33'455'66'-NonaCB-(208)	%	98						7162464
C13-22'33'55'66'-OctaCB-(202)	%	110						7162464
C13-22'33'55'6-HeptaCB-(178)	%	108						7162464
C13-22'344'55'-HeptaCB-(180)	%	94						7162464
C13-22'34'566'-HeptaCB-(188)	%	95						7162464
C13-22'44'66'-HexaCB-(155)	%	88						7162464
C13-22'466'-PentaCB-(104)	%	90						7162464
C13-22'66'-TetraCB-(54)	%	87						7162464
C13-22'6-TriCB-(19)	%	83						7162464
C13-22'-DiCB-(4)	%	88						7162464
C13-233'44'55'6-OctaCB-(205)	%	84						7162464
C13-233'44'55'-HeptaCB-(189)	%	72						7162464
C13-233'44'-PentaCB-(105)	%	65						7162464
C13-233'55'-PentaCB-(111)	%	85						7162464
C13-23'44'55'-HexaCB-(167)	%	64						7162464
C13-2344'5-PentaCB-(114)	%	65						7162464
C13-23'44'5-PentaCB-(118)	%	67						7162464
C13-2'344'5-PentaCB-(123)	%	68						7162464
C13-2-MonoCB-(1)	%	59						7162464
C13-33'44'55'-HexaCB-(169)	%	57						7162464
C13-33'44'5-PentaCB-(126)	%	64						7162464
C13-33'44'-TetraCB-(77)	%	62						7162464
C13-344'5-TetraCB-(81)	%	61						7162464
C13-344'-TriCB-(37)	%	60						7162464
C13-44'-DiCB-(15)	%	70						7162464
C13-4-MonoCB-(3)	%	58						7162464
C13-DecaCB-(209)	%	111						7162464
C13-HexaCB-(156)+(157)	%	64						7162464

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00057	0.00057	0.0097				7162464
3-MonoCB-(2)	ng/g	<0.00053	0.00053	0.0097				7162464
4-MonoCB-(3)	ng/g	<0.00088 (1)	0.00088	0.0097				7162464
22'-DiCB-(4)	ng/g	<0.0052	0.0052	0.0097				7162464
2,3-DiCB-(5)	ng/g	<0.0046	0.0046	0.0097				7162464
2,3'-DiCB-(6)	ng/g	<0.0038	0.0038	0.0097				7162464
2,4-DiCB-(7)	ng/g	<0.0037	0.0037	0.0097				7162464
2,4'-DiCB-(8)	ng/g	<0.0032	0.0032	0.0097				7162464
2,5-DiCB-(9)	ng/g	<0.0038	0.0038	0.0097				7162464
2,6-DiCB-(10)	ng/g	<0.0068	0.0068	0.0097				7162464
3,3'-DiCB-(11)	ng/g	0.0127	0.0039	0.0097				7162464
DiCB-(12)+(13)	ng/g	<0.0038	0.0038	0.019				7162464
3,5-DiCB-(14)	ng/g	<0.0038	0.0038	0.0097				7162464
4,4'-DiCB-(15)	ng/g	<0.0061	0.0061	0.0097				7162464
22'3-TriCB-(16)	ng/g	<0.0093	0.0093	0.0097				7162464
22'4-TriCB-(17)	ng/g	<0.0043	0.0043	0.0097				7162464
TriCB-(18)+(30)	ng/g	<0.0036	0.0036	0.019				7162464
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0097				7162464
TriCB-(20) + (28)	ng/g	0.0050	0.0010	0.019				7162464
TriCB-(21)+(33)	ng/g	<0.00098	0.00098	0.019				7162464
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.0097				7162464
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0097				7162464
236-TriCB-(24)	ng/g	<0.0024	0.0024	0.0097				7162464
23'4-TriCB-(25)	ng/g	<0.00091	0.00091	0.0097				7162464
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.019				7162464
23'6-TriCB-(27)	ng/g	<0.0035	0.0035	0.0097				7162464
24'5-TriCB-(31)	ng/g	0.00334	0.00099	0.0097				7162464
24'6-TriCB-(32)	ng/g	<0.0029	0.0029	0.0097				7162464
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0097				7162464
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0097				7162464
33'5-TriCB-(36)	ng/g	<0.00094	0.00094	0.0097				7162464
344'-TriCB-(37)	ng/g	<0.0017	0.0017	0.0097				7162464

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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0097				7162464
34'5-TriCB-(39)	ng/g	<0.0010	0.0010	0.0097				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0023	0.0023	0.029				7162464
22'34'-TetraCB-(42)	ng/g	<0.0024	0.0024	0.0097				7162464
22'35-TetraCB-(43)	ng/g	<0.0030	0.0030	0.0097				7162464
TetraCB-(44)+(47)+(65)	ng/g	<0.0024 (1)	0.0024	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0023	0.0023	0.019				7162464
22'36'-TetraCB-(46)	ng/g	<0.0026	0.0026	0.0097				7162464
22'45-TetraCB-(48)	ng/g	<0.0023	0.0023	0.0097				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0019	0.0019	0.019				7162464
TetraCB-(50)+(53)	ng/g	<0.0022	0.0022	0.019				7162464
22'55'-TetraCB-(52)	ng/g	<0.0044 (1)	0.0044	0.0097				7162464
22'66'-TetraCB-(54)	ng/g	<0.0016	0.0016	0.0097				7162464
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0097				7162464
233'4'-Tetra CB(56)	ng/g	<0.0022	0.0022	0.0097				7162464
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0097				7162464
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0097				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0017	0.0017	0.029				7162464
2344'-TetraCB -(60)	ng/g	<0.0022	0.0022	0.0097				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0088	0.0020	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0021	0.0021	0.0097				7162464
234'6-TetraCB-(64)	ng/g	0.0019	0.0017	0.0097				7162464
23'44'-TetraCB-(66)	ng/g	0.0052	0.0021	0.0097				7162464
23'45-TetraCB-(67)	ng/g	<0.0019	0.0019	0.0097				7162464
23'45'-TetraCB-(68)	ng/g	<0.0020	0.0020	0.0097				7162464
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0097				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0016	0.0016	0.0097				7162464
33'44'-TetraCB-(77)	ng/g	<0.0028	0.0028	0.0097	0.000100	0.000000280		7162464
33'45-TetraCB-(78)	ng/g	<0.0022	0.0022	0.0097				7162464
33'45'-TetraCB(79)	ng/g	<0.0019	0.0019	0.0097				7162464
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0097				7162464
344'5-TetraCB-(81)	ng/g	<0.0028	0.0028	0.0097	0.000300	0.000000840		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	<0.0083 (1)	0.0083	0.019				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.0097				7162464
PentaCB-(85)+(116)+(117)	ng/g	<0.0013	0.0013	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0013	0.0013	0.058				7162464
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.019				7162464
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0097				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0077	0.0013	0.029				7162464
22'355'-PentaCB-(92)	ng/g	<0.0016	0.0016	0.0097				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0097				7162464
22'35'6-PentaCB-(95)	ng/g	<0.0019 (1)	0.0019	0.0097				7162464
22'366'-PentaCB-(96)	ng/g	<0.0014	0.0014	0.0097				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0097				7162464
22'466'-PentaCB-(104)	ng/g	<0.00071	0.00071	0.0097				7162464
233'44'-PentaCB-(105)	ng/g	0.0029	0.0017	0.0097	0.0000300	0.0000000870		7162464
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.0097				7162464
233'4'5-PentaCB-(107)	ng/g	<0.0013	0.0013	0.0097				7162464
PentaCB-(108)+(124)	ng/g	<0.0014	0.0014	0.019				7162464
PentaCB-(110)+(115)	ng/g	<0.0040 (1)	0.0040	0.019				7162464
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0097				7162464
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0097				7162464
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0097	0.0000300	0.0000000510		7162464
23'44'5-PentaCB-(118)	ng/g	0.0086	0.0017	0.0097	0.0000300	0.000000258		7162464
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0097				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0097				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0097				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0019	0.0019	0.0097	0.0000300	0.0000000570		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0097	0.100	0.000160		7162464
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0097				7162464
HexaCB-(128)+(166)	ng/g	<0.0017	0.0017	0.019				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0114	0.0017	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0022	0.0022	0.0097				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0022	0.0022	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0021	0.0021	0.0097				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0020	0.0020	0.0097				7162464
HexaCB-(134)+(143)	ng/g	<0.0022	0.0022	0.019				7162464
HexaCB-(135)+(151)	ng/g	<0.0040	0.0040	0.019				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0030	0.0030	0.0097				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0024	0.0024	0.0097				7162464
HexaCB-(139)+(140)	ng/g	<0.0018	0.0018	0.019				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0019	0.0019	0.0097				7162464
22'3456-HexaCB-(142)	ng/g	<0.0021	0.0021	0.0097				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0040	0.0040	0.0097				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0031	0.0031	0.0097				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0021	0.0018	0.0097				7162464
HexaCB-(147)+(149)	ng/g	0.0046	0.0018	0.019				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0040	0.0040	0.0097				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0030	0.0030	0.0097				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0097				7162464
HexaCB-(153)+(168)	ng/g	0.0139	0.0015	0.0097				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0035	0.0035	0.0097				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0016	0.0016	0.0097				7162464
HexaCB-(156)+(157)	ng/g	<0.0021	0.0021	0.019	0.0000300	0.0000000630		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0013	0.0013	0.0097				7162464
233'455'-HexaCB-(159)	ng/g	<0.0016	0.0016	0.0097				7162464
233'456-HexaCB-(160)	ng/g	<0.0016	0.0016	0.0097				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0014	0.0014	0.0097				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0016	0.0016	0.0097				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0013	0.0013	0.0097				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0016	0.0016	0.0097				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0020	0.0020	0.0097	0.0000300	0.0000000600		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0021	0.0021	0.0097	0.0300	0.0000630		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0021	0.0021	0.0097				7162464
HeptaCB-(171)+(173)	ng/g	<0.0027	0.0027	0.019				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0028	0.0028	0.0097				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0025	0.0025	0.0097				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0026	0.0026	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'466'-HeptaCB-(176)	ng/g	<0.0020	0.0020	0.0097				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0027	0.0027	0.0097				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0028	0.0028	0.0097				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0019	0.0019	0.0097				7162464
HeptaCB-(180)+(193)	ng/g	<0.0021	0.0021	0.019				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0027	0.0027	0.0097				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0025	0.0025	0.0097				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0030	0.0030	0.0097				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0019	0.0019	0.0097				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.0097				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0021	0.0021	0.0097				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0031	0.0025	0.0097				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0015	0.0015	0.0097				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0013	0.0013	0.0097	0.0000300	0.0000000390		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0021	0.0021	0.0097				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0021	0.0021	0.0097				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0097				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0017	0.0017	0.0097				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0018	0.0018	0.0097				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0034	0.0034	0.0097				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0025	0.0025	0.0097				7162464
OctaCB-(198)+(199)	ng/g	<0.0032	0.0032	0.019				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0097				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0023	0.0023	0.0097				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0018	0.0018	0.0097				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0030	0.0030	0.0097				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.0097				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0018	0.0018	0.0097				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0020	0.0020	0.0097				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0097				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.0097				7162464
DecaCB-(209)	ng/g	<0.0042	0.0042	0.0097				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000225		

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	63						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	92						7162464
C13-22'33'44'5-HeptaCB-(170)	%	89						7162464
C13-22'33'455'66'-NonaCB-(208)	%	98						7162464
C13-22'33'55'66'-OctaCB-(202)	%	105						7162464
C13-22'33'55'6-HeptaCB-(178)	%	107						7162464
C13-22'344'55'-HeptaCB-(180)	%	88						7162464
C13-22'34'566'-HeptaCB-(188)	%	87						7162464
C13-22'44'66'-HexaCB-(155)	%	81						7162464
C13-22'466'-PentaCB-(104)	%	81						7162464
C13-22'66'-TetraCB-(54)	%	78						7162464
C13-22'6-TriCB-(19)	%	72						7162464
C13-22'-DiCB-(4)	%	77						7162464
C13-233'44'55'6-OctaCB-(205)	%	76						7162464
C13-233'44'55'-HeptaCB-(189)	%	72						7162464
C13-233'44'-PentaCB-(105)	%	60						7162464
C13-233'55'-PentaCB-(111)	%	80						7162464
C13-23'44'55'-HexaCB-(167)	%	61						7162464
C13-2344'5-PentaCB-(114)	%	62						7162464
C13-23'44'5-PentaCB-(118)	%	63						7162464
C13-2'344'5-PentaCB-(123)	%	63						7162464
C13-2-MonoCB-(1)	%	54						7162464
C13-33'44'55'-HexaCB-(169)	%	52						7162464
C13-33'44'5-PentaCB-(126)	%	62						7162464
C13-33'44'-TetraCB-(77)	%	57						7162464
C13-344'5-TetraCB-(81)	%	59						7162464
C13-344'-TriCB-(37)	%	55						7162464
C13-44'-DiCB-(15)	%	64						7162464
C13-4-MonoCB-(3)	%	51						7162464
C13-DecaCB-(209)	%	105						7162464
C13-HexaCB-(156)+(157)	%	59						7162464

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.010				7162464
3-MonoCB-(2)	ng/g	0.00067	0.00058	0.010				7162464
4-MonoCB-(3)	ng/g	<0.00065	0.00065	0.010				7162464
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.010				7162464
2,3-DiCB-(5)	ng/g	<0.00083	0.00083	0.010				7162464
2,3'-DiCB-(6)	ng/g	<0.00074	0.00074	0.010				7162464
2,4-DiCB-(7)	ng/g	<0.00071	0.00071	0.010				7162464
2,4'-DiCB-(8)	ng/g	<0.00065	0.00065	0.010				7162464
2,5-DiCB-(9)	ng/g	<0.00070	0.00070	0.010				7162464
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010				7162464
3,3'-DiCB-(11)	ng/g	0.00683	0.00073	0.010				7162464
DiCB-(12)+(13)	ng/g	<0.00071	0.00071	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00071	0.00071	0.010				7162464
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.010				7162464
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.010				7162464
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.010				7162464
TriCB-(18)+(30)	ng/g	0.0017	0.0016	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.010				7162464
TriCB-(20) + (28)	ng/g	0.00610	0.00084	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00084	0.00084	0.020				7162464
234'-TriCB-(22)	ng/g	0.00120	0.00089	0.010				7162464
235-TriCB-(23)	ng/g	<0.00095	0.00095	0.010				7162464
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010				7162464
23'4-TriCB-(25)	ng/g	<0.00076	0.00076	0.010				7162464
TriCB-(26)+(29)	ng/g	<0.00086	0.00086	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.010				7162464
24'5-TriCB-(31)	ng/g	0.00460	0.00083	0.010				7162464
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.010				7162464
23'5'-TriCB-(34)	ng/g	<0.00087	0.00087	0.010				7162464
33'4-TriCB-(35)	ng/g	<0.00086	0.00086	0.010				7162464
33'5-TriCB-(36)	ng/g	<0.00077	0.00077	0.010				7162464
344'-TriCB-(37)	ng/g	<0.0014	0.0014	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00085	0.00085	0.010				7162464
34'5-TriCB-(39)	ng/g	<0.00081	0.00081	0.010				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.010				7162464
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.010				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0075	0.0021	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.010				7162464
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.010				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0041	0.0020	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0145	0.0025	0.010				7162464
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.010				7162464
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.010				7162464
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.010				7162464
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.010				7162464
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.010				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0018	0.0018	0.030				7162464
2344'-TetraCB -(60)	ng/g	0.0021	0.0015	0.010				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0162	0.0014	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.010				7162464
234'6-TetraCB-(64)	ng/g	0.0023	0.0018	0.010				7162464
23'44'-TetraCB-(66)	ng/g	0.0094	0.0015	0.010				7162464
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.010				7162464
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.010				7162464
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.010				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.010				7162464
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.010	0.000100	0.000000200		7162464
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.010				7162464
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.010				7162464
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.010				7162464
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.010	0.000300	0.000000600		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0253	0.0016	0.020				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.010				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0052	0.0012	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0080	0.0013	0.060				7162464
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.010				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0218	0.0013	0.030				7162464
22'355'-PentaCB-(92)	ng/g	0.0047	0.0016	0.010				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.010				7162464
22'35'6-PentaCB-(95)	ng/g	0.0072	0.0015	0.010				7162464
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.010				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.010				7162464
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010				7162464
233'44'-PentaCB-(105)	ng/g	0.0083	0.0019	0.010	0.0000300	0.000000249		7162464
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010				7162464
233'4'5-PentaCB-(107)	ng/g	<0.0014	0.0014	0.010				7162464
PentaCB-(108)+(124)	ng/g	<0.0015	0.0015	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0129	0.0013	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.010				7162464
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.010				7162464
2344'5-PentaCB-(114)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540		7162464
23'44'5-PentaCB-(118)	ng/g	0.0243	0.0018	0.010	0.0000300	0.000000729		7162464
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.010				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.010				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.010				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0020	0.0020	0.010	0.0000300	0.0000000600		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.010	0.100	0.000180		7162464
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.010				7162464
HexaCB-(128)+(166)	ng/g	0.0053	0.0021	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0434	0.0022	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0028	0.0028	0.010				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0027	0.0027	0.010				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0026	0.0026	0.010				7162464
HexaCB-(134)+(143)	ng/g	<0.0028	0.0028	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0078	0.0078	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0059	0.0059	0.010				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0033	0.0033	0.010				7162464
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0023	0.0023	0.010				7162464
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.010				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0077	0.0077	0.010				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0060	0.0060	0.010				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0097	0.0022	0.010				7162464
HexaCB-(147)+(149)	ng/g	0.0140	0.0023	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0078	0.0078	0.010				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0057	0.0057	0.010				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0059	0.0059	0.010				7162464
HexaCB-(153)+(168)	ng/g	0.0599	0.0020	0.010				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0067	0.0067	0.010				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.010				7162464
HexaCB-(156)+(157)	ng/g	0.0022	0.0020	0.020	0.0000300	0.0000000660		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0017	0.0017	0.010				7162464
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.010				7162464
233'456-HexaCB-(160)	ng/g	<0.0020	0.0020	0.010				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.010				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.010				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0016	0.0016	0.010				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0020	0.0020	0.010				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0019	0.0019	0.010	0.0000300	0.0000000570		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.010	0.0300	0.0000600		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0019	0.0019	0.010				7162464
HeptaCB-(171)+(173)	ng/g	<0.0024	0.0024	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0025	0.0025	0.010				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0021	0.0021	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.010				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.010				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0025	0.0025	0.010				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0045	0.0045	0.010				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0032	0.0032	0.010				7162464
HeptaCB-(180)+(193)	ng/g	0.0107	0.0018	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.010				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.010				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0033	0.0025	0.010				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.010				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0022	0.0022	0.010				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.010				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0113	0.0040	0.010				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.010				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0019	0.0019	0.010				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.010				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0020	0.0020	0.010				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0027	0.0027	0.010				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.010				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0049	0.0049	0.010				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0043	0.0043	0.010				7162464
OctaCB-(198)+(199)	ng/g	<0.0049	0.0049	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0029	0.0029	0.010				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0036	0.0036	0.010				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0028	0.0028	0.010				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0044	0.0044	0.010				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0036	0.0036	0.010				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.010				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0038	0.0038	0.010				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0035	0.0035	0.010				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0039	0.0039	0.010				7162464
DecaCB-(209)	ng/g	<0.0047	0.0047	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000242		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	69						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	98						7162464
C13-22'33'44'5-HeptaCB-(170)	%	87						7162464
C13-22'33'455'66'-NonaCB-(208)	%	98						7162464
C13-22'33'55'66'-OctaCB-(202)	%	103						7162464
C13-22'33'55'6-HeptaCB-(178)	%	122						7162464
C13-22'344'55'-HeptaCB-(180)	%	87						7162464
C13-22'34'566'-HeptaCB-(188)	%	106						7162464
C13-22'44'66'-HexaCB-(155)	%	98						7162464
C13-22'466'-PentaCB-(104)	%	100						7162464
C13-22'66'-TetraCB-(54)	%	102						7162464
C13-22'6-TriCB-(19)	%	84						7162464
C13-22'-DiCB-(4)	%	88						7162464
C13-233'44'55'6-OctaCB-(205)	%	85						7162464
C13-233'44'55'-HeptaCB-(189)	%	75						7162464
C13-233'44'-PentaCB-(105)	%	71						7162464
C13-233'55'-PentaCB-(111)	%	86						7162464
C13-23'44'55'-HexaCB-(167)	%	72						7162464
C13-2344'5-PentaCB-(114)	%	72						7162464
C13-23'44'5-PentaCB-(118)	%	72						7162464
C13-2'344'5-PentaCB-(123)	%	74						7162464
C13-2-MonoCB-(1)	%	61						7162464
C13-33'44'55'-HexaCB-(169)	%	65						7162464
C13-33'44'5-PentaCB-(126)	%	72						7162464
C13-33'44'-TetraCB-(77)	%	70						7162464
C13-344'5-TetraCB-(81)	%	70						7162464
C13-344'-TriCB-(37)	%	68						7162464
C13-44'-DiCB-(15)	%	73						7162464
C13-4-MonoCB-(3)	%	60						7162464
C13-DecaCB-(209)	%	120						7162464
C13-HexaCB-(156)+(157)	%	72						7162464

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00083	0.00083	0.0097				7162464
3-MonoCB-(2)	ng/g	<0.00074	0.00074	0.0097				7162464
4-MonoCB-(3)	ng/g	<0.00083	0.00083	0.0097				7162464
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0097				7162464
2,3-DiCB-(5)	ng/g	<0.00060	0.00060	0.0097				7162464
2,3'-DiCB-(6)	ng/g	<0.00053	0.00053	0.0097				7162464
2,4-DiCB-(7)	ng/g	<0.00051	0.00051	0.0097				7162464
2,4'-DiCB-(8)	ng/g	<0.00047	0.00047	0.0097				7162464
2,5-DiCB-(9)	ng/g	<0.00050	0.00050	0.0097				7162464
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0097				7162464
3,3'-DiCB-(11)	ng/g	0.00696	0.00052	0.0097				7162464
DiCB-(12)+(13)	ng/g	<0.00051	0.00051	0.019				7162464
3,5-DiCB-(14)	ng/g	<0.00051	0.00051	0.0097				7162464
4,4'-DiCB-(15)	ng/g	<0.00083	0.00083	0.0097				7162464
22'3-TriCB-(16)	ng/g	<0.0049	0.0049	0.0097				7162464
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0097				7162464
TriCB-(18)+(30)	ng/g	0.0023	0.0018	0.019				7162464
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0097				7162464
TriCB-(20) + (28)	ng/g	0.00685	0.00078	0.019				7162464
TriCB-(21)+(33)	ng/g	<0.00078	0.00078	0.019				7162464
234'-TriCB-(22)	ng/g	<0.00083	0.00083	0.0097				7162464
235-TriCB-(23)	ng/g	<0.00089	0.00089	0.0097				7162464
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0097				7162464
23'4-TriCB-(25)	ng/g	<0.00071	0.00071	0.0097				7162464
TriCB-(26)+(29)	ng/g	<0.00081	0.00081	0.019				7162464
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0097				7162464
24'5-TriCB-(31)	ng/g	0.00527	0.00078	0.0097				7162464
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0097				7162464
23'5'-TriCB-(34)	ng/g	<0.00081	0.00081	0.0097				7162464
33'4-TriCB-(35)	ng/g	<0.00080	0.00080	0.0097				7162464
33'5-TriCB-(36)	ng/g	<0.00072	0.00072	0.0097				7162464
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.0097				7162464
345-TriCB-(38)	ng/g	<0.00079	0.00079	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.00076	0.00076	0.0097				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.029				7162464
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0097				7162464
22'35-TetraCB-(43)	ng/g	<0.0032	0.0032	0.0097				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0152	0.0021	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.019				7162464
22'36'-TetraCB-(46)	ng/g	<0.0028	0.0028	0.0097				7162464
22'45-TetraCB-(48)	ng/g	<0.0024	0.0024	0.0097				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0072	0.0020	0.019				7162464
TetraCB-(50)+(53)	ng/g	<0.0023	0.0023	0.019				7162464
22'55'-TetraCB-(52)	ng/g	0.0318	0.0025	0.0097				7162464
22'66'-TetraCB-(54)	ng/g	<0.0018	0.0018	0.0097				7162464
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0097				7162464
233'4'-Tetra CB(56)	ng/g	<0.0018	0.0018	0.0097				7162464
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0097				7162464
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0097				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0018	0.0018	0.029				7162464
2344'-TetraCB -(60)	ng/g	0.0030	0.0017	0.0097				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0240	0.0017	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0097				7162464
234'6-TetraCB-(64)	ng/g	0.0035	0.0018	0.0097				7162464
23'44'-TetraCB-(66)	ng/g	0.0112	0.0017	0.0097				7162464
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0097				7162464
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0097				7162464
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0097				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0097				7162464
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.0097	0.000100	0.000000240		7162464
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0097				7162464
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.0097				7162464
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0097				7162464
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0097	0.000300	0.000000720		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0036	0.0036	0.0097				7162464
PentaCB-(83)+(99)	ng/g	0.0874	0.0031	0.019				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0034	0.0034	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0146	0.0024	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0134	0.0026	0.058				7162464
PentaCB-(88)+(91)	ng/g	<0.0032	0.0032	0.019				7162464
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.0097				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0521	0.0027	0.029				7162464
22'355'-PentaCB-(92)	ng/g	0.0091	0.0032	0.0097				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0034	0.0034	0.0097				7162464
22'35'6-PentaCB-(95)	ng/g	0.0156	0.0031	0.0097				7162464
22'366'-PentaCB-(96)	ng/g	<0.0022	0.0022	0.0097				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0097				7162464
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0097				7162464
233'44'-PentaCB-(105)	ng/g	0.0202	0.0012	0.0097	0.0000300	0.000000606		7162464
233'45-PentaCB-(106)	ng/g	<0.00096	0.00096	0.0097				7162464
233'4'5-PentaCB-(107)	ng/g	0.00516	0.00094	0.0097				7162464
PentaCB-(108)+(124)	ng/g	<0.0010	0.0010	0.019				7162464
PentaCB-(110)+(115)	ng/g	0.0275	0.0026	0.019				7162464
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0097				7162464
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0097				7162464
2344'5-PentaCB-(114)	ng/g	<0.0012	0.0012	0.0097	0.0000300	0.0000000360		7162464
23'44'5-PentaCB-(118)	ng/g	0.0529	0.0012	0.0097	0.0000300	0.00000159		7162464
23'455'-PentaCB-(120)	ng/g	<0.0022	0.0022	0.0097				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0097				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0011	0.0011	0.0097				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0013	0.0013	0.0097	0.0000300	0.0000000390		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0012	0.0012	0.0097	0.100	0.000120		7162464
33'455'-PentaCB-(127)	ng/g	<0.00097	0.00097	0.0097				7162464
HexaCB-(128)+(166)	ng/g	0.0180	0.0020	0.019				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.171	0.0022	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0063	0.0027	0.0097				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0097				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0053 (1)	0.0053	0.0097				7162464
22'33'55'-HexaCB-(133)	ng/g	0.0031	0.0025	0.0097				7162464

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.0027	0.0027	0.019				7162464
HexaCB-(135)+(151)	ng/g	0.0122	0.0057	0.019				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0043	0.0043	0.0097				7162464
22'344'5-HexaCB-(137)	ng/g	0.0042	0.0032	0.0097				7162464
HexaCB-(139)+(140)	ng/g	<0.0023	0.0023	0.019				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0022	0.0022	0.0097				7162464
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.0097				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0056	0.0056	0.0097				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0044	0.0044	0.0097				7162464
22'34'55'-HexaCB-(146)	ng/g	<0.027 (1)	0.027	0.0097				7162464
HexaCB-(147)+(149)	ng/g	0.0276	0.0023	0.019				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.0097				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0042	0.0042	0.0097				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0043	0.0043	0.0097				7162464
HexaCB-(153)+(168)	ng/g	0.222	0.0019	0.0097				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0049	0.0049	0.0097				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0097				7162464
HexaCB-(156)+(157)	ng/g	0.0088	0.0023	0.019	0.0000300	0.000000264		7162464
233'44'6-HexaCB-(158)	ng/g	0.0057	0.0016	0.0097				7162464
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0097				7162464
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0097				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.0097				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0097				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.0036	0.0015	0.0097				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0097				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0024	0.0022	0.0097	0.0000300	0.0000000720		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0097	0.0300	0.0000690		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0137	0.0024	0.0097				7162464
HeptaCB-(171)+(173)	ng/g	<0.0031	0.0031	0.019				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0033	0.0033	0.0097				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0028	0.0028	0.0097				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0097				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	0.0057	0.0032	0.0097				7162464
22'33'55'6-HeptaCB-(178)	ng/g	0.0072	0.0045	0.0097				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0032	0.0032	0.0097				7162464
HeptaCB-(180)+(193)	ng/g	0.0386	0.0024	0.019				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0031	0.0031	0.0097				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0097				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0105	0.0032	0.0097				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0031	0.0031	0.0097				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.0097				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0097				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0429	0.0040	0.0097				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0097				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0021	0.0021	0.0097	0.0000300	0.0000000630		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0024	0.0024	0.0097				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0024	0.0024	0.0097				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0097				7162464
22'33'44'55'-OctaCB-(194)	ng/g	0.0046	0.0025	0.0097				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0027	0.0027	0.0097				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060	0.0060	0.0097				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0053	0.0053	0.0097				7162464
OctaCB-(198)+(199)	ng/g	0.0062	0.0060	0.019				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0097				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0044	0.0044	0.0097				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0034	0.0034	0.0097				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0054	0.0054	0.0097				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.0097				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0027	0.0027	0.0097				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0032	0.0032	0.0097				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.0097				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0032	0.0032	0.0097				7162464
DecaCB-(209)	ng/g	<0.0048	0.0048	0.0097				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000193		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	66						7162464

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	102						7162464
C13-22'33'44'5-HeptaCB-(170)	%	84						7162464
C13-22'33'455'66'-NonaCB-(208)	%	95						7162464
C13-22'33'55'66'-OctaCB-(202)	%	103						7162464
C13-22'33'55'6-HeptaCB-(178)	%	113						7162464
C13-22'344'55'-HeptaCB-(180)	%	87						7162464
C13-22'34'566'-HeptaCB-(188)	%	102						7162464
C13-22'44'66'-HexaCB-(155)	%	98						7162464
C13-22'466'-PentaCB-(104)	%	98						7162464
C13-22'66'-TetraCB-(54)	%	97						7162464
C13-22'6-TriCB-(19)	%	83						7162464
C13-22'-DiCB-(4)	%	86						7162464
C13-233'44'55'6-OctaCB-(205)	%	80						7162464
C13-233'44'55'-HeptaCB-(189)	%	75						7162464
C13-233'44'-PentaCB-(105)	%	70						7162464
C13-233'55'-PentaCB-(111)	%	84						7162464
C13-23'44'55'-HexaCB-(167)	%	70						7162464
C13-2344'5-PentaCB-(114)	%	69						7162464
C13-23'44'5-PentaCB-(118)	%	73						7162464
C13-2'344'5-PentaCB-(123)	%	72						7162464
C13-2-MonoCB-(1)	%	57						7162464
C13-33'44'55'-HexaCB-(169)	%	63						7162464
C13-33'44'5-PentaCB-(126)	%	69						7162464
C13-33'44'-TetraCB-(77)	%	66						7162464
C13-344'5-TetraCB-(81)	%	67						7162464
C13-344'-TriCB-(37)	%	65						7162464
C13-44'-DiCB-(15)	%	70						7162464
C13-4-MonoCB-(3)	%	57						7162464
C13-DecaCB-(209)	%	115						7162464
C13-HexaCB-(156)+(157)	%	69						7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00066	0.00066	0.0099				7162464
3-MonoCB-(2)	ng/g	<0.00059	0.00059	0.0099				7162464
4-MonoCB-(3)	ng/g	<0.00066	0.00066	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.00066	0.00066	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.00058	0.00058	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.00057	0.00057	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.00052	0.00052	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.00056	0.00056	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.0099				7162464
3,3'-DiCB-(11)	ng/g	0.0144	0.00058	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00057	0.00057	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.00092	0.00092	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099				7162464
TriCB-(18)+(30)	ng/g	0.0028	0.0016	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.0159	0.0012	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7162464
234'-TriCB-(22)	ng/g	0.0019	0.0012	0.0099				7162464
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0099				7162464
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.0116	0.0011	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099				7162464
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0099				7162464
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099				7162464

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0021	0.0021	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0023	0.0023	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.0029	0.0029	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0229	0.0019	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0022	0.0022	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0025	0.0025	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.0022	0.0022	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0136	0.0018	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0021	0.0021	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0475	0.0023	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.0021	0.0021	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	<0.0021	0.0021	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0016	0.0016	0.030				7162464
2344'-TetraCB -(60)	ng/g	0.0084	0.0020	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0541	0.0019	0.040				7162464
234'5-TetraCB-(63)	ng/g	0.0025	0.0019	0.0099				7162464
234'6-TetraCB-(64)	ng/g	0.0076	0.0016	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.0331	0.0020	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.0019	0.0019	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	<0.0028	0.0028	0.0099	0.000100	0.000000280		7162464
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0099	0.000300	0.000000810		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0030	0.0030	0.0099				7162464
PentaCB-(83)+(99)	ng/g	0.116	0.0026	0.020				7162464
22'33'6-PentaCB-(84)	ng/g	0.0042	0.0029	0.0099				7162464

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0246	0.0020	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0299	0.0022	0.060				7162464
PentaCB-(88)+(91)	ng/g	0.0049	0.0027	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.106	0.0022	0.030				7162464
22'355'-PentaCB-(92)	ng/g	0.0208	0.0027	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	0.0259	0.0026	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.0023	0.0023	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	0.0460	0.0015	0.0099	0.0000300	0.00000138		7162464
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	0.0121	0.0011	0.0099				7162464
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0574	0.0022	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	0.0028	0.0015	0.0099	0.0000300	0.0000000840		7162464
23'44'5-PentaCB-(118)	ng/g	0.152	0.0015	0.0099	0.0000300	0.00000456		7162464
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140		7162464
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0099				7162464
HexaCB-(128)+(166)	ng/g	0.0241	0.0023	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.201	0.0024	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0067	0.0030	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0031	0.0031	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	0.0102	0.0029	0.0099				7162464
22'33'55'-HexaCB-(133)	ng/g	0.0042	0.0028	0.0099				7162464
HexaCB-(134)+(143)	ng/g	<0.0030	0.0030	0.020				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	0.0312	0.0077	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0058	0.0058	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	0.0119	0.0036	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.0025	0.0025	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0025	0.0025	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0075	0.0075	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0059	0.0059	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0386	0.0023	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.0577	0.0025	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0077	0.0077	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0056	0.0056	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0057	0.0057	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.280	0.0022	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0065	0.0065	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.0099				7162464
HexaCB-(156)+(157)	ng/g	0.0141	0.0019	0.020	0.0000300	0.000000423		7162464
233'44'6-HexaCB-(158)	ng/g	0.0100	0.0018	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.0043	0.0017	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0067	0.0018	0.0099	0.0000300	0.000000201		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0099	0.0300	0.0000570		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0118	0.0020	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	0.0058	0.0026	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	0.0029	0.0027	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.0066	0.0023	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0047	0.0047	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0036	0.0036	0.0099				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	0.0075	0.0026	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.010 (1)	0.010	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	0.0058	0.0035	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	0.0371	0.0019	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0046	0.0046	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0150	0.0026	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0034	0.0034	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0036	0.0036	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0491	0.0044	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0099	0.0000300	0.0000000810		7162464
233'44'56-HeptaCB-(190)	ng/g	0.0028	0.0020	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0063	0.0063	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0067	0.0067	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0060	0.0060	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0052	0.0052	0.0099				7162464
OctaCB-(198)+(199)	ng/g	<0.0059	0.0059	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0035	0.0035	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0043	0.0043	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	0.0038	0.0034	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0054	0.0054	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0044	0.0044	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0068	0.0068	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0049	0.0049	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0045	0.0045	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0050	0.0050	0.0099				7162464
DecaCB-(209)	ng/g	<0.0056	0.0056	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000205		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	69						7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	95						7162464
C13-22'33'44'5-HeptaCB-(170)	%	85						7162464
C13-22'33'455'66'-NonaCB-(208)	%	96						7162464
C13-22'33'55'66'-OctaCB-(202)	%	104						7162464
C13-22'33'55'6-HeptaCB-(178)	%	117						7162464
C13-22'344'55'-HeptaCB-(180)	%	86						7162464
C13-22'34'566'-HeptaCB-(188)	%	98						7162464
C13-22'44'66'-HexaCB-(155)	%	101						7162464
C13-22'466'-PentaCB-(104)	%	97						7162464
C13-22'66'-TetraCB-(54)	%	94						7162464
C13-22'6-TriCB-(19)	%	86						7162464
C13-22'-DiCB-(4)	%	88						7162464
C13-233'44'55'6-OctaCB-(205)	%	79						7162464
C13-233'44'55'-HeptaCB-(189)	%	72						7162464
C13-233'44'-PentaCB-(105)	%	68						7162464
C13-233'55'-PentaCB-(111)	%	87						7162464
C13-23'44'55'-HexaCB-(167)	%	69						7162464
C13-2344'5-PentaCB-(114)	%	68						7162464
C13-23'44'5-PentaCB-(118)	%	68						7162464
C13-2'344'5-PentaCB-(123)	%	69						7162464
C13-2-MonoCB-(1)	%	55						7162464
C13-33'44'55'-HexaCB-(169)	%	61						7162464
C13-33'44'5-PentaCB-(126)	%	66						7162464
C13-33'44'-TetraCB-(77)	%	65						7162464
C13-344'5-TetraCB-(81)	%	64						7162464
C13-344'-TriCB-(37)	%	62						7162464
C13-44'-DiCB-(15)	%	71						7162464
C13-4-MonoCB-(3)	%	56						7162464
C13-DecaCB-(209)	%	112						7162464
C13-HexaCB-(156)+(157)	%	67						7162464

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00060	0.00060	0.010				7162464
3-MonoCB-(2)	ng/g	<0.00053	0.00053	0.010				7162464
4-MonoCB-(3)	ng/g	<0.00060	0.00060	0.010				7162464
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.010				7162464
2,3-DiCB-(5)	ng/g	<0.00097	0.00097	0.010				7162464
2,3'-DiCB-(6)	ng/g	<0.00085	0.00085	0.010				7162464
2,4-DiCB-(7)	ng/g	<0.00083	0.00083	0.010				7162464
2,4'-DiCB-(8)	ng/g	<0.00076	0.00076	0.010				7162464
2,5-DiCB-(9)	ng/g	<0.00081	0.00081	0.010				7162464
2,6-DiCB-(10)	ng/g	<0.0015	0.0015	0.010				7162464
3,3'-DiCB-(11)	ng/g	0.00444	0.00085	0.010				7162464
DiCB-(12)+(13)	ng/g	<0.00083	0.00083	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00083	0.00083	0.010				7162464
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.010				7162464
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.010				7162464
22'4-TriCB-(17)	ng/g	<0.0014	0.0014	0.010				7162464
TriCB-(18)+(30)	ng/g	<0.0011	0.0011	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.00083	0.00083	0.010				7162464
TriCB-(20) + (28)	ng/g	0.00435	0.00097	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00097	0.00097	0.020				7162464
234'-TriCB-(22)	ng/g	<0.0010	0.0010	0.010				7162464
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.010				7162464
236-TriCB-(24)	ng/g	<0.00075	0.00075	0.010				7162464
23'4-TriCB-(25)	ng/g	<0.00088	0.00088	0.010				7162464
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.010				7162464
24'5-TriCB-(31)	ng/g	0.00327	0.00097	0.010				7162464
24'6-TriCB-(32)	ng/g	<0.00090	0.00090	0.010				7162464
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.010				7162464
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.010				7162464
33'5-TriCB-(36)	ng/g	<0.00090	0.00090	0.010				7162464
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.010				7162464

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00098	0.00098	0.010				7162464
34'5-TriCB-(39)	ng/g	<0.00095	0.00095	0.010				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0019	0.0019	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.010				7162464
22'35-TetraCB-(43)	ng/g	<0.0025	0.0025	0.010				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0036	0.0017	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.010				7162464
22'45-TetraCB-(48)	ng/g	<0.0019	0.0019	0.010				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0018	0.0016	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0018	0.0018	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0053	0.0020	0.010				7162464
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.010				7162464
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.010				7162464
233'4'-Tetra CB(56)	ng/g	<0.0014	0.0014	0.010				7162464
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.010				7162464
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.010				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0014	0.0014	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.0013	0.0013	0.010				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0084	0.0013	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0013	0.0013	0.010				7162464
234'6-TetraCB-(64)	ng/g	<0.0014	0.0014	0.010				7162464
23'44'-TetraCB-(66)	ng/g	0.0056	0.0013	0.010				7162464
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.010				7162464
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.010				7162464
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.010				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.010				7162464
33'44'-TetraCB-(77)	ng/g	<0.0018	0.0018	0.010	0.000100	0.000000180		7162464
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.010				7162464
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.010				7162464
33'55'-TetraCB-(80)	ng/g	<0.0012	0.0012	0.010				7162464
344'5-TetraCB-(81)	ng/g	<0.0018	0.0018	0.010	0.000300	0.000000540		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010				7162464

EDL = Estimated Detection Limit

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0074	0.0023	0.020				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0026	0.0026	0.010				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0023	0.0018	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0032	0.0020	0.060				7162464
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0080	0.0020	0.030				7162464
22'355'-PentaCB-(92)	ng/g	<0.0024	0.0024	0.010				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.010				7162464
22'35'6-PentaCB-(95)	ng/g	0.0029	0.0023	0.010				7162464
22'366'-PentaCB-(96)	ng/g	<0.0027	0.0027	0.010				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.010				7162464
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010				7162464
233'44'-PentaCB-(105)	ng/g	0.0029	0.0018	0.010	0.0000300	0.0000000870		7162464
233'45-PentaCB-(106)	ng/g	<0.0014	0.0014	0.010				7162464
233'4'5-PentaCB-(107)	ng/g	<0.0013	0.0013	0.010				7162464
PentaCB-(108)+(124)	ng/g	<0.0015	0.0015	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0051	0.0020	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010				7162464
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010				7162464
2344'5-PentaCB-(114)	ng/g	<0.0018	0.0018	0.010	0.0000300	0.0000000540		7162464
23'44'5-PentaCB-(118)	ng/g	0.0094	0.0018	0.010	0.0000300	0.000000282		7162464
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.010				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.010				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0019	0.0019	0.010	0.0000300	0.0000000570		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0017	0.0017	0.010	0.100	0.000170		7162464
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.010				7162464
HexaCB-(128)+(166)	ng/g	<0.0027	0.0027	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0124	0.0028	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0035	0.0035	0.010				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0036	0.0036	0.010				7162464

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0034	0.0034	0.010				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0032	0.0032	0.010				7162464
HexaCB-(134)+(143)	ng/g	<0.0035	0.0035	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0062	0.0062	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0047	0.0047	0.010				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0041	0.0041	0.010				7162464
HexaCB-(139)+(140)	ng/g	<0.0029	0.0029	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0029	0.0029	0.010				7162464
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.010				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0061	0.0061	0.010				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0048	0.0048	0.010				7162464
22'34'55'-HexaCB-(146)	ng/g	<0.0027	0.0027	0.010				7162464
HexaCB-(147)+(149)	ng/g	0.0057	0.0029	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0062	0.0062	0.010				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0046	0.0046	0.010				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0047	0.0047	0.010				7162464
HexaCB-(153)+(168)	ng/g	0.0121	0.0025	0.010				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0053	0.0053	0.010				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0023	0.0023	0.010				7162464
HexaCB-(156)+(157)	ng/g	<0.0026	0.0026	0.020	0.0000300	0.0000000780		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0021	0.0021	0.010				7162464
233'455'-HexaCB-(159)	ng/g	<0.0020	0.0020	0.010				7162464
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.010				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.010				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.010				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0020	0.0020	0.010				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0025	0.0025	0.010				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0024	0.0024	0.010	0.0000300	0.0000000720		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0026	0.0026	0.010	0.0300	0.0000780		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0027	0.0027	0.010				7162464
HeptaCB-(171)+(173)	ng/g	<0.0035	0.0035	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0037	0.0037	0.010				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0031	0.0031	0.010				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0032	0.0032	0.010				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.010				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0036	0.0036	0.010				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0034	0.0034	0.010				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0024	0.0024	0.010				7162464
HeptaCB-(180)+(193)	ng/g	<0.0026	0.0026	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0035	0.0035	0.010				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.010				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0036	0.0036	0.010				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.010				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0033	0.0033	0.010				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0025	0.0025	0.010				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0031	0.0030	0.010				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0018	0.0018	0.010				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0027	0.0027	0.010				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0027	0.0027	0.010				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0029	0.0029	0.010				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0036	0.0036	0.010				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0038	0.0038	0.010				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0045	0.0045	0.010				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0039	0.0039	0.010				7162464
OctaCB-(198)+(199)	ng/g	<0.0044	0.0044	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.010				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0033	0.0033	0.010				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0025	0.0025	0.010				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0040	0.0040	0.010				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.010				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0039	0.0039	0.010				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0041	0.0041	0.010				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0038	0.0038	0.010				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0042	0.0042	0.010				7162464
DecaCB-(209)	ng/g	<0.0046	0.0046	0.010				7162464

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000249		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	57						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	100						7162464
C13-22'33'44'5-HeptaCB-(170)	%	89						7162464
C13-22'33'455'66'-NonaCB-(208)	%	101						7162464
C13-22'33'55'66'-OctaCB-(202)	%	107						7162464
C13-22'33'55'6-HeptaCB-(178)	%	97						7162464
C13-22'344'55'-HeptaCB-(180)	%	87						7162464
C13-22'34'566'-HeptaCB-(188)	%	102						7162464
C13-22'44'66'-HexaCB-(155)	%	99						7162464
C13-22'466'-PentaCB-(104)	%	98						7162464
C13-22'66'-TetraCB-(54)	%	100						7162464
C13-22'6-TriCB-(19)	%	81						7162464
C13-22'-DiCB-(4)	%	89						7162464
C13-233'44'55'6-OctaCB-(205)	%	83						7162464
C13-233'44'55'-HeptaCB-(189)	%	78						7162464
C13-233'44'-PentaCB-(105)	%	70						7162464
C13-233'55'-PentaCB-(111)	%	70						7162464
C13-23'44'55'-HexaCB-(167)	%	72						7162464
C13-2344'5-PentaCB-(114)	%	69						7162464
C13-23'44'5-PentaCB-(118)	%	70						7162464
C13-2'344'5-PentaCB-(123)	%	72						7162464
C13-2-MonoCB-(1)	%	59						7162464
C13-33'44'55'-HexaCB-(169)	%	66						7162464
C13-33'44'5-PentaCB-(126)	%	70						7162464
C13-33'44'-TetraCB-(77)	%	69						7162464
C13-344'5-TetraCB-(81)	%	70						7162464
C13-344'-TriCB-(37)	%	64						7162464
C13-44'-DiCB-(15)	%	72						7162464
C13-4-MonoCB-(3)	%	59						7162464
C13-DecaCB-(209)	%	120						7162464
C13-HexaCB-(156)+(157)	%	69						7162464

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00059	0.00059	0.0097				7162464
3-MonoCB-(2)	ng/g	0.00074	0.00053	0.0097				7162464
4-MonoCB-(3)	ng/g	<0.00065 (1)	0.00065	0.0097				7162464
22'-DiCB-(4)	ng/g	<0.0010	0.0010	0.0097				7162464
2,3-DiCB-(5)	ng/g	<0.00080	0.00080	0.0097				7162464
2,3'-DiCB-(6)	ng/g	<0.00071	0.00071	0.0097				7162464
2,4-DiCB-(7)	ng/g	<0.00069	0.00069	0.0097				7162464
2,4'-DiCB-(8)	ng/g	<0.00063	0.00063	0.0097				7162464
2,5-DiCB-(9)	ng/g	<0.00067	0.00067	0.0097				7162464
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.0097				7162464
3,3'-DiCB-(11)	ng/g	0.00389	0.00071	0.0097				7162464
DiCB-(12)+(13)	ng/g	<0.00069	0.00069	0.019				7162464
3,5-DiCB-(14)	ng/g	<0.00069	0.00069	0.0097				7162464
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0097				7162464
22'3-TriCB-(16)	ng/g	<0.0045	0.0045	0.0097				7162464
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0097				7162464
TriCB-(18)+(30)	ng/g	0.0027	0.0017	0.019				7162464
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0097				7162464
TriCB-(20) + (28)	ng/g	0.0121	0.00071	0.019				7162464
TriCB-(21)+(33)	ng/g	<0.00071	0.00071	0.019				7162464
234'-TriCB-(22)	ng/g	0.00148	0.00075	0.0097				7162464
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.0097				7162464
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0097				7162464
23'4-TriCB-(25)	ng/g	<0.00064	0.00064	0.0097				7162464
TriCB-(26)+(29)	ng/g	<0.00073	0.00073	0.019				7162464
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0097				7162464
24'5-TriCB-(31)	ng/g	0.00522	0.00071	0.0097				7162464
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0097				7162464
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0097				7162464
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.0097				7162464
33'5-TriCB-(36)	ng/g	<0.00065	0.00065	0.0097				7162464
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0097				7162464

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.0097				7162464
34'5-TriCB-(39)	ng/g	<0.00069	0.00069	0.0097				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0027	0.0027	0.029				7162464
22'34'-TetraCB-(42)	ng/g	<0.0028	0.0028	0.0097				7162464
22'35-TetraCB-(43)	ng/g	<0.0036	0.0036	0.0097				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0165	0.0024	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0028	0.0028	0.019				7162464
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.0097				7162464
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0097				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0075	0.0023	0.019				7162464
TetraCB-(50)+(53)	ng/g	<0.0027	0.0027	0.019				7162464
22'55'-TetraCB-(52)	ng/g	0.0353	0.0029	0.0097				7162464
22'66'-TetraCB-(54)	ng/g	<0.0020	0.0020	0.0097				7162464
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0097				7162464
233'4'-Tetra CB(56)	ng/g	<0.0018	0.0018	0.0097				7162464
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0097				7162464
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0097				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0020	0.0020	0.029				7162464
2344'-TetraCB -(60)	ng/g	0.0060	0.0018	0.0097				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0377	0.0017	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0097				7162464
234'6-TetraCB-(64)	ng/g	0.0046	0.0020	0.0097				7162464
23'44'-TetraCB-(66)	ng/g	0.0249	0.0017	0.0097				7162464
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0097				7162464
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0097				7162464
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0097				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.0097				7162464
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.0097	0.000100	0.000000240		7162464
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0097				7162464
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0097				7162464
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0097				7162464
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0097	0.000300	0.000000720		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0023	0.0023	0.0097				7162464
PentaCB-(83)+(99)	ng/g	0.0931	0.0021	0.019				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	0.0031	0.0023	0.0097				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0160	0.0016	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0211	0.0017	0.058				7162464
PentaCB-(88)+(91)	ng/g	0.0035	0.0021	0.019				7162464
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0097				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0824	0.0018	0.029				7162464
22'355'-PentaCB-(92)	ng/g	0.0162	0.0021	0.0097				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0020	0.0020	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0022	0.0022	0.0097				7162464
22'35'6-PentaCB-(95)	ng/g	0.0181	0.0020	0.0097				7162464
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0097				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0019	0.0019	0.0097				7162464
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0097				7162464
233'44'-PentaCB-(105)	ng/g	0.0360	0.0015	0.0097	0.0000300	0.00000108		7162464
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0097				7162464
233'4'5-PentaCB-(107)	ng/g	0.0101	0.0012	0.0097				7162464
PentaCB-(108)+(124)	ng/g	<0.0013	0.0013	0.019				7162464
PentaCB-(110)+(115)	ng/g	0.0412	0.0017	0.019				7162464
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0097				7162464
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0097				7162464
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.0097	0.0000300	0.0000000450		7162464
23'44'5-PentaCB-(118)	ng/g	0.111	0.0015	0.0097	0.0000300	0.00000333		7162464
23'455'-PentaCB-(120)	ng/g	<0.0015	0.0015	0.0097				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0015	0.0015	0.0097				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0097				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0017	0.0017	0.0097	0.0000300	0.0000000510		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0097	0.100	0.000150		7162464
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0097				7162464
HexaCB-(128)+(166)	ng/g	0.0233	0.0023	0.019				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.189	0.0024	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0064	0.0030	0.0097				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0031	0.0031	0.0097				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0072 (1)	0.0072	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	0.0050	0.0028	0.0097				7162464
HexaCB-(134)+(143)	ng/g	<0.0030	0.0030	0.019				7162464
HexaCB-(135)+(151)	ng/g	0.0287	0.0059	0.019				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0045	0.0045	0.0097				7162464
22'344'5-HexaCB-(137)	ng/g	0.0070	0.0035	0.0097				7162464
HexaCB-(139)+(140)	ng/g	<0.0025	0.0025	0.019				7162464
22'3455'-HexaCB-(141)	ng/g	0.0057	0.0025	0.0097				7162464
22'3456-HexaCB-(142)	ng/g	<0.0029	0.0029	0.0097				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0058	0.0058	0.0097				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0045	0.0045	0.0097				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0371	0.0023	0.0097				7162464
HexaCB-(147)+(149)	ng/g	0.0485	0.0025	0.019				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0059	0.0059	0.0097				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0043	0.0043	0.0097				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0044	0.0044	0.0097				7162464
HexaCB-(153)+(168)	ng/g	0.247	0.0021	0.0097				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0050	0.0050	0.0097				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.0097				7162464
HexaCB-(156)+(157)	ng/g	0.0124	0.0019	0.019	0.0000300	0.000000372		7162464
233'44'6-HexaCB-(158)	ng/g	0.0056	0.0018	0.0097				7162464
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0097				7162464
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0097				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0020	0.0020	0.0097				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.0097				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.0048	0.0017	0.0097				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0097				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0064	0.0018	0.0097	0.0000300	0.000000192		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0019	0.0019	0.0097	0.0300	0.0000570		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0131	0.0021	0.0097				7162464
HeptaCB-(171)+(173)	ng/g	<0.0038 (1)	0.0038	0.019				7162464
22'33'455'-HeptaCB-(172)	ng/g	0.0034	0.0028	0.0097				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.0040	0.0024	0.0097				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060	0.0060	0.0097				7162464

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'466'-HeptaCB-(176)	ng/g	<0.0047	0.0047	0.0097				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	0.0066	0.0027	0.0097				7162464
22'33'55'6-HeptaCB-(178)	ng/g	0.0112	0.0063	0.0097				7162464
22'33'566'-HeptaCB-(179)	ng/g	0.0062	0.0045	0.0097				7162464
HeptaCB-(180)+(193)	ng/g	0.0417	0.0020	0.019				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0097				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0059	0.0059	0.0097				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0109	0.0027	0.0097				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0044	0.0044	0.0097				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0097				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0047	0.0047	0.0097				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0567	0.0056	0.0097				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0097				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0097	0.0000300	0.0000000720		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0021	0.0021	0.0097				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0097				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0022	0.0022	0.0097				7162464
22'33'44'55'-OctaCB-(194)	ng/g	0.0035	0.0027	0.0097				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0028	0.0028	0.0097				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0066	0.0066	0.0097				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.0097				7162464
OctaCB-(198)+(199)	ng/g	<0.0065	0.0065	0.019				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0039	0.0039	0.0097				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0048	0.0048	0.0097				7162464
22'33'55'66'-OctaCB-(202)	ng/g	0.0043	0.0037	0.0097				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0059	0.0059	0.0097				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0048	0.0048	0.0097				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0029	0.0029	0.0097				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0056	0.0056	0.0097				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0052	0.0052	0.0097				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0058	0.0058	0.0097				7162464
DecaCB-(209)	ng/g	<0.0063	0.0063	0.0097				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000213		

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	72						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	105						7162464
C13-22'33'44'5-HeptaCB-(170)	%	88						7162464
C13-22'33'455'66'-NonaCB-(208)	%	102						7162464
C13-22'33'55'66'-OctaCB-(202)	%	112						7162464
C13-22'33'55'6-HeptaCB-(178)	%	127 (1)						7162464
C13-22'344'55'-HeptaCB-(180)	%	91						7162464
C13-22'34'566'-HeptaCB-(188)	%	109						7162464
C13-22'44'66'-HexaCB-(155)	%	106						7162464
C13-22'466'-PentaCB-(104)	%	102						7162464
C13-22'66'-TetraCB-(54)	%	104						7162464
C13-22'6-TriCB-(19)	%	87						7162464
C13-22'-DiCB-(4)	%	93						7162464
C13-233'44'55'6-OctaCB-(205)	%	87						7162464
C13-233'44'55'-HeptaCB-(189)	%	78						7162464
C13-233'44'-PentaCB-(105)	%	75						7162464
C13-233'55'-PentaCB-(111)	%	90						7162464
C13-23'44'55'-HexaCB-(167)	%	75						7162464
C13-2344'5-PentaCB-(114)	%	73						7162464
C13-23'44'5-PentaCB-(118)	%	75						7162464
C13-2'344'5-PentaCB-(123)	%	76						7162464
C13-2-MonoCB-(1)	%	63						7162464
C13-33'44'55'-HexaCB-(169)	%	68						7162464
C13-33'44'5-PentaCB-(126)	%	73						7162464
C13-33'44'-TetraCB-(77)	%	71						7162464
C13-344'5-TetraCB-(81)	%	71						7162464
C13-344'-TriCB-(37)	%	68						7162464
C13-44'-DiCB-(15)	%	77						7162464
C13-4-MonoCB-(3)	%	60						7162464
C13-DecaCB-(209)	%	132						7162464
C13-HexaCB-(156)+(157)	%	74						7162464

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00093	0.00059	0.010				7162464
3-MonoCB-(2)	ng/g	0.00100	0.00053	0.010				7162464
4-MonoCB-(3)	ng/g	0.00108	0.00059	0.010				7162464
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.010				7162464
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010				7162464
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.010				7162464
2,4-DiCB-(7)	ng/g	<0.00098	0.00098	0.010				7162464
2,4'-DiCB-(8)	ng/g	<0.00090	0.00090	0.010				7162464
2,5-DiCB-(9)	ng/g	<0.00096	0.00096	0.010				7162464
2,6-DiCB-(10)	ng/g	<0.0019	0.0019	0.010				7162464
3,3'-DiCB-(11)	ng/g	0.0094	0.0010	0.010				7162464
DiCB-(12)+(13)	ng/g	<0.00098	0.00098	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00098	0.00098	0.010				7162464
4,4'-DiCB-(15)	ng/g	<0.0016	0.0016	0.010				7162464
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.010				7162464
22'4-TriCB-(17)	ng/g	<0.0014	0.0014	0.010				7162464
TriCB-(18)+(30)	ng/g	<0.0011	0.0011	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.00084	0.00084	0.010				7162464
TriCB-(20) + (28)	ng/g	0.00385	0.00069	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00069	0.00069	0.020				7162464
234'-TriCB-(22)	ng/g	<0.00073	0.00073	0.010				7162464
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.010				7162464
236-TriCB-(24)	ng/g	<0.00075	0.00075	0.010				7162464
23'4-TriCB-(25)	ng/g	<0.00062	0.00062	0.010				7162464
TriCB-(26)+(29)	ng/g	<0.00071	0.00071	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.010				7162464
24'5-TriCB-(31)	ng/g	0.00284	0.00068	0.010				7162464
24'6-TriCB-(32)	ng/g	<0.00091	0.00091	0.010				7162464
23'5'-TriCB-(34)	ng/g	<0.00071	0.00071	0.010				7162464
33'4-TriCB-(35)	ng/g	<0.00070	0.00070	0.010				7162464
33'5-TriCB-(36)	ng/g	<0.00063	0.00063	0.010				7162464
344'-TriCB-(37)	ng/g	<0.0011	0.0011	0.010				7162464

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00069	0.00069	0.010				7162464
34'5-TriCB-(39)	ng/g	<0.00067	0.00067	0.010				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.010				7162464
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.010				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0038	0.0018	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.010				7162464
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.010				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0017	0.0017	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.020				7162464
22'55'-TetraCB-(52)	ng/g	<0.0036 (1)	0.0036	0.010				7162464
22'66'-TetraCB-(54)	ng/g	<0.0017	0.0017	0.010				7162464
233'4-TetraCB-(55)	ng/g	<0.0011	0.0011	0.010				7162464
233'4'-Tetra CB(56)	ng/g	<0.0012	0.0012	0.010				7162464
233'5-TetraCB-(57)	ng/g	<0.0012	0.0012	0.010				7162464
233'5'-TetraCB-(58)	ng/g	<0.0012	0.0012	0.010				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.0012	0.0012	0.010				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0087	0.0011	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0011	0.0011	0.010				7162464
234'6-TetraCB-(64)	ng/g	<0.0015	0.0015	0.010				7162464
23'44'-TetraCB-(66)	ng/g	0.0053	0.0011	0.010				7162464
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.010				7162464
23'45'-TetraCB-(68)	ng/g	<0.0011	0.0011	0.010				7162464
23'55'-TetraCB-(72)	ng/g	<0.0011	0.0011	0.010				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.010				7162464
33'44'-TetraCB-(77)	ng/g	<0.0016	0.0016	0.010	0.000100	0.000000160		7162464
33'45-TetraCB-(78)	ng/g	<0.0012	0.0012	0.010				7162464
33'45'-TetraCB(79)	ng/g	<0.0010	0.0010	0.010				7162464
33'55'-TetraCB-(80)	ng/g	<0.0010	0.0010	0.010				7162464
344'5-TetraCB-(81)	ng/g	<0.0016	0.0016	0.010	0.000300	0.000000480		7162464

EDL = Estimated Detection Limit

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.010				7162464
PentaCB-(83)+(99)	ng/g	0.0074	0.0024	0.020				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0026	0.0026	0.010				7162464
PentaCB-(85)+(116)+(117)	ng/g	<0.0018	0.0018	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0030	0.0020	0.060				7162464
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.010				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0079	0.0020	0.030				7162464
22'355'-PentaCB-(92)	ng/g	<0.0024	0.0024	0.010				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.010				7162464
22'35'6-PentaCB-(95)	ng/g	0.0026	0.0023	0.010				7162464
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.010				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0022	0.0022	0.010				7162464
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.010				7162464
233'44'-PentaCB-(105)	ng/g	0.0028	0.0015	0.010	0.0000300	0.0000000840		7162464
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.010				7162464
233'4'5-PentaCB-(107)	ng/g	<0.0011	0.0011	0.010				7162464
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0060	0.0020	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.010				7162464
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010				7162464
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.010	0.0000300	0.0000000420		7162464
23'44'5-PentaCB-(118)	ng/g	0.0087	0.0014	0.010	0.0000300	0.000000261		7162464
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.010				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.010				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.010	0.0000300	0.0000000480		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.010	0.100	0.000140		7162464
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.010				7162464
HexaCB-(128)+(166)	ng/g	<0.0028	0.0028	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0117	0.0029	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0037	0.0037	0.010				7162464

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.010				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0035	0.0035	0.010				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0034	0.0034	0.010				7162464
HexaCB-(134)+(143)	ng/g	<0.0037	0.0037	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0081	0.0081	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0061	0.0061	0.010				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0043	0.0043	0.010				7162464
HexaCB-(139)+(140)	ng/g	<0.0031	0.0031	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0030	0.0030	0.010				7162464
22'3456-HexaCB-(142)	ng/g	<0.0036	0.0036	0.010				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0080	0.0080	0.010				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0062	0.0062	0.010				7162464
22'34'55'-HexaCB-(146)	ng/g	<0.0028	0.0028	0.010				7162464
HexaCB-(147)+(149)	ng/g	0.0059	0.0031	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0081	0.0081	0.010				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0059	0.0059	0.010				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0061	0.0061	0.010				7162464
HexaCB-(153)+(168)	ng/g	0.0135	0.0026	0.010				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0069	0.0069	0.010				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0030	0.0030	0.010				7162464
HexaCB-(156)+(157)	ng/g	<0.0024	0.0024	0.020	0.0000300	0.0000000720		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0022	0.0022	0.010				7162464
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.010				7162464
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.010				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.010				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0018	0.0018	0.010				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0020	0.0020	0.010				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.010				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0022	0.0022	0.010	0.0000300	0.0000000660		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0024	0.0024	0.010	0.0300	0.0000720		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0035	0.0035	0.010				7162464
HeptaCB-(171)+(173)	ng/g	<0.0045	0.0045	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0048	0.0048	0.010				7162464

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0040	0.0040	0.010				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0053	0.0053	0.010				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0041	0.0041	0.010				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0046	0.0046	0.010				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0056	0.0056	0.010				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0039	0.0039	0.010				7162464
HeptaCB-(180)+(193)	ng/g	<0.0034	0.0034	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0045	0.0045	0.010				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0052	0.0052	0.010				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0046	0.0046	0.010				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0039	0.0039	0.010				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0042	0.0042	0.010				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0041	0.0041	0.010				7162464
22'34'55'6-HeptaCB-(187)	ng/g	<0.0049	0.0049	0.010				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0030	0.0030	0.010				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0023	0.0023	0.010	0.0000300	0.0000000690		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0035	0.0035	0.010				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0035	0.0035	0.010				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0037	0.0037	0.010				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0035	0.0035	0.010				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0037	0.0037	0.010				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0054	0.0054	0.010				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0048	0.0048	0.010				7162464
OctaCB-(198)+(199)	ng/g	<0.0054	0.0054	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0032	0.0032	0.010				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.010				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0031	0.0031	0.010				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0049	0.0049	0.010				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.010				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0038	0.0038	0.010				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0055	0.0055	0.010				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.010				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0056	0.0056	0.010				7162464

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0056	0.0056	0.010				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000213		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	98						7162464
C13-22'33'44'5-HeptaCB-(170)	%	88						7162464
C13-22'33'455'66'-NonaCB-(208)	%	97						7162464
C13-22'33'55'66'-OctaCB-(202)	%	108						7162464
C13-22'33'55'6-HeptaCB-(178)	%	122						7162464
C13-22'344'55'-HeptaCB-(180)	%	90						7162464
C13-22'34'566'-HeptaCB-(188)	%	103						7162464
C13-22'44'66'-HexaCB-(155)	%	99						7162464
C13-22'466'-PentaCB-(104)	%	99						7162464
C13-22'66'-TetraCB-(54)	%	96						7162464
C13-22'6-TriCB-(19)	%	83						7162464
C13-22'-DiCB-(4)	%	89						7162464
C13-233'44'55'6-OctaCB-(205)	%	81						7162464
C13-233'44'55'-HeptaCB-(189)	%	77						7162464
C13-233'44'-PentaCB-(105)	%	70						7162464
C13-233'55'-PentaCB-(111)	%	86						7162464
C13-23'44'55'-HexaCB-(167)	%	71						7162464
C13-2344'5-PentaCB-(114)	%	71						7162464
C13-23'44'5-PentaCB-(118)	%	73						7162464
C13-2'344'5-PentaCB-(123)	%	71						7162464
C13-2-MonoCB-(1)	%	60						7162464
C13-33'44'55'-HexaCB-(169)	%	63						7162464
C13-33'44'5-PentaCB-(126)	%	69						7162464
C13-33'44'-TetraCB-(77)	%	67						7162464
C13-344'5-TetraCB-(81)	%	68						7162464
C13-344'-TriCB-(37)	%	65						7162464
C13-44'-DiCB-(15)	%	71						7162464
C13-4-MonoCB-(3)	%	59						7162464
C13-DecaCB-(209)	%	131						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	71						7162464

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00078	0.00078	0.0099				7162464
3-MonoCB-(2)	ng/g	<0.00070	0.00070	0.0099				7162464
4-MonoCB-(3)	ng/g	<0.00078	0.00078	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.0014	0.0014	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.00078	0.00078	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.00069	0.00069	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.00067	0.00067	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.00061	0.00061	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.00066	0.00066	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0099				7162464
3,3'-DiCB-(11)	ng/g	0.00936	0.00069	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.00067	0.00067	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00067	0.00067	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.0011	0.0011	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.0043	0.0043	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0099				7162464
TriCB-(18)+(30)	ng/g	<0.0016	0.0016	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.00542	0.00073	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00073	0.00073	0.020				7162464
234'-TriCB-(22)	ng/g	<0.00077	0.00077	0.0099				7162464
235-TriCB-(23)	ng/g	<0.00083	0.00083	0.0099				7162464
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.00066	0.00066	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.00075	0.00075	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.00366	0.00072	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.00075	0.00075	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.00074	0.00074	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.00067	0.00067	0.0099				7162464
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099				7162464
345-TriCB-(38)	ng/g	<0.00073	0.00073	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.00071	0.00071	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0018	0.0018	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0018	0.0018	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.0024	0.0024	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0055	0.0016	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0021	0.0021	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.0018	0.0018	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0032	0.0015	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0112	0.0019	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.0024	0.0024	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.0014	0.0014	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0123	0.0014	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0099				7162464
234'6-TetraCB-(64)	ng/g	0.0021	0.0013	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.0084	0.0014	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.0013	0.0013	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.0099	0.000100	0.000000200		7162464
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.0013	0.0013	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0026	0.0026	0.0099				7162464
PentaCB-(83)+(99)	ng/g	0.0236	0.0023	0.020				7162464
22'33'6-PentaCB-(84)	ng/g	<0.0025	0.0025	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0041	0.0017	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0066	0.0019	0.059				7162464
PentaCB-(88)+(91)	ng/g	<0.0023	0.0023	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0209	0.0020	0.030				7162464
22'355'-PentaCB-(92)	ng/g	0.0036	0.0024	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	<0.0058 (1)	0.0058	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.0024	0.0024	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.0011	0.0011	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	0.0097	0.0017	0.0099	0.0000300	0.000000291		7162464
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	0.0023	0.0013	0.0099				7162464
PentaCB-(108)+(124)	ng/g	<0.0014	0.0014	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0138	0.0019	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0099	0.0000300	0.0000000510		7162464
23'44'5-PentaCB-(118)	ng/g	0.0297	0.0017	0.0099	0.0000300	0.000000891		7162464
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0099	0.100	0.000160		7162464
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099				7162464
HexaCB-(128)+(166)	ng/g	0.0036	0.0023	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0378	0.0025	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0031	0.0031	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0030	0.0030	0.0099				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.0099				7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.0031	0.0031	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0065	0.0065	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0049	0.0049	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0037	0.0037	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0026	0.0026	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0030	0.0030	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0064	0.0064	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0050	0.0050	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0094	0.0024	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.0143	0.0026	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0065	0.0065	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0047	0.0047	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0048	0.0048	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.0514	0.0022	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0055	0.0055	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0024	0.0024	0.0099				7162464
HexaCB-(156)+(157)	ng/g	0.0029	0.0016	0.020	0.0000300	0.0000000870		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0019	0.0019	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.0012	0.0012	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0012	0.0012	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0017	0.0017	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0022	0.0022	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0016	0.0016	0.0099	0.0300	0.0000480		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0026	0.0026	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	<0.0034	0.0034	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0035	0.0035	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0030	0.0030	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0034	0.0034	0.0099				7162464

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0045	0.0045	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0032	0.0032	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	0.0075	0.0025	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0033	0.0033	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0034	0.0034	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0031	0.0031	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0116	0.0040	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0099	0.0000300	0.0000000720		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0026	0.0026	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0026	0.0026	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0033	0.0033	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0034	0.0034	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0042	0.0042	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.0099				7162464
OctaCB-(198)+(199)	ng/g	<0.0041	0.0041	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0030	0.0030	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0024	0.0024	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0038	0.0038	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0031	0.0031	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0057	0.0057	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0053	0.0053	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0059	0.0059	0.0099				7162464
DecaCB-(209)	ng/g	<0.0061	0.0061	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000210		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	106						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	99						7162464
C13-22'33'455'66'-NonaCB-(208)	%	108						7162464
C13-22'33'55'66'-OctaCB-(202)	%	124						7162464
C13-22'33'55'6-HeptaCB-(178)	%	122						7162464
C13-22'344'55'-HeptaCB-(180)	%	99						7162464
C13-22'34'566'-HeptaCB-(188)	%	106						7162464
C13-22'44'66'-HexaCB-(155)	%	106						7162464
C13-22'466'-PentaCB-(104)	%	106						7162464
C13-22'66'-TetraCB-(54)	%	104						7162464
C13-22'6-TriCB-(19)	%	94						7162464
C13-22'-DiCB-(4)	%	97						7162464
C13-233'44'55'6-OctaCB-(205)	%	90						7162464
C13-233'44'55'-HeptaCB-(189)	%	83						7162464
C13-233'44'-PentaCB-(105)	%	72						7162464
C13-233'55'-PentaCB-(111)	%	90						7162464
C13-23'44'55'-HexaCB-(167)	%	74						7162464
C13-2344'5-PentaCB-(114)	%	77						7162464
C13-23'44'5-PentaCB-(118)	%	77						7162464
C13-2'344'5-PentaCB-(123)	%	77						7162464
C13-2-MonoCB-(1)	%	63						7162464
C13-33'44'55'-HexaCB-(169)	%	65						7162464
C13-33'44'5-PentaCB-(126)	%	71						7162464
C13-33'44'-TetraCB-(77)	%	70						7162464
C13-344'5-TetraCB-(81)	%	71						7162464
C13-344'-TriCB-(37)	%	70						7162464
C13-44'-DiCB-(15)	%	78						7162464
C13-4-MonoCB-(3)	%	63						7162464
C13-DecaCB-(209)	%	134						7162464
C13-HexaCB-(156)+(157)	%	75						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00089	0.00089	0.0098				7162464
3-MonoCB-(2)	ng/g	<0.00079	0.00079	0.0098				7162464
4-MonoCB-(3)	ng/g	<0.00089	0.00089	0.0098				7162464
22'-DiCB-(4)	ng/g	<0.0016	0.0016	0.0098				7162464
2,3-DiCB-(5)	ng/g	<0.00069	0.00069	0.0098				7162464
2,3'-DiCB-(6)	ng/g	<0.00061	0.00061	0.0098				7162464
2,4-DiCB-(7)	ng/g	<0.00059	0.00059	0.0098				7162464
2,4'-DiCB-(8)	ng/g	<0.00054	0.00054	0.0098				7162464
2,5-DiCB-(9)	ng/g	<0.00058	0.00058	0.0098				7162464
2,6-DiCB-(10)	ng/g	<0.0021	0.0021	0.0098				7162464
3,3'-DiCB-(11)	ng/g	<0.0040 (1)	0.0040	0.0098				7162464
DiCB-(12)+(13)	ng/g	<0.00059	0.00059	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.0098				7162464
4,4'-DiCB-(15)	ng/g	<0.00095	0.00095	0.0098				7162464
22'3-TriCB-(16)	ng/g	<0.0048	0.0048	0.0098				7162464
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0098				7162464
TriCB-(18)+(30)	ng/g	0.0030	0.0018	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0098				7162464
TriCB-(20) + (28)	ng/g	0.0147	0.00075	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00075	0.00075	0.020				7162464
234'-TriCB-(22)	ng/g	0.00195	0.00079	0.0098				7162464
235-TriCB-(23)	ng/g	<0.00086	0.00086	0.0098				7162464
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0098				7162464
23'4-TriCB-(25)	ng/g	<0.00068	0.00068	0.0098				7162464
TriCB-(26)+(29)	ng/g	0.00128	0.00078	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0098				7162464
24'5-TriCB-(31)	ng/g	0.0119	0.00075	0.0098				7162464
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0098				7162464
23'5'-TriCB-(34)	ng/g	<0.00078	0.00078	0.0098				7162464
33'4-TriCB-(35)	ng/g	<0.00077	0.00077	0.0098				7162464
33'5-TriCB-(36)	ng/g	<0.00069	0.00069	0.0098				7162464
344'-TriCB-(37)	ng/g	<0.0013	0.0013	0.0098				7162464

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00076	0.00076	0.0098				7162464
34'5-TriCB-(39)	ng/g	<0.00073	0.00073	0.0098				7162464
TetraCB-(40)+(41)+(71)	ng/g	0.0018	0.0015	0.029				7162464
22'34'-TetraCB-(42)	ng/g	0.0022	0.0016	0.0098				7162464
22'35-TetraCB-(43)	ng/g	<0.0020	0.0020	0.0098				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0253	0.0014	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0016	0.0016	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0018	0.0018	0.0098				7162464
22'45-TetraCB-(48)	ng/g	<0.0015	0.0015	0.0098				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0173	0.0013	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0015	0.0015	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0658	0.0016	0.0098				7162464
22'66'-TetraCB-(54)	ng/g	<0.0022	0.0022	0.0098				7162464
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0098				7162464
233'4'-Tetra CB(56)	ng/g	0.0022	0.0017	0.0098				7162464
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0098				7162464
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0098				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0011	0.0011	0.029				7162464
2344'-TetraCB -(60)	ng/g	0.0060	0.0017	0.0098				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0554	0.0016	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0098				7162464
234'6-TetraCB-(64)	ng/g	0.0083	0.0011	0.0098				7162464
23'44'-TetraCB-(66)	ng/g	0.0268	0.0017	0.0098				7162464
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0098				7162464
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0098				7162464
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0098				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0098				7162464
33'44'-TetraCB-(77)	ng/g	<0.0023	0.0023	0.0098	0.000100	0.000000230		7162464
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0098				7162464
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.0098				7162464
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0098				7162464
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0098	0.000300	0.000000690		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.0098				7162464
PentaCB-(83)+(99)	ng/g	0.124	0.0029	0.020				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0032	0.0032	0.0098				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0234	0.0022	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0346	0.0024	0.059				7162464
PentaCB-(88)+(91)	ng/g	0.0055	0.0029	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0098				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.122	0.0025	0.029				7162464
22'355'-PentaCB-(92)	ng/g	0.0232	0.0030	0.0098				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0028	0.0028	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0098				7162464
22'35'6-PentaCB-(95)	ng/g	0.0313	0.0028	0.0098				7162464
22'366'-PentaCB-(96)	ng/g	<0.0032	0.0032	0.0098				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0098				7162464
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0098				7162464
233'44'-PentaCB-(105)	ng/g	0.0417	0.0014	0.0098	0.0000300	0.00000125		7162464
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0098				7162464
233'4'5-PentaCB-(107)	ng/g	0.0095	0.0011	0.0098				7162464
PentaCB-(108)+(124)	ng/g	<0.0012	0.0012	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0633	0.0024	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0098				7162464
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0098				7162464
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0098	0.0000300	0.0000000420		7162464
23'44'5-PentaCB-(118)	ng/g	0.116	0.0014	0.0098	0.0000300	0.00000348		7162464
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0098				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0098				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0098				7162464
23'44'5'-PentaCB-(123)	ng/g	0.0021	0.0016	0.0098	0.0000300	0.0000000630		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0098	0.100	0.000140		7162464
33'455'-PentaCB-(127)	ng/g	<0.0011	0.0011	0.0098				7162464
HexaCB-(128)+(166)	ng/g	0.0251	0.0035	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.227	0.0037	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0093	0.0046	0.0098				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0047	0.0047	0.0098				7162464
22'33'46'-HexaCB-(132)	ng/g	0.0134	0.0044	0.0098				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.0042	0.0042	0.0098				7162464

EDL = Estimated Detection Limit
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.0046	0.0046	0.020				7162464
HexaCB-(135)+(151)	ng/g	0.0322	0.0075	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0056	0.0056	0.0098				7162464
22'344'5-HexaCB-(137)	ng/g	0.0134	0.0054	0.0098				7162464
HexaCB-(139)+(140)	ng/g	<0.0038	0.0038	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	0.0095	0.0038	0.0098				7162464
22'3456-HexaCB-(142)	ng/g	<0.0044	0.0044	0.0098				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0074	0.0074	0.0098				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0057	0.0057	0.0098				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0441	0.0036	0.0098				7162464
HexaCB-(147)+(149)	ng/g	0.0671	0.0038	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0075	0.0075	0.0098				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0055	0.0055	0.0098				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0056	0.0056	0.0098				7162464
HexaCB-(153)+(168)	ng/g	0.301	0.0033	0.0098				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0064	0.0064	0.0098				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0027	0.0027	0.0098				7162464
HexaCB-(156)+(157)	ng/g	0.0142	0.0020	0.020	0.0000300	0.000000426		7162464
233'44'6-HexaCB-(158)	ng/g	0.0102	0.0028	0.0098				7162464
233'455'-HexaCB-(159)	ng/g	<0.0015	0.0015	0.0098				7162464
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0098				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0031	0.0031	0.0098				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0015	0.0015	0.0098				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0026	0.0026	0.0098				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0033	0.0033	0.0098				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0046	0.0019	0.0098	0.0000300	0.000000138		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0020	0.0020	0.0098	0.0300	0.0000600		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0182	0.0023	0.0098				7162464
HeptaCB-(171)+(173)	ng/g	0.0054	0.0030	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0032	0.0032	0.0098				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.0053	0.0027	0.0098				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.0098				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0098				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	0.0108	0.0031	0.0098				7162464

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0143	0.0045	0.0098				7162464
22'33'566'-HeptaCB-(179)	ng/g	0.0060	0.0032	0.0098				7162464
HeptaCB-(180)+(193)	ng/g	0.0509	0.0023	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0030	0.0030	0.0098				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0042	0.0042	0.0098				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0185	0.0031	0.0098				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0098				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0028	0.0028	0.0098				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.0098				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0671	0.0040	0.0098				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0024	0.0024	0.0098				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0022	0.0022	0.0098	0.0000300	0.0000000660		7162464
233'44'56-HeptaCB-(190)	ng/g	0.0040	0.0023	0.0098				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0023	0.0023	0.0098				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0098				7162464
22'33'44'55'-OctaCB-(194)	ng/g	0.0062	0.0039	0.0098				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0098				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0044	0.0044	0.0098				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0039	0.0039	0.0098				7162464
OctaCB-(198)+(199)	ng/g	0.0111	0.0044	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0026	0.0026	0.0098				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0032	0.0032	0.0098				7162464
22'33'55'66'-OctaCB-(202)	ng/g	0.0054	0.0025	0.0098				7162464
22'344'55'6-OctaCB-(203)	ng/g	0.0051	0.0040	0.0098				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0033	0.0033	0.0098				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.0098				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0043	0.0043	0.0098				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0040	0.0040	0.0098				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0044	0.0044	0.0098				7162464
DecaCB-(209)	ng/g	<0.0064	0.0064	0.0098				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000206		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	107						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	93						7162464
C13-22'33'455'66'-NonaCB-(208)	%	104						7162464
C13-22'33'55'66'-OctaCB-(202)	%	116						7162464
C13-22'33'55'6-HeptaCB-(178)	%	122						7162464
C13-22'344'55'-HeptaCB-(180)	%	95						7162464
C13-22'34'566'-HeptaCB-(188)	%	103						7162464
C13-22'44'66'-HexaCB-(155)	%	102						7162464
C13-22'466'-PentaCB-(104)	%	96						7162464
C13-22'66'-TetraCB-(54)	%	97						7162464
C13-22'6-TriCB-(19)	%	87						7162464
C13-22'-DiCB-(4)	%	91						7162464
C13-233'44'55'6-OctaCB-(205)	%	83						7162464
C13-233'44'55'-HeptaCB-(189)	%	80						7162464
C13-233'44'-PentaCB-(105)	%	70						7162464
C13-233'55'-PentaCB-(111)	%	86						7162464
C13-23'44'55'-HexaCB-(167)	%	71						7162464
C13-2344'5-PentaCB-(114)	%	71						7162464
C13-23'44'5-PentaCB-(118)	%	70						7162464
C13-2'344'5-PentaCB-(123)	%	71						7162464
C13-2-MonoCB-(1)	%	63						7162464
C13-33'44'55'-HexaCB-(169)	%	67						7162464
C13-33'44'5-PentaCB-(126)	%	67						7162464
C13-33'44'-TetraCB-(77)	%	68						7162464
C13-344'5-TetraCB-(81)	%	69						7162464
C13-344'-TriCB-(37)	%	65						7162464
C13-44'-DiCB-(15)	%	71						7162464
C13-4-MonoCB-(3)	%	59						7162464
C13-DecaCB-(209)	%	126						7162464
C13-HexaCB-(156)+(157)	%	70						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00052	0.00052	0.0097				7162464
3-MonoCB-(2)	ng/g	0.00078	0.00046	0.0097				7162464
4-MonoCB-(3)	ng/g	<0.00076 (1)	0.00076	0.0097				7162464
22'-DiCB-(4)	ng/g	<0.0010	0.0010	0.0097				7162464
2,3-DiCB-(5)	ng/g	<0.00069	0.00069	0.0097				7162464
2,3'-DiCB-(6)	ng/g	<0.00061	0.00061	0.0097				7162464
2,4-DiCB-(7)	ng/g	<0.00059	0.00059	0.0097				7162464
2,4'-DiCB-(8)	ng/g	<0.00054	0.00054	0.0097				7162464
2,5-DiCB-(9)	ng/g	<0.00058	0.00058	0.0097				7162464
2,6-DiCB-(10)	ng/g	<0.0014	0.0014	0.0097				7162464
3,3'-DiCB-(11)	ng/g	<0.0092 (1)	0.0092	0.0097				7162464
DiCB-(12)+(13)	ng/g	<0.00059	0.00059	0.019				7162464
3,5-DiCB-(14)	ng/g	<0.00059	0.00059	0.0097				7162464
4,4'-DiCB-(15)	ng/g	<0.00095	0.00095	0.0097				7162464
22'3-TriCB-(16)	ng/g	<0.0049	0.0049	0.0097				7162464
22'4-TriCB-(17)	ng/g	<0.0022	0.0022	0.0097				7162464
TriCB-(18)+(30)	ng/g	0.0025	0.0018	0.019				7162464
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0097				7162464
TriCB-(20) + (28)	ng/g	0.0142	0.0012	0.019				7162464
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.019				7162464
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.0097				7162464
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0097				7162464
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0097				7162464
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0097				7162464
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.019				7162464
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0097				7162464
24'5-TriCB-(31)	ng/g	0.0085	0.0012	0.0097				7162464
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0097				7162464
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0097				7162464
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0097				7162464
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0097				7162464
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0097				7162464

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0097				7162464
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0097				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0024	0.0024	0.029				7162464
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0097				7162464
22'35-TetraCB-(43)	ng/g	<0.0033	0.0033	0.0097				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0187	0.0022	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0025	0.0025	0.019				7162464
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0097				7162464
22'45-TetraCB-(48)	ng/g	<0.0025	0.0025	0.0097				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0084	0.0021	0.019				7162464
TetraCB-(50)+(53)	ng/g	<0.0024	0.0024	0.019				7162464
22'55'-TetraCB-(52)	ng/g	0.0368	0.0026	0.0097				7162464
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0097				7162464
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0097				7162464
233'4'-Tetra CB(56)	ng/g	<0.0019	0.0019	0.0097				7162464
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0097				7162464
233'5'-TetraCB-(58)	ng/g	<0.0019	0.0019	0.0097				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0018	0.0018	0.029				7162464
2344'-TetraCB -(60)	ng/g	0.0058	0.0019	0.0097				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0417	0.0018	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.0097				7162464
234'6-TetraCB-(64)	ng/g	0.0067	0.0018	0.0097				7162464
23'44'-TetraCB-(66)	ng/g	0.0236	0.0018	0.0097				7162464
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.0097				7162464
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.0097				7162464
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0097				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0017	0.0017	0.0097				7162464
33'44'-TetraCB-(77)	ng/g	<0.0025	0.0025	0.0097	0.000100	0.000000250		7162464
33'45-TetraCB-(78)	ng/g	<0.0019	0.0019	0.0097				7162464
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0097				7162464
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0097				7162464
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0097	0.000300	0.000000750		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.0097				7162464
PentaCB-(83)+(99)	ng/g	0.0795	0.0025	0.019				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.0097				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0137	0.0019	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0209	0.0021	0.058				7162464
PentaCB-(88)+(91)	ng/g	<0.0038 (1)	0.0038	0.019				7162464
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0097				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0749	0.0021	0.029				7162464
22'355'-PentaCB-(92)	ng/g	0.0145	0.0025	0.0097				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0097				7162464
22'35'6-PentaCB-(95)	ng/g	0.0223	0.0024	0.0097				7162464
22'366'-PentaCB-(96)	ng/g	<0.0031	0.0031	0.0097				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0097				7162464
22'466'-PentaCB-(104)	ng/g	<0.0015	0.0015	0.0097				7162464
233'44'-PentaCB-(105)	ng/g	0.0325	0.0017	0.0097	0.0000300	0.000000975		7162464
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0097				7162464
233'4'5-PentaCB-(107)	ng/g	0.0073	0.0013	0.0097				7162464
PentaCB-(108)+(124)	ng/g	<0.0014	0.0014	0.019				7162464
PentaCB-(110)+(115)	ng/g	0.0470	0.0021	0.019				7162464
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0097				7162464
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0097				7162464
2344'5-PentaCB-(114)	ng/g	<0.0017	0.0017	0.0097	0.0000300	0.0000000510		7162464
23'44'5-PentaCB-(118)	ng/g	0.0890	0.0017	0.0097	0.0000300	0.00000267		7162464
23'455'-PentaCB-(120)	ng/g	<0.0018	0.0018	0.0097				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0097				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0015	0.0015	0.0097				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0019	0.0019	0.0097	0.0000300	0.0000000570		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0016	0.0016	0.0097	0.100	0.000160		7162464
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0097				7162464
HexaCB-(128)+(166)	ng/g	0.0160	0.0024	0.019				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.133	0.0025	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0045	0.0032	0.0097				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0032	0.0032	0.0097				7162464
22'33'46'-HexaCB-(132)	ng/g	0.0100	0.0030	0.0097				7162464

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.0097				7162464
HexaCB-(134)+(143)	ng/g	<0.0031	0.0031	0.019				7162464
HexaCB-(135)+(151)	ng/g	0.0240	0.0085	0.019				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0064	0.0064	0.0097				7162464
22'344'5-HexaCB-(137)	ng/g	0.0064	0.0037	0.0097				7162464
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.019				7162464
22'3455'-HexaCB-(141)	ng/g	0.0083	0.0026	0.0097				7162464
22'3456-HexaCB-(142)	ng/g	<0.0031	0.0031	0.0097				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0084	0.0084	0.0097				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0066	0.0066	0.0097				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0278	0.0024	0.0097				7162464
HexaCB-(147)+(149)	ng/g	0.0499	0.0026	0.019				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0085	0.0085	0.0097				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0063	0.0063	0.0097				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0064	0.0064	0.0097				7162464
HexaCB-(153)+(168)	ng/g	0.168	0.0023	0.0097				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0073	0.0073	0.0097				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0031	0.0031	0.0097				7162464
HexaCB-(156)+(157)	ng/g	0.0086	0.0023	0.019	0.0000300	0.000000258		7162464
233'44'6-HexaCB-(158)	ng/g	0.0054	0.0019	0.0097				7162464
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0097				7162464
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0097				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0097				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0097				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.0033	0.0018	0.0097				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0097				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0041	0.0022	0.0097	0.0000300	0.000000123		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0097	0.0300	0.0000690		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0091	0.0024	0.0097				7162464
HeptaCB-(171)+(173)	ng/g	0.0033	0.0031	0.019				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0032	0.0032	0.0097				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.0051	0.0027	0.0097				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0066	0.0066	0.0097				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0051	0.0051	0.0097				7162464

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	0.0072	0.0032	0.0097				7162464
22'33'55'6-HeptaCB-(178)	ng/g	0.0084	0.0069	0.0097				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0049	0.0049	0.0097				7162464
HeptaCB-(180)+(193)	ng/g	0.0251	0.0023	0.019				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0031	0.0031	0.0097				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0064	0.0064	0.0097				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0070	0.0032	0.0097				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0048	0.0048	0.0097				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0029	0.0029	0.0097				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0051	0.0051	0.0097				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0379	0.0061	0.0097				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0037	0.0037	0.0097				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0024	0.0024	0.0097	0.0000300	0.0000000720		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0024	0.0024	0.0097				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0024	0.0024	0.0097				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0025	0.0025	0.0097				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0031	0.0031	0.0097				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0033	0.0033	0.0097				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0085	0.0085	0.0097				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0075	0.0075	0.0097				7162464
OctaCB-(198)+(199)	ng/g	<0.0085	0.0085	0.019				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0097				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0062	0.0062	0.0097				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0049	0.0049	0.0097				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0077	0.0077	0.0097				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0063	0.0063	0.0097				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.0097				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0046	0.0046	0.0097				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0042	0.0042	0.0097				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0047	0.0047	0.0097				7162464
DecaCB-(209)	ng/g	<0.0065	0.0065	0.0097				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000234		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	94						7162464
C13-22'33'44'5-HeptaCB-(170)	%	85						7162464
C13-22'33'455'66'-NonaCB-(208)	%	94						7162464
C13-22'33'55'66'-OctaCB-(202)	%	103						7162464
C13-22'33'55'6-HeptaCB-(178)	%	103						7162464
C13-22'344'55'-HeptaCB-(180)	%	85						7162464
C13-22'34'566'-HeptaCB-(188)	%	100						7162464
C13-22'44'66'-HexaCB-(155)	%	99						7162464
C13-22'466'-PentaCB-(104)	%	97						7162464
C13-22'66'-TetraCB-(54)	%	93						7162464
C13-22'6-TriCB-(19)	%	85						7162464
C13-22'-DiCB-(4)	%	90						7162464
C13-233'44'55'6-OctaCB-(205)	%	79						7162464
C13-233'44'55'-HeptaCB-(189)	%	71						7162464
C13-233'44'-PentaCB-(105)	%	67						7162464
C13-233'55'-PentaCB-(111)	%	74						7162464
C13-23'44'55'-HexaCB-(167)	%	67						7162464
C13-2344'5-PentaCB-(114)	%	67						7162464
C13-23'44'5-PentaCB-(118)	%	71						7162464
C13-2'344'5-PentaCB-(123)	%	69						7162464
C13-2-MonoCB-(1)	%	60						7162464
C13-33'44'55'-HexaCB-(169)	%	60						7162464
C13-33'44'5-PentaCB-(126)	%	65						7162464
C13-33'44'-TetraCB-(77)	%	64						7162464
C13-344'5-TetraCB-(81)	%	64						7162464
C13-344'-TriCB-(37)	%	63						7162464
C13-44'-DiCB-(15)	%	72						7162464
C13-4-MonoCB-(3)	%	56						7162464
C13-DecaCB-(209)	%	112						7162464
C13-HexaCB-(156)+(157)	%	67						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00079	0.00079	0.0097				7162464
3-MonoCB-(2)	ng/g	<0.00070	0.00070	0.0097				7162464
4-MonoCB-(3)	ng/g	<0.00079	0.00079	0.0097				7162464
22'-DiCB-(4)	ng/g	<0.00096	0.00096	0.0097				7162464
2,3-DiCB-(5)	ng/g	<0.00086	0.00086	0.0097				7162464
2,3'-DiCB-(6)	ng/g	<0.00076	0.00076	0.0097				7162464
2,4-DiCB-(7)	ng/g	<0.00074	0.00074	0.0097				7162464
2,4'-DiCB-(8)	ng/g	<0.00068	0.00068	0.0097				7162464
2,5-DiCB-(9)	ng/g	<0.00073	0.00073	0.0097				7162464
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.0097				7162464
3,3'-DiCB-(11)	ng/g	0.0107	0.00076	0.0097				7162464
DiCB-(12)+(13)	ng/g	<0.00074	0.00074	0.019				7162464
3,5-DiCB-(14)	ng/g	<0.00074	0.00074	0.0097				7162464
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0097				7162464
22'3-TriCB-(16)	ng/g	<0.0045	0.0045	0.0097				7162464
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0097				7162464
TriCB-(18)+(30)	ng/g	0.0021	0.0017	0.019				7162464
22'6-TriCB-(19)	ng/g	<0.0012	0.0012	0.0097				7162464
TriCB-(20) + (28)	ng/g	<0.0095 (1)	0.0095	0.019				7162464
TriCB-(21)+(33)	ng/g	<0.00097	0.00097	0.019				7162464
234'-TriCB-(22)	ng/g	0.0015	0.0010	0.0097				7162464
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0097				7162464
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.0097				7162464
23'4-TriCB-(25)	ng/g	<0.00088	0.00088	0.0097				7162464
TriCB-(26)+(29)	ng/g	<0.0010	0.0010	0.019				7162464
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0097				7162464
24'5-TriCB-(31)	ng/g	<0.0069 (1)	0.0069	0.0097				7162464
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0097				7162464
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0097				7162464
33'4-TriCB-(35)	ng/g	<0.00099	0.00099	0.0097				7162464
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.0097				7162464
344'-TriCB-(37)	ng/g	<0.0016	0.0016	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00098	0.00098	0.0097				7162464
34'5-TriCB-(39)	ng/g	<0.00094	0.00094	0.0097				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.029				7162464
22'34'-TetraCB-(42)	ng/g	<0.0021	0.0021	0.0097				7162464
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0097				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0205	0.0018	0.029				7162464
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.019				7162464
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0097				7162464
22'45-TetraCB-(48)	ng/g	<0.0020	0.0020	0.0097				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.0124	0.0017	0.019				7162464
TetraCB-(50)+(53)	ng/g	<0.0019	0.0019	0.019				7162464
22'55'-TetraCB-(52)	ng/g	0.0527	0.0021	0.0097				7162464
22'66'-TetraCB-(54)	ng/g	<0.0013	0.0013	0.0097				7162464
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0097				7162464
233'4'-Tetra CB(56)	ng/g	0.0019	0.0017	0.0097				7162464
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0097				7162464
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0097				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.029				7162464
2344'-TetraCB -(60)	ng/g	0.0055	0.0017	0.0097				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0406	0.0016	0.039				7162464
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0097				7162464
234'6-TetraCB-(64)	ng/g	0.0058	0.0015	0.0097				7162464
23'44'-TetraCB-(66)	ng/g	0.0204	0.0016	0.0097				7162464
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0097				7162464
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0097				7162464
23'55'-TetraCB-(72)	ng/g	<0.0016	0.0016	0.0097				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0097				7162464
33'44'-TetraCB-(77)	ng/g	<0.0023	0.0023	0.0097	0.000100	0.000000230		7162464
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0097				7162464
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.0097				7162464
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0097				7162464
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0097	0.000300	0.000000690		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0045	0.0045	0.0097				7162464
PentaCB-(83)+(99)	ng/g	0.117	0.0039	0.019				7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0043	0.0043	0.0097				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.0220	0.0030	0.029				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0285	0.0033	0.058				7162464
PentaCB-(88)+(91)	ng/g	0.0049	0.0040	0.019				7162464
22'346'-PentaCB-(89)	ng/g	<0.0043	0.0043	0.0097				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.116	0.0034	0.029				7162464
22'355'-PentaCB-(92)	ng/g	0.0247	0.0040	0.0097				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0038	0.0038	0.039				7162464
22'356'-PentaCB-(94)	ng/g	<0.0042	0.0042	0.0097				7162464
22'35'6-PentaCB-(95)	ng/g	0.0278	0.0039	0.0097				7162464
22'366'-PentaCB-(96)	ng/g	<0.0012	0.0012	0.0097				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0036	0.0036	0.0097				7162464
22'466'-PentaCB-(104)	ng/g	<0.00059	0.00059	0.0097				7162464
233'44'-PentaCB-(105)	ng/g	0.0420	0.0012	0.0097	0.0000300	0.00000126		7162464
233'45-PentaCB-(106)	ng/g	<0.00091	0.00091	0.0097				7162464
233'4'5-PentaCB-(107)	ng/g	0.0111	0.00089	0.0097				7162464
PentaCB-(108)+(124)	ng/g	0.00287	0.00096	0.019				7162464
PentaCB-(110)+(115)	ng/g	0.0671	0.0033	0.019				7162464
233'55'-PentaCB-(111)	ng/g	<0.0029	0.0029	0.0097				7162464
233'56-PentaCB-(112)	ng/g	<0.0030	0.0030	0.0097				7162464
2344'5-PentaCB-(114)	ng/g	0.0025	0.0012	0.0097	0.0000300	0.0000000750		7162464
23'44'5-PentaCB-(118)	ng/g	0.133	0.0012	0.0097	0.0000300	0.00000399		7162464
23'455'-PentaCB-(120)	ng/g	<0.0028	0.0028	0.0097				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0029	0.0029	0.0097				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.0010	0.0010	0.0097				7162464
23'44'5'-PentaCB-(123)	ng/g	0.0033	0.0013	0.0097	0.0000300	0.000000099		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0097	0.100	0.000110		7162464
33'455'-PentaCB-(127)	ng/g	<0.00092	0.00092	0.0097				7162464
HexaCB-(128)+(166)	ng/g	0.0286	0.0033	0.019				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.274	0.0035	0.029				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0113	0.0044	0.0097				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0097				7162464
22'33'46'-HexaCB-(132)	ng/g	0.0126	0.0042	0.0097				7162464
22'33'55'-HexaCB-(133)	ng/g	0.0071	0.0040	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.019				7162464
HexaCB-(135)+(151)	ng/g	0.0400	0.0061	0.019				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0046	0.0046	0.0097				7162464
22'344'5-HexaCB-(137)	ng/g	0.0113	0.0051	0.0097				7162464
HexaCB-(139)+(140)	ng/g	<0.0036	0.0036	0.019				7162464
22'3455'-HexaCB-(141)	ng/g	0.0104	0.0036	0.0097				7162464
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.0097				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0060	0.0060	0.0097				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0047	0.0047	0.0097				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0547	0.0034	0.0097				7162464
HexaCB-(147)+(149)	ng/g	0.0647	0.0037	0.019				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0061	0.0061	0.0097				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0045	0.0045	0.0097				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0046	0.0046	0.0097				7162464
HexaCB-(153)+(168)	ng/g	0.341	0.0031	0.0097				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0052	0.0052	0.0097				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.0097				7162464
HexaCB-(156)+(157)	ng/g	0.0163	0.0023	0.019	0.0000300	0.000000489		7162464
233'44'6-HexaCB-(158)	ng/g	0.0119	0.0026	0.0097				7162464
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0097				7162464
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.0097				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0097				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.0017	0.0017	0.0097				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.0050	0.0024	0.0097				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0031	0.0031	0.0097				7162464
23'44'55'-HexaCB-(167)	ng/g	0.0072	0.0022	0.0097	0.0000300	0.000000216		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0097	0.0300	0.0000690		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.0172	0.0020	0.0097				7162464
HeptaCB-(171)+(173)	ng/g	0.0053	0.0026	0.019				7162464
22'33'455'-HeptaCB-(172)	ng/g	0.0047	0.0027	0.0097				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.0074	0.0023	0.0097				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0097				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0035	0.0035	0.0097				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	0.0116	0.0026	0.0097				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0140	0.0047	0.0097				7162464
22'33'566'-HeptaCB-(179)	ng/g	0.0063	0.0033	0.0097				7162464
HeptaCB-(180)+(193)	ng/g	0.0560	0.0020	0.019				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0026	0.0026	0.0097				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0097				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.0170	0.0027	0.0097				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0033	0.0033	0.0097				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0097				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0035	0.0035	0.0097				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0744	0.0042	0.0097				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0025	0.0025	0.0097				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0015	0.0015	0.0097	0.0000300	0.0000000450		7162464
233'44'56-HeptaCB-(190)	ng/g	0.0031	0.0020	0.0097				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0020	0.0020	0.0097				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0097				7162464
22'33'44'55'-OctaCB-(194)	ng/g	0.0063	0.0022	0.0097				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.0097				7162464
22'33'44'56'-OctaCB-(196)	ng/g	0.0037	0.0033	0.0097				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0029	0.0029	0.0097				7162464
OctaCB-(198)+(199)	ng/g	0.0081	0.0032	0.019				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.0097				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0024	0.0024	0.0097				7162464
22'33'55'66'-OctaCB-(202)	ng/g	0.0043	0.0019	0.0097				7162464
22'344'55'6-OctaCB-(203)	ng/g	0.0043	0.0029	0.0097				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0024	0.0024	0.0097				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0024	0.0024	0.0097				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.0097				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0097				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.0097				7162464
DecaCB-(209)	ng/g	<0.0024	0.0024	0.0097				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000186		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	67						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	95						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	93						7162464
C13-22'33'455'66'-NonaCB-(208)	%	104						7162464
C13-22'33'55'66'-OctaCB-(202)	%	113						7162464
C13-22'33'55'6-HeptaCB-(178)	%	115						7162464
C13-22'344'55'-HeptaCB-(180)	%	93						7162464
C13-22'34'566'-HeptaCB-(188)	%	105						7162464
C13-22'44'66'-HexaCB-(155)	%	101						7162464
C13-22'466'-PentaCB-(104)	%	97						7162464
C13-22'66'-TetraCB-(54)	%	100						7162464
C13-22'6-TriCB-(19)	%	86						7162464
C13-22'-DiCB-(4)	%	91						7162464
C13-233'44'55'6-OctaCB-(205)	%	82						7162464
C13-233'44'55'-HeptaCB-(189)	%	78						7162464
C13-233'44'-PentaCB-(105)	%	72						7162464
C13-233'55'-PentaCB-(111)	%	84						7162464
C13-23'44'55'-HexaCB-(167)	%	73						7162464
C13-2344'5-PentaCB-(114)	%	71						7162464
C13-23'44'5-PentaCB-(118)	%	73						7162464
C13-2'344'5-PentaCB-(123)	%	72						7162464
C13-2-MonoCB-(1)	%	61						7162464
C13-33'44'55'-HexaCB-(169)	%	61						7162464
C13-33'44'5-PentaCB-(126)	%	73						7162464
C13-33'44'-TetraCB-(77)	%	69						7162464
C13-344'5-TetraCB-(81)	%	70						7162464
C13-344'-TriCB-(37)	%	67						7162464
C13-44'-DiCB-(15)	%	76						7162464
C13-4-MonoCB-(3)	%	60						7162464
C13-DecaCB-(209)	%	123						7162464
C13-HexaCB-(156)+(157)	%	72						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00112	0.00071	0.0099				7162464
3-MonoCB-(2)	ng/g	0.00124	0.00063	0.0099				7162464
4-MonoCB-(3)	ng/g	0.00119	0.00070	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.00093	0.00093	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.00089	0.00089	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.00079	0.00079	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.00077	0.00077	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.00070	0.00070	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.00075	0.00075	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.0013	0.0013	0.0099				7162464
3,3'-DiCB-(11)	ng/g	0.00915	0.00079	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.00077	0.00077	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00077	0.00077	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.0012	0.0012	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.0056	0.0056	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.0099				7162464
TriCB-(18)+(30)	ng/g	<0.0021	0.0021	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.0016	0.0016	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.00265	0.00071	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00071	0.00071	0.020				7162464
234'-TriCB-(22)	ng/g	<0.00075	0.00075	0.0099				7162464
235-TriCB-(23)	ng/g	<0.00081	0.00081	0.0099				7162464
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.00065	0.00065	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.00074	0.00074	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.00193	0.00071	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.00074	0.00074	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.00073	0.00073	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.00066	0.00066	0.0099				7162464
344'-TriCB-(37)	ng/g	<0.0012	0.0012	0.0099				7162464
345-TriCB-(38)	ng/g	<0.00072	0.00072	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.00069	0.00069	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.0017	0.0017	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.0018	0.0018	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.0026	0.0016	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.0018	0.0018	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.0020	0.0020	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.0018	0.0018	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0015	0.0015	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.0017	0.0017	0.020				7162464
22'55'-TetraCB-(52)	ng/g	<0.0036 (1)	0.0036	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.0010	0.0010	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.0012	0.0012	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	<0.0013	0.0013	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.0013	0.0013	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.0013	0.0013	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0060	0.0012	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.0012	0.0012	0.0099				7162464
234'6-TetraCB-(64)	ng/g	<0.0013	0.0013	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.0030	0.0012	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.0011	0.0011	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.0012	0.0012	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.0012	0.0012	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	<0.0017	0.0017	0.0099	0.000100	0.000000170		7162464
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.0011	0.0011	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0099	0.000300	0.000000510		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0099				7162464
PentaCB-(83)+(99)	ng/g	<0.0032 (1)	0.0032	0.020				7162464

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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0017	0.0017	0.0099				7162464
PentaCB-(85)+(116)+(117)	ng/g	<0.0012	0.0012	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0018 (1)	0.0018	0.059				7162464
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0017	0.0017	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0051	0.0013	0.030				7162464
22'355'-PentaCB-(92)	ng/g	<0.0016	0.0016	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	0.0026	0.0015	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.0019	0.0019	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.0014	0.0014	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.00092	0.00092	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	<0.0014 (1)	0.0014	0.0099	0.0000300	0.0000000420		7162464
233'45-PentaCB-(106)	ng/g	<0.00086	0.00086	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	<0.00084	0.00084	0.0099				7162464
PentaCB-(108)+(124)	ng/g	<0.00091	0.00091	0.020				7162464
PentaCB-(110)+(115)	ng/g	<0.0028 (1)	0.0028	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.0011	0.0011	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	<0.0011	0.0011	0.0099	0.0000300	0.0000000330		7162464
23'44'5-PentaCB-(118)	ng/g	0.0045	0.0011	0.0099	0.0000300	0.000000135		7162464
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.00097	0.00097	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360		7162464
33'44'5-PentaCB-(126)	ng/g	<0.0011	0.0011	0.0099	0.100	0.000110		7162464
33'455'-PentaCB-(127)	ng/g	<0.00087	0.00087	0.0099				7162464
HexaCB-(128)+(166)	ng/g	<0.0019	0.0019	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0062	0.0020	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0025	0.0025	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0025	0.0025	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.0024	0.0024	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0023	0.0023	0.0099				7162464
HexaCB-(134)+(143)	ng/g	<0.0024	0.0024	0.020				7162464
HexaCB-(135)+(151)	ng/g	<0.0056	0.0056	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0042	0.0042	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0029	0.0029	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.0020	0.0020	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	<0.0020	0.0020	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0024	0.0024	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0055	0.0055	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	<0.0019	0.0019	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.0035	0.0021	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0056	0.0056	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0041	0.0041	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0042	0.0042	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.0074	0.0018	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0047	0.0047	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0020	0.0020	0.0099				7162464
HexaCB-(156)+(157)	ng/g	<0.0012	0.0012	0.020	0.0000300	0.0000000360		7162464
233'44'6-HexaCB-(158)	ng/g	<0.0015	0.0015	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.00094	0.00094	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.00091	0.00091	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.0014	0.0014	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.0012	0.0012	0.0099	0.0000300	0.0000000360		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.0012	0.0012	0.0099	0.0300	0.0000360		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.0016	0.0016	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	<0.0020	0.0020	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0022	0.0022	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.0018	0.0018	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0039	0.0039	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.0030	0.0030	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0021	0.0021	0.0099				7162464
22'33'55'6-HeptaCB-(178)	ng/g	<0.0041	0.0041	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.0029	0.0029	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	<0.0015	0.0015	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0020	0.0020	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0038	0.0038	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0021	0.0021	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.0028	0.0028	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.0019	0.0019	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	<0.0036	0.0036	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.0016	0.0016	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016	0.0016	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.0017	0.0017	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.0018	0.0018	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.0019	0.0019	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0022	0.0022	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0020	0.0020	0.0099				7162464
OctaCB-(198)+(199)	ng/g	<0.0022	0.0022	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.0013	0.0013	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013	0.0013	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0020	0.0020	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.0019	0.0019	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0033	0.0033	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.0034	0.0034	0.0099				7162464
DecaCB-(209)	ng/g	<0.0035	0.0035	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.000147		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	67						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	100						7162464
C13-22'33'44'5-HeptaCB-(170)	%	86						7162464
C13-22'33'455'66'-NonaCB-(208)	%	102						7162464
C13-22'33'55'66'-OctaCB-(202)	%	106						7162464
C13-22'33'55'6-HeptaCB-(178)	%	120						7162464
C13-22'344'55'-HeptaCB-(180)	%	89						7162464
C13-22'34'566'-HeptaCB-(188)	%	100						7162464
C13-22'44'66'-HexaCB-(155)	%	96						7162464
C13-22'466'-PentaCB-(104)	%	93						7162464
C13-22'66'-TetraCB-(54)	%	96						7162464
C13-22'6-TriCB-(19)	%	80						7162464
C13-22'-DiCB-(4)	%	83						7162464
C13-233'44'55'6-OctaCB-(205)	%	85						7162464
C13-233'44'55'-HeptaCB-(189)	%	77						7162464
C13-233'44'-PentaCB-(105)	%	70						7162464
C13-233'55'-PentaCB-(111)	%	85						7162464
C13-23'44'55'-HexaCB-(167)	%	71						7162464
C13-2344'5-PentaCB-(114)	%	69						7162464
C13-23'44'5-PentaCB-(118)	%	69						7162464
C13-2'344'5-PentaCB-(123)	%	70						7162464
C13-2-MonoCB-(1)	%	56						7162464
C13-33'44'55'-HexaCB-(169)	%	65						7162464
C13-33'44'5-PentaCB-(126)	%	66						7162464
C13-33'44'-TetraCB-(77)	%	65						7162464
C13-344'5-TetraCB-(81)	%	67						7162464
C13-344'-TriCB-(37)	%	64						7162464
C13-44'-DiCB-(15)	%	71						7162464
C13-4-MonoCB-(3)	%	56						7162464
C13-DecaCB-(209)	%	120						7162464
C13-HexaCB-(156)+(157)	%	69						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00107	0.00023	0.0099				7162464
3-MonoCB-(2)	ng/g	<0.0015 (1)	0.0015	0.0099				7162464
4-MonoCB-(3)	ng/g	<0.0014 (1)	0.0014	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.00015	0.00015	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.00029	0.00029	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.00022	0.00022	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.00021	0.00021	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.00017	0.00017	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.00022	0.00022	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.00015	0.00015	0.0099				7162464
3,3'-DiCB-(11)	ng/g	<0.0097 (1)	0.0097	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.00022	0.00022	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00022	0.00022	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.00035	0.00035	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.00076	0.00076	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.00054	0.00054	0.0099				7162464
TriCB-(18)+(30)	ng/g	0.00188	0.00043	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.00044	0.00044	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.00755	0.00049	0.020				7162464
TriCB-(21)+(33)	ng/g	0.00071	0.00050	0.020				7162464
234'-TriCB-(22)	ng/g	0.00112	0.00054	0.0099				7162464
235-TriCB-(23)	ng/g	<0.00051	0.00051	0.0099				7162464
236-TriCB-(24)	ng/g	<0.00035	0.00035	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.00047	0.00047	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.00052	0.00052	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.00036	0.00036	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.00596	0.00050	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.00035	0.00035	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.00057	0.00057	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.00054	0.00054	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.00048	0.00048	0.0099				7162464
344'-TriCB-(37)	ng/g	0.00099	0.00085	0.0099				7162464

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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00053	0.00053	0.0099				7162464
34'5-TriCB-(39)	ng/g	<0.00051	0.00051	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	0.00100	0.00069	0.030				7162464
22'34'-TetraCB-(42)	ng/g	0.00088	0.00073	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.00093	0.00093	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.00878	0.00063	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.00069	0.00069	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.00079	0.00079	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.00070	0.00070	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.00500	0.00059	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.00067	0.00067	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.0157	0.00069	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.00039	0.00039	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.00075	0.00075	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	0.00118	0.00079	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.00079	0.00079	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.00076	0.00076	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	0.00075	0.00053	0.030				7162464
2344'-TetraCB -(60)	ng/g	0.00361	0.00077	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0236	0.00073	0.040				7162464
234'5-TetraCB-(63)	ng/g	0.00081	0.00072	0.0099				7162464
234'6-TetraCB-(64)	ng/g	0.00332	0.00052	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.0142	0.00076	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.00069	0.00069	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.00070	0.00070	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.00072	0.00072	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.00048	0.00048	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	0.00095	0.00094	0.0099	0.000100	0.000000095		7162464
33'45-TetraCB-(78)	ng/g	<0.00076	0.00076	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.00068	0.00068	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.00069	0.00069	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.00092	0.00092	0.0099	0.000300	0.000000276		7162464
22'33'4-PentaCB-(82)	ng/g	<0.00088	0.00088	0.0099				7162464
PentaCB-(83)+(99)	ng/g	0.0494	0.00088	0.020				7162464

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	0.00125	0.00083	0.0099				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.00796	0.00060	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0116	0.00064	0.060				7162464
PentaCB-(88)+(91)	ng/g	0.00170	0.00076	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.00083	0.00083	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.0396	0.00066	0.030				7162464
22'355'-PentaCB-(92)	ng/g	0.00698	0.00078	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.00073	0.00073	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.00081	0.00081	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	0.00942	0.00073	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.00031	0.00031	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.00069	0.00069	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.00023	0.00023	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	0.0176	0.00052	0.0099	0.0000300	0.000000528		7162464
233'45-PentaCB-(106)	ng/g	<0.00042	0.00042	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	0.00293	0.00037	0.0099				7162464
PentaCB-(108)+(124)	ng/g	0.00092	0.00041	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.0214	0.00064	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.00059	0.00059	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.00049	0.00049	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	0.00106	0.00051	0.0099	0.0000300	0.0000000318		7162464
23'44'5-PentaCB-(118)	ng/g	0.0541	0.00051	0.0099	0.0000300	0.00000162		7162464
23'455'-PentaCB-(120)	ng/g	<0.00057	0.00057	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.00058	0.00058	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.00046	0.00046	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	0.00172	0.00056	0.0099	0.0000300	0.0000000516		7162464
33'44'5-PentaCB-(126)	ng/g	<0.00050	0.00050	0.0099	0.100	0.0000500		7162464
33'455'-PentaCB-(127)	ng/g	<0.00041	0.00041	0.0099				7162464
HexaCB-(128)+(166)	ng/g	0.00973	0.00084	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0767	0.00090	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	0.0026	0.0011	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.0010	0.0010	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	0.0041	0.0011	0.0099				7162464
22'33'55'-HexaCB-(133)	ng/g	0.0018	0.0010	0.0099				7162464

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.0010	0.0010	0.020				7162464
HexaCB-(135)+(151)	ng/g	0.0102	0.0024	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0018	0.0018	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	0.0029	0.0012	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.00091	0.00091	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	0.00511	0.00097	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0011	0.0011	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0025	0.0025	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0018	0.0018	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	0.0140	0.00089	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.0242	0.00090	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0024	0.0024	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0017	0.0017	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0018	0.0018	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.0938	0.00076	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0021	0.0021	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.0011	0.0011	0.0099				7162464
HexaCB-(156)+(157)	ng/g	0.00509	0.00066	0.020	0.0000300	0.000000153		7162464
233'44'6-HexaCB-(158)	ng/g	0.00345	0.00068	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.00050	0.00050	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.00073	0.00073	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.00072	0.00072	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.00050	0.00050	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	0.00154	0.00066	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.00080	0.00080	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	0.00269	0.00062	0.0099	0.0000300	0.0000000807		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.00067	0.00067	0.0099	0.0300	0.0000201		7162464
22'33'44'5-HeptaCB-(170)	ng/g	0.00522	0.00050	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	0.00228	0.00059	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	0.00159	0.00063	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	0.00284	0.00055	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0010	0.0010	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.00080	0.00080	0.0099				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	0.00313	0.00061	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	0.0041	0.0011	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	0.00219	0.00077	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	0.0163	0.00047	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.00059	0.00059	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0010	0.0010	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	0.00648	0.00066	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.00076	0.00076	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.00049	0.00049	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.00081	0.00081	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0219	0.00099	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.00080	0.00080	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.00044	0.00044	0.0099	0.0000300	0.0000000132		7162464
233'44'56-HeptaCB-(190)	ng/g	0.00097	0.00046	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.00047	0.00047	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.00050	0.00050	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	0.00191	0.00061	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.00065	0.00065	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0013	0.0013	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0011	0.0011	0.0099				7162464
OctaCB-(198)+(199)	ng/g	0.0030	0.0013	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.00085	0.00085	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.00098	0.00098	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	0.00237	0.00094	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	0.0015	0.0012	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.00099	0.00099	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.00066	0.00066	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00083	0.00083	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.00068	0.00068	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.00084	0.00084	0.0099				7162464
DecaCB-(209)	ng/g	<0.00066	0.00066	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.0000729		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	89						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	90						7162464
C13-22'33'455'66'-NonaCB-(208)	%	89						7162464
C13-22'33'55'66'-OctaCB-(202)	%	92						7162464
C13-22'33'55'6-HeptaCB-(178)	%	97						7162464
C13-22'344'55'-HeptaCB-(180)	%	88						7162464
C13-22'34'566'-HeptaCB-(188)	%	87						7162464
C13-22'44'66'-HexaCB-(155)	%	87						7162464
C13-22'466'-PentaCB-(104)	%	88						7162464
C13-22'66'-TetraCB-(54)	%	90						7162464
C13-22'6-TriCB-(19)	%	77						7162464
C13-22'-DiCB-(4)	%	78						7162464
C13-233'44'55'6-OctaCB-(205)	%	88						7162464
C13-233'44'55'-HeptaCB-(189)	%	85						7162464
C13-233'44'-PentaCB-(105)	%	80						7162464
C13-233'55'-PentaCB-(111)	%	87						7162464
C13-23'44'55'-HexaCB-(167)	%	82						7162464
C13-2344'5-PentaCB-(114)	%	79						7162464
C13-23'44'5-PentaCB-(118)	%	80						7162464
C13-2'344'5-PentaCB-(123)	%	80						7162464
C13-2-MonoCB-(1)	%	66						7162464
C13-33'44'55'-HexaCB-(169)	%	73						7162464
C13-33'44'5-PentaCB-(126)	%	77						7162464
C13-33'44'-TetraCB-(77)	%	75						7162464
C13-344'5-TetraCB-(81)	%	76						7162464
C13-344'-TriCB-(37)	%	73						7162464
C13-44'-DiCB-(15)	%	75						7162464
C13-4-MonoCB-(3)	%	61						7162464
C13-DecaCB-(209)	%	91						7162464
C13-HexaCB-(156)+(157)	%	84						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	0.00084	0.00021	0.0099				7162464
3-MonoCB-(2)	ng/g	<0.0011 (1)	0.0011	0.0099				7162464
4-MonoCB-(3)	ng/g	<0.0013 (1)	0.0013	0.0099				7162464
22'-DiCB-(4)	ng/g	<0.00033	0.00033	0.0099				7162464
2,3-DiCB-(5)	ng/g	<0.00025	0.00025	0.0099				7162464
2,3'-DiCB-(6)	ng/g	<0.00019	0.00019	0.0099				7162464
2,4-DiCB-(7)	ng/g	<0.00019	0.00019	0.0099				7162464
2,4'-DiCB-(8)	ng/g	<0.00015	0.00015	0.0099				7162464
2,5-DiCB-(9)	ng/g	<0.00020	0.00020	0.0099				7162464
2,6-DiCB-(10)	ng/g	<0.00033	0.00033	0.0099				7162464
3,3'-DiCB-(11)	ng/g	0.0101	0.00020	0.0099				7162464
DiCB-(12)+(13)	ng/g	<0.00019	0.00019	0.020				7162464
3,5-DiCB-(14)	ng/g	<0.00019	0.00019	0.0099				7162464
4,4'-DiCB-(15)	ng/g	<0.00030	0.00030	0.0099				7162464
22'3-TriCB-(16)	ng/g	<0.00051	0.00051	0.0099				7162464
22'4-TriCB-(17)	ng/g	<0.00036	0.00036	0.0099				7162464
TriCB-(18)+(30)	ng/g	<0.00028	0.00028	0.020				7162464
22'6-TriCB-(19)	ng/g	<0.00029	0.00029	0.0099				7162464
TriCB-(20) + (28)	ng/g	0.00332	0.00051	0.020				7162464
TriCB-(21)+(33)	ng/g	<0.00052	0.00052	0.020				7162464
234'-TriCB-(22)	ng/g	<0.00055	0.00055	0.0099				7162464
235-TriCB-(23)	ng/g	<0.00053	0.00053	0.0099				7162464
236-TriCB-(24)	ng/g	<0.00023	0.00023	0.0099				7162464
23'4-TriCB-(25)	ng/g	<0.00048	0.00048	0.0099				7162464
TriCB-(26)+(29)	ng/g	<0.00053	0.00053	0.020				7162464
23'6-TriCB-(27)	ng/g	<0.00024	0.00024	0.0099				7162464
24'5-TriCB-(31)	ng/g	0.00188	0.00051	0.0099				7162464
24'6-TriCB-(32)	ng/g	<0.00023	0.00023	0.0099				7162464
23'5'-TriCB-(34)	ng/g	<0.00059	0.00059	0.0099				7162464
33'4-TriCB-(35)	ng/g	<0.00056	0.00056	0.0099				7162464
33'5-TriCB-(36)	ng/g	<0.00050	0.00050	0.0099				7162464
344'-TriCB-(37)	ng/g	<0.00088	0.00088	0.0099				7162464

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QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00055	0.00055	0.0099				7162464
34'5-TriCB-(39)	ng/g	<0.00053	0.00053	0.0099				7162464
TetraCB-(40)+(41)+(71)	ng/g	<0.00079	0.00079	0.030				7162464
22'34'-TetraCB-(42)	ng/g	<0.00083	0.00083	0.0099				7162464
22'35-TetraCB-(43)	ng/g	<0.0011	0.0011	0.0099				7162464
TetraCB-(44)+(47)+(65)	ng/g	0.00236	0.00072	0.030				7162464
TetraCB-(45)+(51)	ng/g	<0.00078	0.00078	0.020				7162464
22'36'-TetraCB-(46)	ng/g	<0.00090	0.00090	0.0099				7162464
22'45-TetraCB-(48)	ng/g	<0.00080	0.00080	0.0099				7162464
TetraCB-(49)+TetraCB-(69)	ng/g	0.00110	0.00067	0.020				7162464
TetraCB-(50)+(53)	ng/g	<0.00076	0.00076	0.020				7162464
22'55'-TetraCB-(52)	ng/g	0.00335	0.00079	0.0099				7162464
22'66'-TetraCB-(54)	ng/g	<0.00026	0.00026	0.0099				7162464
233'4-TetraCB-(55)	ng/g	<0.00095	0.00095	0.0099				7162464
233'4'-Tetra CB(56)	ng/g	<0.0010	0.0010	0.0099				7162464
233'5-TetraCB-(57)	ng/g	<0.0010	0.0010	0.0099				7162464
233'5'-TetraCB-(58)	ng/g	<0.00097	0.00097	0.0099				7162464
TetraCB-(59)+(62)+(75)	ng/g	<0.00060	0.00060	0.030				7162464
2344'-TetraCB -(60)	ng/g	<0.00097	0.00097	0.0099				7162464
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.00801	0.00092	0.040				7162464
234'5-TetraCB-(63)	ng/g	<0.00091	0.00091	0.0099				7162464
234'6-TetraCB-(64)	ng/g	0.00073	0.00060	0.0099				7162464
23'44'-TetraCB-(66)	ng/g	0.00539	0.00096	0.0099				7162464
23'45-TetraCB-(67)	ng/g	<0.00087	0.00087	0.0099				7162464
23'45'-TetraCB-(68)	ng/g	<0.00089	0.00089	0.0099				7162464
23'55'-TetraCB-(72)	ng/g	<0.00091	0.00091	0.0099				7162464
23'5'6-TetraCB-(73)	ng/g	<0.00055	0.00055	0.0099				7162464
33'44'-TetraCB-(77)	ng/g	<0.0012	0.0012	0.0099	0.000100	0.000000120		7162464
33'45-TetraCB-(78)	ng/g	<0.00096	0.00096	0.0099				7162464
33'45'-TetraCB(79)	ng/g	<0.00086	0.00086	0.0099				7162464
33'55'-TetraCB-(80)	ng/g	<0.00088	0.00088	0.0099				7162464
344'5-TetraCB-(81)	ng/g	<0.0012	0.0012	0.0099	0.000300	0.000000360		7162464
22'33'4-PentaCB-(82)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(83)+(99)	ng/g	0.0085	0.0012	0.020				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(85)+(116)+(117)	ng/g	0.00168	0.00084	0.030				7162464
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.00248	0.00090	0.060				7162464
PentaCB-(88)+(91)	ng/g	<0.0011	0.0011	0.020				7162464
22'346'-PentaCB-(89)	ng/g	<0.0012	0.0012	0.0099				7162464
PentaCB-(90)+(101)+(113)	ng/g	0.00671	0.00092	0.030				7162464
22'355'-PentaCB-(92)	ng/g	<0.0011	0.0011	0.0099				7162464
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0010	0.0010	0.040				7162464
22'356'-PentaCB-(94)	ng/g	<0.0011	0.0011	0.0099				7162464
22'35'6-PentaCB-(95)	ng/g	0.0021	0.0010	0.0099				7162464
22'366'-PentaCB-(96)	ng/g	<0.00031	0.00031	0.0099				7162464
22'45'6-PentaCB-(103)	ng/g	<0.00097	0.00097	0.0099				7162464
22'466'-PentaCB-(104)	ng/g	<0.00023	0.00023	0.0099				7162464
233'44'-PentaCB-(105)	ng/g	0.00329	0.00064	0.0099	0.0000300	0.000000099		7162464
233'45-PentaCB-(106)	ng/g	<0.00051	0.00051	0.0099				7162464
233'4'5-PentaCB-(107)	ng/g	<0.00045	0.00045	0.0099				7162464
PentaCB-(108)+(124)	ng/g	<0.00051	0.00051	0.020				7162464
PentaCB-(110)+(115)	ng/g	0.00411	0.00088	0.020				7162464
233'55'-PentaCB-(111)	ng/g	<0.00082	0.00082	0.0099				7162464
233'56-PentaCB-(112)	ng/g	<0.00068	0.00068	0.0099				7162464
2344'5-PentaCB-(114)	ng/g	<0.00063	0.00063	0.0099	0.0000300	0.0000000189		7162464
23'44'5-PentaCB-(118)	ng/g	0.0107	0.00063	0.0099	0.0000300	0.000000321		7162464
23'455'-PentaCB-(120)	ng/g	<0.00079	0.00079	0.0099				7162464
23'45'6-PentaCB-(121)	ng/g	<0.00080	0.00080	0.0099				7162464
233'4'5'-PentaCB-(122)	ng/g	<0.00057	0.00057	0.0099				7162464
23'44'5'-PentaCB-(123)	ng/g	<0.00069	0.00069	0.0099	0.0000300	0.0000000207		7162464
33'44'5-PentaCB-(126)	ng/g	<0.00061	0.00061	0.0099	0.100	0.0000610		7162464
33'455'-PentaCB-(127)	ng/g	<0.00051	0.00051	0.0099				7162464
HexaCB-(128)+(166)	ng/g	0.00185	0.00078	0.020				7162464
HexaCB-(129)+(138)+(163)	ng/g	0.0125	0.00084	0.030				7162464
22'33'45'-HexaCB-(130)	ng/g	<0.0010	0.0010	0.0099				7162464
22'33'46-HexaCB-(131)	ng/g	<0.00096	0.00096	0.0099				7162464
22'33'46'-HexaCB-(132)	ng/g	<0.00099	0.00099	0.0099				7162464
22'33'55'-HexaCB-(133)	ng/g	<0.00095	0.00095	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(134)+(143)	ng/g	<0.00096	0.00096	0.020				7162464
HexaCB-(135)+(151)	ng/g	0.0020	0.0020	0.020				7162464
22'33'66'-HexaCB-(136)	ng/g	<0.0015	0.0015	0.0099				7162464
22'344'5-HexaCB-(137)	ng/g	<0.0011	0.0011	0.0099				7162464
HexaCB-(139)+(140)	ng/g	<0.00085	0.00085	0.020				7162464
22'3455'-HexaCB-(141)	ng/g	0.00101	0.00090	0.0099				7162464
22'3456-HexaCB-(142)	ng/g	<0.0010	0.0010	0.0099				7162464
22'345'6-HexaCB-(144)	ng/g	<0.0020	0.0020	0.0099				7162464
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.0099				7162464
22'34'55'-HexaCB-(146)	ng/g	0.00203	0.00083	0.0099				7162464
HexaCB-(147)+(149)	ng/g	0.00500	0.00084	0.020				7162464
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.0099				7162464
22'34'66'-HexaCB-(150)	ng/g	<0.0014	0.0014	0.0099				7162464
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.0099				7162464
HexaCB-(153)+(168)	ng/g	0.0153	0.00071	0.0099				7162464
22'44'56'-HexaCB-(154)	ng/g	<0.0017	0.0017	0.0099				7162464
22'44'66'-HexaCB-(155)	ng/g	<0.00088	0.00088	0.0099				7162464
HexaCB-(156)+(157)	ng/g	0.00125	0.00074	0.020	0.0000300	0.0000000375		7162464
233'44'6-HexaCB-(158)	ng/g	<0.00063	0.00063	0.0099				7162464
233'455'-HexaCB-(159)	ng/g	<0.00056	0.00056	0.0099				7162464
233'456-HexaCB-(160)	ng/g	<0.00068	0.00068	0.0099				7162464
233'45'6-HexaCB-(161)	ng/g	<0.00067	0.00067	0.0099				7162464
233'4'55'-HexaCB-(162)	ng/g	<0.00056	0.00056	0.0099				7162464
233'4'5'6-HexaCB-(164)	ng/g	<0.00061	0.00061	0.0099				7162464
233'55'6-HexaCB-(165)	ng/g	<0.00075	0.00075	0.0099				7162464
23'44'55'-HexaCB-(167)	ng/g	<0.00070	0.00070	0.0099	0.0000300	0.0000000210		7162464
33'44'55'-HexaCB-(169)	ng/g	<0.00076	0.00076	0.0099	0.0300	0.0000228		7162464
22'33'44'5-HeptaCB-(170)	ng/g	<0.00088	0.00088	0.0099				7162464
HeptaCB-(171)+(173)	ng/g	<0.0010	0.0010	0.020				7162464
22'33'455'-HeptaCB-(172)	ng/g	<0.0011	0.0011	0.0099				7162464
22'33'456'-HeptaCB-(174)	ng/g	<0.00097	0.00097	0.0099				7162464
22'33'45'6-HeptaCB-(175)	ng/g	<0.0012	0.0012	0.0099				7162464
22'33'466'-HeptaCB-(176)	ng/g	<0.00097	0.00097	0.0099				7162464
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0011	0.0011	0.0099				7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'6-HeptaCB-(178)	ng/g	<0.0013	0.0013	0.0099				7162464
22'33'566'-HeptaCB-(179)	ng/g	<0.00093	0.00093	0.0099				7162464
HeptaCB-(180)+(193)	ng/g	0.00243	0.00082	0.020				7162464
22'344'56-HeptaCB-(181)	ng/g	<0.0010	0.0010	0.0099				7162464
22'344'56'-HeptaCB-(182)	ng/g	<0.0012	0.0012	0.0099				7162464
22'344'5'6-HeptaCB-(183)	ng/g	<0.0011	0.0011	0.0099				7162464
22'344'66'-HeptaCB-(184)	ng/g	<0.00091	0.00091	0.0099				7162464
22'3455'6-HeptaCB-(185)	ng/g	<0.00085	0.00085	0.0099				7162464
22'34566'-HeptaCB-(186)	ng/g	<0.00097	0.00097	0.0099				7162464
22'34'55'6-HeptaCB-(187)	ng/g	0.0035	0.0012	0.0099				7162464
22'34'566'-HeptaCB-(188)	ng/g	<0.00097	0.00097	0.0099				7162464
233'44'55'-HeptaCB-(189)	ng/g	<0.00076	0.00076	0.0099	0.0000300	0.0000000228		7162464
233'44'56-HeptaCB-(190)	ng/g	<0.00081	0.00081	0.0099				7162464
233'44'5'6-HeptaCB-(191)	ng/g	<0.00082	0.00082	0.0099				7162464
233'455'6-HeptaCB-(192)	ng/g	<0.00087	0.00087	0.0099				7162464
22'33'44'55'-OctaCB-(194)	ng/g	<0.00074	0.00074	0.0099				7162464
22'33'44'56-OctaCB-(195)	ng/g	<0.00078	0.00078	0.0099				7162464
22'33'44'56'-OctaCB-(196)	ng/g	<0.0013	0.0013	0.0099				7162464
22'33'44'66'OctaCB-(197)	ng/g	<0.0011	0.0011	0.0099				7162464
OctaCB-(198)+(199)	ng/g	<0.0013	0.0013	0.020				7162464
22'33'4566'-OctaCB-(200)	ng/g	<0.00084	0.00084	0.0099				7162464
22'33'45'66'-OctaCB-(201)	ng/g	<0.00097	0.00097	0.0099				7162464
22'33'55'66'-OctaCB-(202)	ng/g	<0.00093	0.00093	0.0099				7162464
22'344'55'6-OctaCB-(203)	ng/g	<0.0012	0.0012	0.0099				7162464
22'344'566'-OctaCB-(204)	ng/g	<0.00097	0.00097	0.0099				7162464
233'44'55'6-OctaCB-(205)	ng/g	<0.00079	0.00079	0.0099				7162464
22'33'44'55'6-NonaCB-(206)	ng/g	<0.00085	0.00085	0.0099				7162464
22'33'44'566'-NonaCB-(207)	ng/g	<0.00070	0.00070	0.0099				7162464
22'33'455'66'-NonaCB-(208)	ng/g	<0.00087	0.00087	0.0099				7162464
DecaCB-(209)	ng/g	<0.00038	0.00038	0.0099				7162464
TOTAL TOXIC EQUIVALENCY	ng/g					0.0000848		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	77						7162464
C13-22'33'44'55'6-NonaCB-(206)	%	80						7162464

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	90						7162464
C13-22'33'455'66'-NonaCB-(208)	%	88						7162464
C13-22'33'55'66'-OctaCB-(202)	%	93						7162464
C13-22'33'55'6-HeptaCB-(178)	%	88						7162464
C13-22'344'55'-HeptaCB-(180)	%	90						7162464
C13-22'34'566'-HeptaCB-(188)	%	80						7162464
C13-22'44'66'-HexaCB-(155)	%	80						7162464
C13-22'466'-PentaCB-(104)	%	84						7162464
C13-22'66'-TetraCB-(54)	%	81						7162464
C13-22'6-TriCB-(19)	%	71						7162464
C13-22'-DiCB-(4)	%	70						7162464
C13-233'44'55'6-OctaCB-(205)	%	81						7162464
C13-233'44'55'-HeptaCB-(189)	%	84						7162464
C13-233'44'-PentaCB-(105)	%	72						7162464
C13-233'55'-PentaCB-(111)	%	83						7162464
C13-23'44'55'-HexaCB-(167)	%	71						7162464
C13-2344'5-PentaCB-(114)	%	71						7162464
C13-23'44'5-PentaCB-(118)	%	74						7162464
C13-2'344'5-PentaCB-(123)	%	72						7162464
C13-2-MonoCB-(1)	%	60						7162464
C13-33'44'55'-HexaCB-(169)	%	63						7162464
C13-33'44'5-PentaCB-(126)	%	69						7162464
C13-33'44'-TetraCB-(77)	%	68						7162464
C13-344'5-TetraCB-(81)	%	66						7162464
C13-344'-TriCB-(37)	%	66						7162464
C13-44'-DiCB-(15)	%	69						7162464
C13-4-MonoCB-(3)	%	57						7162464
C13-DecaCB-(209)	%	87						7162464
C13-HexaCB-(156)+(157)	%	72						7162464

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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00033	0.00033	0.0098				7173905
3-MonoCB-(2)	ng/g	0.00119	0.00032	0.0098				7173905
4-MonoCB-(3)	ng/g	<0.00033	0.00033	0.0098				7173905
22'-DiCB-(4)	ng/g	<0.00080	0.00080	0.0098				7173905
2,3-DiCB-(5)	ng/g	<0.00066	0.00066	0.0098				7173905
2,3'-DiCB-(6)	ng/g	<0.0011 (1)	0.0011	0.0098				7173905
2,4-DiCB-(7)	ng/g	<0.00049	0.00049	0.0098				7173905
2,4'-DiCB-(8)	ng/g	0.00267	0.00040	0.0098				7173905
2,5-DiCB-(9)	ng/g	<0.00052	0.00052	0.0098				7173905
2,6-DiCB-(10)	ng/g	<0.00080	0.00080	0.0098				7173905
3,3'-DiCB-(11)	ng/g	<0.0038 (1)	0.0038	0.0098				7173905
DiCB-(12)+(13)	ng/g	<0.00050	0.00050	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.00051	0.00051	0.0098				7173905
4,4'-DiCB-(15)	ng/g	<0.0011 (1)	0.0011	0.0098				7173905
22'3-TriCB-(16)	ng/g	0.0089	0.0018	0.0098				7173905
22'4-TriCB-(17)	ng/g	0.0073	0.0013	0.0098				7173905
TriCB-(18)+(30)	ng/g	0.0372	0.0010	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0098				7173905
TriCB-(20) + (28)	ng/g	0.0984	0.00075	0.020				7173905
TriCB-(21)+(33)	ng/g	0.00789	0.00077	0.020				7173905
234'-TriCB-(22)	ng/g	0.0139	0.00082	0.0098				7173905
235-TriCB-(23)	ng/g	<0.00078	0.00078	0.0098				7173905
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.0098				7173905
23'4-TriCB-(25)	ng/g	0.00264	0.00071	0.0098				7173905
TriCB-(26)+(29)	ng/g	0.0103	0.00079	0.020				7173905
23'6-TriCB-(27)	ng/g	0.00271	0.00087	0.0098				7173905
24'5-TriCB-(31)	ng/g	0.0838	0.00076	0.0098				7173905
24'6-TriCB-(32)	ng/g	0.00263	0.00083	0.0098				7173905
23'5'-TriCB-(34)	ng/g	<0.00088	0.00088	0.0098				7173905
33'4-TriCB-(35)	ng/g	<0.00083	0.00083	0.0098				7173905
33'5-TriCB-(36)	ng/g	<0.00074	0.00074	0.0098				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0033	0.0013	0.0098				7173905
345-TriCB-(38)	ng/g	<0.00082	0.00082	0.0098				7173905
34'5-TriCB-(39)	ng/g	0.00103	0.00078	0.0098				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0325	0.0013	0.030				7173905
22'34'-TetraCB-(42)	ng/g	0.0300	0.0014	0.0098				7173905
22'35-TetraCB-(43)	ng/g	0.0069	0.0018	0.0098				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.272	0.0012	0.030				7173905
TetraCB-(45)+(51)	ng/g	0.0034	0.0013	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0098				7173905
22'45-TetraCB-(48)	ng/g	0.0103	0.0013	0.0098				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.173	0.0011	0.020				7173905
TetraCB-(50)+(53)	ng/g	0.0033	0.0013	0.020				7173905
22'55'-TetraCB-(52)	ng/g	0.595	0.0013	0.0098				7173905
22'66'-TetraCB-(54)	ng/g	<0.00036	0.00036	0.0098				7173905
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0098				7173905
233'4'-Tetra CB(56)	ng/g	0.0228	0.0018	0.0098				7173905
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0098				7173905
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0098				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0178	0.0010	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0432	0.0017	0.0098				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.351	0.0016	0.039				7173905
234'5-TetraCB-(63)	ng/g	0.0197	0.0016	0.0098				7173905
234'6-TetraCB-(64)	ng/g	0.0776	0.0010	0.0098				7173905
23'44'-TetraCB-(66)	ng/g	0.180	0.0017	0.0098				7173905
23'45-TetraCB-(67)	ng/g	0.0017	0.0016	0.0098				7173905
23'45'-TetraCB-(68)	ng/g	0.0146	0.0016	0.0098				7173905
23'55'-TetraCB-(72)	ng/g	0.0090	0.0016	0.0098				7173905
23'5'6-TetraCB-(73)	ng/g	<0.00093	0.00093	0.0098				7173905
33'44'-TetraCB-(77)	ng/g	0.0103	0.0021	0.0098	0.000100	0.00000103		7173905
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0098				7173905
33'45'-TetraCB(79)	ng/g	0.0038	0.0016	0.0098				7173905
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0098				7173905
344'5-TetraCB-(81)	ng/g	<0.0021	0.0021	0.0098	0.000300	0.000000630		7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0215	0.0014	0.0098				7173905
PentaCB-(83)+(99)	ng/g	1.19	0.0014	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0484	0.0014	0.0098				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.196	0.00099	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.307	0.0011	0.059				7173905
PentaCB-(88)+(91)	ng/g	0.0674	0.0012	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0014	0.0014	0.0098				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.08	0.0011	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.235	0.0013	0.0098				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0111	0.0012	0.039				7173905
22'356'-PentaCB-(94)	ng/g	<0.0013	0.0013	0.0098				7173905
22'35'6-PentaCB-(95)	ng/g	0.400	0.0012	0.0098				7173905
22'366'-PentaCB-(96)	ng/g	<0.00035	0.00035	0.0098				7173905
22'45'6-PentaCB-(103)	ng/g	0.0065	0.0011	0.0098				7173905
22'466'-PentaCB-(104)	ng/g	<0.00026	0.00026	0.0098				7173905
233'44'-PentaCB-(105)	ng/g	0.347	0.00098	0.0098	0.0000300	0.0000104		7173905
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.0098				7173905
233'4'5-PentaCB-(107)	ng/g	0.100	0.00068	0.0098				7173905
PentaCB-(108)+(124)	ng/g	0.0242	0.00077	0.020				7173905
PentaCB-(110)+(115)	ng/g	0.620	0.0010	0.020				7173905
233'55'-PentaCB-(111)	ng/g	0.00295	0.00097	0.0098				7173905
233'56-PentaCB-(112)	ng/g	<0.00080	0.00080	0.0098				7173905
2344'5-PentaCB-(114)	ng/g	0.0214	0.00095	0.0098	0.0000300	0.000000642		7173905
23'44'5-PentaCB-(118)	ng/g	1.17	0.00096	0.0098	0.0000300	0.0000351		7173905
23'455'-PentaCB-(120)	ng/g	0.00156	0.00094	0.0098				7173905
23'45'6-PentaCB-(121)	ng/g	0.00124	0.00094	0.0098				7173905
233'4'5'-PentaCB-(122)	ng/g	0.00481	0.00086	0.0098				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0133	0.0010	0.0098	0.0000300	0.000000399		7173905
33'44'5-PentaCB-(126)	ng/g	0.00196	0.00093	0.0098	0.100	0.000196		7173905
33'455'-PentaCB-(127)	ng/g	<0.00077	0.00077	0.0098				7173905
HexaCB-(128)+(166)	ng/g	0.209	0.0019	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	2.13	0.0021	0.030				7173905
22'33'45'-HexaCB-(130)	ng/g	0.0778	0.0025	0.0098				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0024	0.0024	0.0098				7173905
22'33'46'-HexaCB-(132)	ng/g	0.144	0.0024	0.0098				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0508	0.0023	0.0098				7173905
HexaCB-(134)+(143)	ng/g	0.0283	0.0024	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.374	0.0059	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0291	0.0044	0.0098				7173905
22'344'5-HexaCB-(137)	ng/g	0.0740	0.0027	0.0098				7173905
HexaCB-(139)+(140)	ng/g	0.0202	0.0021	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.122	0.0022	0.0098				7173905
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0098				7173905
22'345'6-HexaCB-(144)	ng/g	0.0233	0.0061	0.0098				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0045	0.0045	0.0098				7173905
22'34'55'-HexaCB-(146)	ng/g	0.447	0.0021	0.0098				7173905
HexaCB-(147)+(149)	ng/g	0.705	0.0021	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0059	0.0059	0.0098				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0043	0.0043	0.0098				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0043	0.0043	0.0098				7173905
HexaCB-(153)+(168)	ng/g	2.74	0.0018	0.0098				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0341	0.0052	0.0098				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0106	0.0026	0.0098				7173905
HexaCB-(156)+(157)	ng/g	0.111	0.0013	0.020	0.0000300	0.00000333		7173905
233'44'6-HexaCB-(158)	ng/g	0.0809	0.0016	0.0098				7173905
233'455'-HexaCB-(159)	ng/g	0.0046	0.0010	0.0098				7173905
233'456-HexaCB-(160)	ng/g	<0.0017	0.0017	0.0098				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0098				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0083	0.0010	0.0098				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0466	0.0015	0.0098				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0018	0.0018	0.0098				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0549	0.0013	0.0098	0.0000300	0.00000165		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0044	0.0014	0.0098	0.0300	0.000132		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.137	0.0015	0.0098				7173905
HeptaCB-(171)+(173)	ng/g	0.0409	0.0017	0.020				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0392	0.0018	0.0098				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0840	0.0016	0.0098				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.00698	0.00085	0.0098				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.00837	0.00066	0.0098				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.104	0.0017	0.0098				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.106	0.00090	0.0098				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0534	0.00064	0.0098				7173905
HeptaCB-(180)+(193)	ng/g	0.451	0.0014	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0017	0.0017	0.0098				7173905
22'344'56'-HeptaCB-(182)	ng/g	0.00309	0.00084	0.0098				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.177	0.0019	0.0098				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.00673	0.00062	0.0098				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0014	0.0014	0.0098				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.00066	0.00066	0.0098				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.606	0.00082	0.0098				7173905
22'34'566'-HeptaCB-(188)	ng/g	0.00256	0.00066	0.0098				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0079	0.0012	0.0098	0.0000300	0.000000237		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0259	0.0013	0.0098				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0058	0.0013	0.0098				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0014	0.0014	0.0098				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0479	0.0015	0.0098				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0150	0.0016	0.0098				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0309	0.0025	0.0098				7173905
22'33'44'66'OctaCB-(197)	ng/g	0.0048	0.0020	0.0098				7173905
OctaCB-(198)+(199)	ng/g	0.0939	0.0024	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	0.0038	0.0016	0.0098				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0088	0.0018	0.0098				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0398	0.0017	0.0098				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0482	0.0022	0.0098				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0098				7173905
233'44'55'6-OctaCB-(205)	ng/g	0.0039	0.0016	0.0098				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0239	0.0024	0.0098				7173905
22'33'44'566'-NonaCB-(207)	ng/g	0.0049	0.0020	0.0098				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0099	0.0024	0.0098				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	0.0129	0.00093	0.0098				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000381		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	71						7173905
C13-22'33'44'5-HeptaCB-(170)	%	79						7173905
C13-22'33'455'66'-NonaCB-(208)	%	74						7173905
C13-22'33'55'66'-OctaCB-(202)	%	80						7173905
C13-22'33'55'6-HeptaCB-(178)	%	70						7173905
C13-22'344'55'-HeptaCB-(180)	%	80						7173905
C13-22'34'566'-HeptaCB-(188)	%	63						7173905
C13-22'44'66'-HexaCB-(155)	%	62						7173905
C13-22'466'-PentaCB-(104)	%	66						7173905
C13-22'66'-TetraCB-(54)	%	59						7173905
C13-22'6-TriCB-(19)	%	52						7173905
C13-22'-DiCB-(4)	%	50						7173905
C13-233'44'55'6-OctaCB-(205)	%	67						7173905
C13-233'44'55'-HeptaCB-(189)	%	70						7173905
C13-233'44'-PentaCB-(105)	%	56						7173905
C13-233'55'-PentaCB-(111)	%	67						7173905
C13-23'44'55'-HexaCB-(167)	%	57						7173905
C13-2344'5-PentaCB-(114)	%	56						7173905
C13-23'44'5-PentaCB-(118)	%	57						7173905
C13-2'344'5-PentaCB-(123)	%	56						7173905
C13-2-MonoCB-(1)	%	40						7173905
C13-33'44'55'-HexaCB-(169)	%	48						7173905
C13-33'44'5-PentaCB-(126)	%	51						7173905
C13-33'44'-TetraCB-(77)	%	50						7173905
C13-344'5-TetraCB-(81)	%	50						7173905
C13-344'-TriCB-(37)	%	50						7173905
C13-44'-DiCB-(15)	%	54						7173905
C13-4-MonoCB-(3)	%	41						7173905
C13-DecaCB-(209)	%	74						7173905

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA167						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	57						7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00021	0.00021	0.0095				7173905
3-MonoCB-(2)	ng/g	0.00118	0.00020	0.0095				7173905
4-MonoCB-(3)	ng/g	<0.00021	0.00021	0.0095				7173905
22'-DiCB-(4)	ng/g	<0.00049	0.00049	0.0095				7173905
2,3-DiCB-(5)	ng/g	<0.00053	0.00053	0.0095				7173905
2,3'-DiCB-(6)	ng/g	0.00124	0.00040	0.0095				7173905
2,4-DiCB-(7)	ng/g	<0.00040	0.00040	0.0095				7173905
2,4'-DiCB-(8)	ng/g	0.00352	0.00032	0.0095				7173905
2,5-DiCB-(9)	ng/g	<0.00042	0.00042	0.0095				7173905
2,6-DiCB-(10)	ng/g	<0.00049	0.00049	0.0095				7173905
3,3'-DiCB-(11)	ng/g	0.00558	0.00042	0.0095				7173905
DiCB-(12)+(13)	ng/g	<0.00040	0.00040	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.00041	0.00041	0.0095				7173905
4,4'-DiCB-(15)	ng/g	0.00321	0.00064	0.0095				7173905
22'3-TriCB-(16)	ng/g	0.0054	0.0017	0.0095				7173905
22'4-TriCB-(17)	ng/g	0.0046	0.0012	0.0095				7173905
TriCB-(18)+(30)	ng/g	0.0212	0.00095	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.00097	0.00097	0.0095				7173905
TriCB-(20) + (28)	ng/g	0.0943	0.00042	0.019				7173905
TriCB-(21)+(33)	ng/g	0.00956	0.00043	0.019				7173905
234'-TriCB-(22)	ng/g	0.0144	0.00046	0.0095				7173905
235-TriCB-(23)	ng/g	<0.00044	0.00044	0.0095				7173905
236-TriCB-(24)	ng/g	<0.00077	0.00077	0.0095				7173905
23'4-TriCB-(25)	ng/g	0.00273	0.00040	0.0095				7173905
TriCB-(26)+(29)	ng/g	0.00792	0.00044	0.019				7173905
23'6-TriCB-(27)	ng/g	0.00196	0.00081	0.0095				7173905
24'5-TriCB-(31)	ng/g	0.0694	0.00042	0.0095				7173905
24'6-TriCB-(32)	ng/g	0.00252	0.00078	0.0095				7173905
23'5'-TriCB-(34)	ng/g	<0.00049	0.00049	0.0095				7173905
33'4-TriCB-(35)	ng/g	<0.00046	0.00046	0.0095				7173905
33'5-TriCB-(36)	ng/g	<0.00041	0.00041	0.0095				7173905
344'-TriCB-(37)	ng/g	0.00482	0.00073	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.00045	0.00045	0.0095				7173905
34'5-TriCB-(39)	ng/g	0.00060	0.00044	0.0095				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0195	0.0013	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0186	0.0013	0.0095				7173905
22'35-TetraCB-(43)	ng/g	0.0044	0.0017	0.0095				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.120	0.0012	0.029				7173905
TetraCB-(45)+(51)	ng/g	0.0035	0.0013	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.0095				7173905
22'45-TetraCB-(48)	ng/g	0.0075	0.0013	0.0095				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0801	0.0011	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0052	0.0012	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.257	0.0013	0.0095				7173905
22'66'-TetraCB-(54)	ng/g	<0.00054	0.00054	0.0095				7173905
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0095				7173905
233'4'-Tetra CB(56)	ng/g	0.0199	0.0015	0.0095				7173905
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0095				7173905
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0095				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.00903	0.00098	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0307	0.0015	0.0095				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.237	0.0014	0.038				7173905
234'5-TetraCB-(63)	ng/g	0.0097	0.0014	0.0095				7173905
234'6-TetraCB-(64)	ng/g	0.0429	0.00097	0.0095				7173905
23'44'-TetraCB-(66)	ng/g	0.126	0.0014	0.0095				7173905
23'45-TetraCB-(67)	ng/g	<0.0014 (1)	0.0014	0.0095				7173905
23'45'-TetraCB-(68)	ng/g	0.0063	0.0013	0.0095				7173905
23'55'-TetraCB-(72)	ng/g	0.0041	0.0014	0.0095				7173905
23'5'6-TetraCB-(73)	ng/g	<0.00090	0.00090	0.0095				7173905
33'44'-TetraCB-(77)	ng/g	0.0075	0.0018	0.0095	0.000100	0.000000750		7173905
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0095				7173905
33'45'-TetraCB(79)	ng/g	0.0018	0.0013	0.0095				7173905
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0095				7173905
344'5-TetraCB-(81)	ng/g	<0.0017	0.0017	0.0095	0.000300	0.000000510		7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0120	0.0022	0.0095				7173905
PentaCB-(83)+(99)	ng/g	0.419	0.0022	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0284	0.0021	0.0095				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.0683	0.0015	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.143	0.0016	0.057				7173905
PentaCB-(88)+(91)	ng/g	0.0282	0.0019	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0021	0.0021	0.0095				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.439	0.0017	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.0775	0.0019	0.0095				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0057	0.0018	0.038				7173905
22'356'-PentaCB-(94)	ng/g	<0.0020	0.0020	0.0095				7173905
22'35'6-PentaCB-(95)	ng/g	0.179	0.0018	0.0095				7173905
22'366'-PentaCB-(96)	ng/g	<0.00027	0.00027	0.0095				7173905
22'45'6-PentaCB-(103)	ng/g	0.0032	0.0017	0.0095				7173905
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0095				7173905
233'44'-PentaCB-(105)	ng/g	0.132	0.00063	0.0095	0.0000300	0.00000396		7173905
233'45-PentaCB-(106)	ng/g	<0.00050	0.00050	0.0095				7173905
233'4'5-PentaCB-(107)	ng/g	0.0298	0.00044	0.0095				7173905
PentaCB-(108)+(124)	ng/g	0.0104	0.00049	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.283	0.0016	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0015	0.0015	0.0095				7173905
233'56-PentaCB-(112)	ng/g	<0.0012	0.0012	0.0095				7173905
2344'5-PentaCB-(114)	ng/g	0.00766	0.00061	0.0095	0.0000300	0.000000230		7173905
23'44'5-PentaCB-(118)	ng/g	0.416	0.00062	0.0095	0.0000300	0.0000125		7173905
23'455'-PentaCB-(120)	ng/g	0.0019	0.0014	0.0095				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0014	0.0014	0.0095				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0013 (1)	0.0013	0.0095				7173905
23'44'5'-PentaCB-(123)	ng/g	0.00829	0.00067	0.0095	0.0000300	0.000000249		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0010 (1)	0.0010	0.0095	0.100	0.000100		7173905
33'455'-PentaCB-(127)	ng/g	<0.00050	0.00050	0.0095				7173905
HexaCB-(128)+(166)	ng/g	0.0658	0.0015	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	0.649	0.0016	0.029				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0256	0.0020	0.0095				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0019	0.0019	0.0095				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0576	0.0019	0.0095				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0133	0.0018	0.0095				7173905
HexaCB-(134)+(143)	ng/g	0.0110	0.0019	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.126	0.0020	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0153	0.0015	0.0095				7173905
22'344'5-HexaCB-(137)	ng/g	0.0175	0.0021	0.0095				7173905
HexaCB-(139)+(140)	ng/g	0.0060	0.0016	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0339	0.0018	0.0095				7173905
22'3456-HexaCB-(142)	ng/g	<0.0019	0.0019	0.0095				7173905
22'345'6-HexaCB-(144)	ng/g	0.0091	0.0021	0.0095				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0015	0.0015	0.0095				7173905
22'34'55'-HexaCB-(146)	ng/g	0.120	0.0016	0.0095				7173905
HexaCB-(147)+(149)	ng/g	0.287	0.0016	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0020	0.0020	0.0095				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0015	0.0015	0.0095				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0015	0.0015	0.0095				7173905
HexaCB-(153)+(168)	ng/g	0.735	0.0014	0.0095				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0089	0.0018	0.0095				7173905
22'44'66'-HexaCB-(155)	ng/g	0.00249	0.00090	0.0095				7173905
HexaCB-(156)+(157)	ng/g	0.0339	0.00094	0.019	0.0000300	0.00000102		7173905
233'44'6-HexaCB-(158)	ng/g	0.0288	0.0012	0.0095				7173905
233'455'-HexaCB-(159)	ng/g	<0.0016 (1)	0.0016	0.0095				7173905
233'456-HexaCB-(160)	ng/g	<0.0013	0.0013	0.0095				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0013	0.0013	0.0095				7173905
233'4'55'-HexaCB-(162)	ng/g	0.00244	0.00071	0.0095				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0183	0.0012	0.0095				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0015	0.0015	0.0095				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0169	0.00089	0.0095	0.0000300	0.000000507		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0016 (1)	0.0016	0.0095	0.0300	0.0000480		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0313	0.0012	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0122	0.0014	0.019				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0089	0.0015	0.0095				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0274	0.0013	0.0095				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0024	0.0017	0.0095				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0034	0.0014	0.0095				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0316	0.0015	0.0095				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0274	0.0019	0.0095				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0218	0.0013	0.0095				7173905
HeptaCB-(180)+(193)	ng/g	0.0934	0.0011	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0014	0.0014	0.0095				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0017	0.0017	0.0095				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0425	0.0016	0.0095				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0017	0.0013	0.0095				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0012	0.0012	0.0095				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0095				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.153	0.0017	0.0095				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0014	0.0014	0.0095				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.00203	0.00086	0.0095	0.0000300	0.0000000609		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0080	0.0011	0.0095				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0016 (1)	0.0016	0.0095				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0012	0.0012	0.0095				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0097	0.0014	0.0095				7173905
22'33'44'56-OctaCB-(195)	ng/g	<0.0027 (1)	0.0027	0.0095				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0060	0.0016	0.0095				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0013	0.0013	0.0095				7173905
OctaCB-(198)+(199)	ng/g	0.0203	0.0016	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0010	0.0010	0.0095				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0031	0.0012	0.0095				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0112	0.0011	0.0095				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0111	0.0015	0.0095				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0012	0.0012	0.0095				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0015	0.0015	0.0095				7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	0.0055	0.0019	0.0095				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0016	0.0016	0.0095				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0025	0.0020	0.0095				7173905
DecaCB-(209)	ng/g	0.00315	0.00081	0.0095				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000168		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	69						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	81						7173905
C13-22'33'44'5-HeptaCB-(170)	%	88						7173905
C13-22'33'455'66'-NonaCB-(208)	%	82						7173905
C13-22'33'55'66'-OctaCB-(202)	%	88						7173905
C13-22'33'55'6-HeptaCB-(178)	%	75						7173905
C13-22'344'55'-HeptaCB-(180)	%	90						7173905
C13-22'34'566'-HeptaCB-(188)	%	67						7173905
C13-22'44'66'-HexaCB-(155)	%	66						7173905
C13-22'466'-PentaCB-(104)	%	70						7173905
C13-22'66'-TetraCB-(54)	%	67						7173905
C13-22'6-TriCB-(19)	%	64						7173905
C13-22'-DiCB-(4)	%	61						7173905
C13-233'44'55'6-OctaCB-(205)	%	74						7173905
C13-233'44'55'-HeptaCB-(189)	%	78						7173905
C13-233'44'-PentaCB-(105)	%	67						7173905
C13-233'55'-PentaCB-(111)	%	72						7173905
C13-23'44'55'-HexaCB-(167)	%	64						7173905
C13-2344'5-PentaCB-(114)	%	66						7173905
C13-23'44'5-PentaCB-(118)	%	68						7173905
C13-2'344'5-PentaCB-(123)	%	66						7173905
C13-2-MonoCB-(1)	%	52						7173905
C13-33'44'55'-HexaCB-(169)	%	56						7173905
C13-33'44'5-PentaCB-(126)	%	63						7173905
C13-33'44'-TetraCB-(77)	%	63						7173905
C13-344'5-TetraCB-(81)	%	64						7173905
C13-344'-TriCB-(37)	%	62						7173905

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA180						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	65						7173905
C13-4-MonoCB-(3)	%	50						7173905
C13-DecaCB-(209)	%	82						7173905
C13-HexaCB-(156)+(157)	%	65						7173905

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00071 (1)	0.00071	0.0099				7173905
3-MonoCB-(2)	ng/g	<0.00082 (1)	0.00082	0.0099				7173905
4-MonoCB-(3)	ng/g	<0.00072 (1)	0.00072	0.0099				7173905
22'-DiCB-(4)	ng/g	<0.00084	0.00084	0.0099				7173905
2,3-DiCB-(5)	ng/g	<0.00075	0.00075	0.0099				7173905
2,3'-DiCB-(6)	ng/g	<0.00098 (1)	0.00098	0.0099				7173905
2,4-DiCB-(7)	ng/g	<0.00056	0.00056	0.0099				7173905
2,4'-DiCB-(8)	ng/g	<0.0031 (1)	0.0031	0.0099				7173905
2,5-DiCB-(9)	ng/g	<0.00059	0.00059	0.0099				7173905
2,6-DiCB-(10)	ng/g	<0.00084	0.00084	0.0099				7173905
3,3'-DiCB-(11)	ng/g	<0.0053 (1)	0.0053	0.0099				7173905
DiCB-(12)+(13)	ng/g	<0.00057	0.00057	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.00057	0.00057	0.0099				7173905
4,4'-DiCB-(15)	ng/g	<0.0016 (1)	0.0016	0.0099				7173905
22'3-TriCB-(16)	ng/g	0.0096	0.0018	0.0099				7173905
22'4-TriCB-(17)	ng/g	0.0092	0.0013	0.0099				7173905
TriCB-(18)+(30)	ng/g	0.0341	0.0010	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0010	0.0010	0.0099				7173905
TriCB-(20) + (28)	ng/g	0.112	0.00062	0.020				7173905
TriCB-(21)+(33)	ng/g	0.0103	0.00063	0.020				7173905
234'-TriCB-(22)	ng/g	0.0126	0.00067	0.0099				7173905
235-TriCB-(23)	ng/g	<0.00064	0.00064	0.0099				7173905
236-TriCB-(24)	ng/g	<0.00082	0.00082	0.0099				7173905
23'4-TriCB-(25)	ng/g	0.00276	0.00058	0.0099				7173905
TriCB-(26)+(29)	ng/g	0.00938	0.00065	0.020				7173905
23'6-TriCB-(27)	ng/g	0.00241	0.00087	0.0099				7173905
24'5-TriCB-(31)	ng/g	0.0714	0.00062	0.0099				7173905
24'6-TriCB-(32)	ng/g	0.00192	0.00084	0.0099				7173905
23'5'-TriCB-(34)	ng/g	<0.00072	0.00072	0.0099				7173905
33'4-TriCB-(35)	ng/g	<0.00068	0.00068	0.0099				7173905
33'5-TriCB-(36)	ng/g	<0.00060	0.00060	0.0099				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0036	0.0011	0.0099				7173905
345-TriCB-(38)	ng/g	<0.00067	0.00067	0.0099				7173905
34'5-TriCB-(39)	ng/g	0.00117	0.00064	0.0099				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0266	0.0014	0.030				7173905
22'34'-TetraCB-(42)	ng/g	0.0323	0.0014	0.0099				7173905
22'35-TetraCB-(43)	ng/g	0.0079	0.0018	0.0099				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.472	0.0012	0.030				7173905
TetraCB-(45)+(51)	ng/g	0.0047	0.0014	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0016	0.0016	0.0099				7173905
22'45-TetraCB-(48)	ng/g	0.0127	0.0014	0.0099				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.299	0.0012	0.020				7173905
TetraCB-(50)+(53)	ng/g	0.0053	0.0013	0.020				7173905
22'55'-TetraCB-(52)	ng/g	1.37	0.0014	0.0099				7173905
22'66'-TetraCB-(54)	ng/g	<0.00077	0.00077	0.0099				7173905
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0099				7173905
233'4'-Tetra CB(56)	ng/g	0.0230	0.0018	0.0099				7173905
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099				7173905
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0180	0.0010	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0469	0.0018	0.0099				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.449	0.0017	0.040				7173905
234'5-TetraCB-(63)	ng/g	0.0128	0.0017	0.0099				7173905
234'6-TetraCB-(64)	ng/g	0.0761	0.0010	0.0099				7173905
23'44'-TetraCB-(66)	ng/g	0.165	0.0018	0.0099				7173905
23'45-TetraCB-(67)	ng/g	0.0025	0.0016	0.0099				7173905
23'45'-TetraCB-(68)	ng/g	0.0106	0.0016	0.0099				7173905
23'55'-TetraCB-(72)	ng/g	0.0083	0.0017	0.0099				7173905
23'5'6-TetraCB-(73)	ng/g	<0.00096	0.00096	0.0099				7173905
33'44'-TetraCB-(77)	ng/g	0.0089	0.0022	0.0099	0.000100	0.000000890		7173905
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099				7173905
33'45'-TetraCB(79)	ng/g	0.0065	0.0016	0.0099				7173905
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099				7173905
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0099	0.000300	0.000000660		7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0234	0.0027	0.0099				7173905
PentaCB-(83)+(99)	ng/g	2.54	0.0027	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0518	0.0026	0.0099				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.372	0.0019	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.404	0.0020	0.060				7173905
PentaCB-(88)+(91)	ng/g	0.102	0.0024	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0099				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.93	0.0021	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.309	0.0024	0.0099				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0089	0.0023	0.040				7173905
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0099				7173905
22'35'6-PentaCB-(95)	ng/g	0.605	0.0023	0.0099				7173905
22'366'-PentaCB-(96)	ng/g	<0.00025	0.00025	0.0099				7173905
22'45'6-PentaCB-(103)	ng/g	0.0066	0.0022	0.0099				7173905
22'466'-PentaCB-(104)	ng/g	<0.00019	0.00019	0.0099				7173905
233'44'-PentaCB-(105)	ng/g	0.416	0.00097	0.0099	0.0000300	0.0000125		7173905
233'45-PentaCB-(106)	ng/g	<0.00078	0.00078	0.0099				7173905
233'4'5-PentaCB-(107)	ng/g	0.0601	0.00068	0.0099				7173905
PentaCB-(108)+(124)	ng/g	0.0209	0.00076	0.020				7173905
PentaCB-(110)+(115)	ng/g	0.666	0.0020	0.020				7173905
233'55'-PentaCB-(111)	ng/g	0.0035	0.0018	0.0099				7173905
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0099				7173905
2344'5-PentaCB-(114)	ng/g	0.0275	0.00095	0.0099	0.0000300	0.000000825		7173905
23'44'5-PentaCB-(118)	ng/g	1.23	0.00096	0.0099	0.0000300	0.0000369		7173905
23'455'-PentaCB-(120)	ng/g	<0.0020 (1)	0.0020	0.0099				7173905
23'45'6-PentaCB-(121)	ng/g	0.0064	0.0018	0.0099				7173905
233'4'5'-PentaCB-(122)	ng/g	0.00385	0.00086	0.0099				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0204	0.0010	0.0099	0.0000300	0.000000612		7173905
33'44'5-PentaCB-(126)	ng/g	0.00321	0.00093	0.0099	0.100	0.000321		7173905
33'455'-PentaCB-(127)	ng/g	0.00399	0.00077	0.0099				7173905
HexaCB-(128)+(166)	ng/g	0.381	0.0013	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	4.23	0.0014	0.030				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.182	0.0017	0.0099				7173905
22'33'46-HexaCB-(131)	ng/g	0.0024	0.0016	0.0099				7173905
22'33'46'-HexaCB-(132)	ng/g	0.230	0.0016	0.0099				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0902	0.0016	0.0099				7173905
HexaCB-(134)+(143)	ng/g	0.0187	0.0016	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.404	0.0039	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0367	0.0029	0.0099				7173905
22'344'5-HexaCB-(137)	ng/g	0.165	0.0018	0.0099				7173905
HexaCB-(139)+(140)	ng/g	0.0240	0.0014	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.127	0.0015	0.0099				7173905
22'3456-HexaCB-(142)	ng/g	<0.0017	0.0017	0.0099				7173905
22'345'6-HexaCB-(144)	ng/g	0.0311	0.0040	0.0099				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0030	0.0030	0.0099				7173905
22'34'55'-HexaCB-(146)	ng/g	0.861	0.0014	0.0099				7173905
HexaCB-(147)+(149)	ng/g	1.18	0.0014	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0039	0.0039	0.0099				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.0099				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0029	0.0029	0.0099				7173905
HexaCB-(153)+(168)	ng/g	5.28	0.0012	0.0099				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0360	0.0034	0.0099				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0101	0.0017	0.0099				7173905
HexaCB-(156)+(157)	ng/g	0.173	0.0015	0.020	0.0000300	0.00000519		7173905
233'44'6-HexaCB-(158)	ng/g	0.140	0.0011	0.0099				7173905
233'455'-HexaCB-(159)	ng/g	0.0048	0.0011	0.0099				7173905
233'456-HexaCB-(160)	ng/g	<0.0011	0.0011	0.0099				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0011	0.0011	0.0099				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0063	0.0011	0.0099				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0290	0.0010	0.0099				7173905
233'55'6-HexaCB-(165)	ng/g	0.0074	0.0012	0.0099				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0374	0.0014	0.0099	0.0000300	0.00000112		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0034	0.0015	0.0099	0.0300	0.000102		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.275	0.0011	0.0099				7173905
HeptaCB-(171)+(173)	ng/g	0.0640	0.0013	0.020				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0642	0.0014	0.0099				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0989	0.0012	0.0099				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0095	0.0018	0.0099				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0072	0.0014	0.0099				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.228	0.0013	0.0099				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.201	0.0019	0.0099				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0421	0.0013	0.0099				7173905
HeptaCB-(180)+(193)	ng/g	0.803	0.0010	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	0.0034	0.0013	0.0099				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0018	0.0018	0.0099				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.336	0.0014	0.0099				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0085	0.0013	0.0099				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0011	0.0011	0.0099				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0014	0.0014	0.0099				7173905
22'34'55'6-HeptaCB-(187)	ng/g	1.15	0.0017	0.0099				7173905
22'34'566'-HeptaCB-(188)	ng/g	0.0015	0.0014	0.0099				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0083	0.0021	0.0099	0.0000300	0.000000249		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0533	0.0010	0.0099				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0094	0.0010	0.0099				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0011	0.0011	0.0099				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0738	0.0011	0.0099				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0310	0.0012	0.0099				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0512	0.0025	0.0099				7173905
22'33'44'66'OctaCB-(197)	ng/g	0.0057	0.0021	0.0099				7173905
OctaCB-(198)+(199)	ng/g	0.171	0.0024	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	0.0035	0.0016	0.0099				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0056	0.0018	0.0099				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0746	0.0018	0.0099				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0838	0.0023	0.0099				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0018	0.0018	0.0099				7173905
233'44'55'6-OctaCB-(205)	ng/g	0.0070	0.0012	0.0099				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0337	0.0013	0.0099				7173905
22'33'44'566'-NonaCB-(207)	ng/g	0.0066	0.0011	0.0099				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0150	0.0014	0.0099				7173905
DecaCB-(209)	ng/g	<0.016 (1)	0.016	0.0099				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000482		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	51						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	85						7173905
C13-22'33'44'5-HeptaCB-(170)	%	99						7173905
C13-22'33'455'66'-NonaCB-(208)	%	86						7173905
C13-22'33'55'66'-OctaCB-(202)	%	101						7173905
C13-22'33'55'6-HeptaCB-(178)	%	49						7173905
C13-22'344'55'-HeptaCB-(180)	%	99						7173905
C13-22'34'566'-HeptaCB-(188)	%	68						7173905
C13-22'44'66'-HexaCB-(155)	%	75						7173905
C13-22'466'-PentaCB-(104)	%	73						7173905
C13-22'66'-TetraCB-(54)	%	66						7173905
C13-22'6-TriCB-(19)	%	63						7173905
C13-22'-DiCB-(4)	%	61						7173905
C13-233'44'55'6-OctaCB-(205)	%	77						7173905
C13-233'44'55'-HeptaCB-(189)	%	86						7173905
C13-233'44'-PentaCB-(105)	%	64						7173905
C13-233'55'-PentaCB-(111)	%	46						7173905
C13-23'44'55'-HexaCB-(167)	%	65						7173905
C13-2344'5-PentaCB-(114)	%	64						7173905
C13-23'44'5-PentaCB-(118)	%	65						7173905
C13-2'344'5-PentaCB-(123)	%	64						7173905
C13-2-MonoCB-(1)	%	49						7173905
C13-33'44'55'-HexaCB-(169)	%	55						7173905
C13-33'44'5-PentaCB-(126)	%	60						7173905
C13-33'44'-TetraCB-(77)	%	59						7173905
C13-344'5-TetraCB-(81)	%	58						7173905
C13-344'-TriCB-(37)	%	63						7173905
C13-44'-DiCB-(15)	%	63						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA181						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-33	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	51						7173905
C13-DecaCB-(209)	%	87						7173905
C13-HexaCB-(156)+(157)	%	67						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00089	0.00089	0.0099				7173905
3-MonoCB-(2)	ng/g	<0.00087	0.00087	0.0099				7173905
4-MonoCB-(3)	ng/g	<0.00088	0.00088	0.0099				7173905
22'-DiCB-(4)	ng/g	<0.00090	0.00090	0.0099				7173905
2,3-DiCB-(5)	ng/g	<0.0017	0.0017	0.0099				7173905
2,3'-DiCB-(6)	ng/g	<0.0016	0.0016	0.0099				7173905
2,4-DiCB-(7)	ng/g	<0.0014	0.0014	0.0099				7173905
2,4'-DiCB-(8)	ng/g	<0.0049 (1)	0.0049	0.0099				7173905
2,5-DiCB-(9)	ng/g	<0.0017	0.0017	0.0099				7173905
2,6-DiCB-(10)	ng/g	<0.00085	0.00085	0.0099				7173905
3,3'-DiCB-(11)	ng/g	<0.0061 (1)	0.0061	0.0099				7173905
DiCB-(12)+(13)	ng/g	<0.0015	0.0015	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.0015	0.0015	0.0099				7173905
4,4'-DiCB-(15)	ng/g	<0.0022	0.0022	0.0099				7173905
22'3-TriCB-(16)	ng/g	0.0120	0.0028	0.0099				7173905
22'4-TriCB-(17)	ng/g	0.0115	0.0023	0.0099				7173905
TriCB-(18)+(30)	ng/g	0.0588	0.0019	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0099				7173905
TriCB-(20) + (28)	ng/g	0.193	0.0017	0.020				7173905
TriCB-(21)+(33)	ng/g	0.0145	0.0017	0.020				7173905
234'-TriCB-(22)	ng/g	0.0229	0.0018	0.0099				7173905
235-TriCB-(23)	ng/g	<0.0018	0.0018	0.0099				7173905
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099				7173905
23'4-TriCB-(25)	ng/g	0.0045	0.0015	0.0099				7173905
TriCB-(26)+(29)	ng/g	0.0211	0.0017	0.020				7173905
23'6-TriCB-(27)	ng/g	0.0055	0.0019	0.0099				7173905
24'5-TriCB-(31)	ng/g	0.135	0.0016	0.0099				7173905
24'6-TriCB-(32)	ng/g	0.0030	0.0016	0.0099				7173905
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.0099				7173905
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0099				7173905
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0099				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0065	0.0026	0.0099				7173905
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.0099				7173905
34'5-TriCB-(39)	ng/g	0.0020	0.0017	0.0099				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0426	0.0025	0.030				7173905
22'34'-TetraCB-(42)	ng/g	0.0477	0.0025	0.0099				7173905
22'35-TetraCB-(43)	ng/g	0.0122	0.0032	0.0099				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.452	0.0022	0.030				7173905
TetraCB-(45)+(51)	ng/g	0.0067	0.0025	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0029	0.0029	0.0099				7173905
22'45-TetraCB-(48)	ng/g	0.0140	0.0025	0.0099				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.308	0.0021	0.020				7173905
TetraCB-(50)+(53)	ng/g	0.0045	0.0024	0.020				7173905
22'55'-TetraCB-(52)	ng/g	1.07	0.0026	0.0099				7173905
22'66'-TetraCB-(54)	ng/g	<0.00086	0.00086	0.0099				7173905
233'4-TetraCB-(55)	ng/g	<0.0036	0.0036	0.0099				7173905
233'4'-Tetra CB(56)	ng/g	0.0382	0.0037	0.0099				7173905
233'5-TetraCB-(57)	ng/g	<0.0036	0.0036	0.0099				7173905
233'5'-TetraCB-(58)	ng/g	<0.0038	0.0038	0.0099				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0335	0.0019	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0880	0.0038	0.0099				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.694	0.0034	0.040				7173905
234'5-TetraCB-(63)	ng/g	0.0363	0.0035	0.0099				7173905
234'6-TetraCB-(64)	ng/g	0.140	0.0019	0.0099				7173905
23'44'-TetraCB-(66)	ng/g	0.383	0.0037	0.0099				7173905
23'45-TetraCB-(67)	ng/g	0.0042	0.0033	0.0099				7173905
23'45'-TetraCB-(68)	ng/g	0.0276	0.0033	0.0099				7173905
23'55'-TetraCB-(72)	ng/g	0.0156	0.0035	0.0099				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099				7173905
33'44'-TetraCB-(77)	ng/g	<0.018 (1)	0.018	0.0099	0.000100	0.00000180		7173905
33'45-TetraCB-(78)	ng/g	<0.0038	0.0038	0.0099				7173905
33'45'-TetraCB(79)	ng/g	0.0072	0.0034	0.0099				7173905
33'55'-TetraCB-(80)	ng/g	<0.0033	0.0033	0.0099				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0039	0.0039	0.0099	0.000300	0.00000117		7173905
22'33'4-PentaCB-(82)	ng/g	0.0332	0.0034	0.0099				7173905
PentaCB-(83)+(99)	ng/g	2.15	0.0033	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0916	0.0032	0.0099				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.369	0.0025	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.508	0.0025	0.060				7173905
PentaCB-(88)+(91)	ng/g	0.116	0.0029	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0031	0.0031	0.0099				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.89	0.0025	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.394	0.0030	0.0099				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0186	0.0028	0.040				7173905
22'356'-PentaCB-(94)	ng/g	<0.0031	0.0031	0.0099				7173905
22'35'6-PentaCB-(95)	ng/g	0.711	0.0028	0.0099				7173905
22'366'-PentaCB-(96)	ng/g	<0.00059	0.00059	0.0099				7173905
22'45'6-PentaCB-(103)	ng/g	0.0124	0.0026	0.0099				7173905
22'466'-PentaCB-(104)	ng/g	<0.00050	0.00050	0.0099				7173905
233'44'-PentaCB-(105)	ng/g	0.745	0.0023	0.0099	0.0000300	0.0000224		7173905
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0099				7173905
233'4'5-PentaCB-(107)	ng/g	0.187	0.0019	0.0099				7173905
PentaCB-(108)+(124)	ng/g	0.0489	0.0019	0.020				7173905
PentaCB-(110)+(115)	ng/g	1.02	0.0022	0.020				7173905
233'55'-PentaCB-(111)	ng/g	0.0060	0.0023	0.0099				7173905
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0099				7173905
2344'5-PentaCB-(114)	ng/g	0.0381	0.0022	0.0099	0.0000300	0.00000114		7173905
23'44'5-PentaCB-(118)	ng/g	2.29	0.0022	0.0099	0.0000300	0.0000687		7173905
23'455'-PentaCB-(120)	ng/g	0.0048	0.0023	0.0099				7173905
23'45'6-PentaCB-(121)	ng/g	0.0042	0.0022	0.0099				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.0099				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0451	0.0024	0.0099	0.0000300	0.00000135		7173905
33'44'5-PentaCB-(126)	ng/g	0.0066	0.0022	0.0099	0.100	0.000660		7173905
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0099				7173905
HexaCB-(128)+(166)	ng/g	0.405	0.0033	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	4.01	0.0034	0.030				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.138	0.0043	0.0099				7173905
22'33'46-HexaCB-(131)	ng/g	0.0052	0.0043	0.0099				7173905
22'33'46'-HexaCB-(132)	ng/g	0.228	0.0041	0.0099				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0988	0.0039	0.0099				7173905
HexaCB-(134)+(143)	ng/g	0.0482	0.0040	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.609	0.0050	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0545	0.0039	0.0099				7173905
22'344'5-HexaCB-(137)	ng/g	0.126	0.0041	0.0099				7173905
HexaCB-(139)+(140)	ng/g	0.0307	0.0035	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.183	0.0036	0.0099				7173905
22'3456-HexaCB-(142)	ng/g	<0.0040	0.0040	0.0099				7173905
22'345'6-HexaCB-(144)	ng/g	0.0444	0.0049	0.0099				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0099				7173905
22'34'55'-HexaCB-(146)	ng/g	0.836	0.0035	0.0099				7173905
HexaCB-(147)+(149)	ng/g	1.07	0.0034	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	0.0058	0.0050	0.0099				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0037	0.0037	0.0099				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0038	0.0038	0.0099				7173905
HexaCB-(153)+(168)	ng/g	5.14	0.0030	0.0099				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0573	0.0044	0.0099				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0145	0.0028	0.0099				7173905
HexaCB-(156)+(157)	ng/g	0.229	0.0030	0.020	0.0000300	0.00000687		7173905
233'44'6-HexaCB-(158)	ng/g	0.165	0.0027	0.0099				7173905
233'455'-HexaCB-(159)	ng/g	0.0051	0.0024	0.0099				7173905
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.0099				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0028	0.0028	0.0099				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0168	0.0024	0.0099				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0856	0.0027	0.0099				7173905
233'55'6-HexaCB-(165)	ng/g	0.0073	0.0031	0.0099				7173905
23'44'55'-HexaCB-(167)	ng/g	0.120	0.0029	0.0099	0.0000300	0.00000360		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.011 (1)	0.011	0.0099	0.0300	0.000330		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.207	0.0039	0.0099				7173905

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HeptaCB-(171)+(173)	ng/g	0.0710	0.0045	0.020				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0647	0.0049	0.0099				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.109	0.0043	0.0099				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0126	0.0038	0.0099				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0139	0.0029	0.0099				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.172	0.0046	0.0099				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.206	0.0040	0.0099				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0988	0.0028	0.0099				7173905
HeptaCB-(180)+(193)	ng/g	0.804	0.0038	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0045	0.0045	0.0099				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0038 (1)	0.0038	0.0099				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.246	0.0042	0.0099				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0108	0.0027	0.0099				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0045	0.0045	0.0099				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0030	0.0030	0.0099				7173905
22'34'55'6-HeptaCB-(187)	ng/g	1.14	0.0037	0.0099				7173905
22'34'566'-HeptaCB-(188)	ng/g	0.0040	0.0032	0.0099				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0119	0.0015	0.0099	0.0000300	0.000000357		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0566	0.0039	0.0099				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0120	0.0036	0.0099				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.0099				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0677	0.0026	0.0099				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0216	0.0028	0.0099				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0486	0.0037	0.0099				7173905
22'33'44'66'OctaCB-(197)	ng/g	0.0374	0.0029	0.0099				7173905
OctaCB-(198)+(199)	ng/g	0.126	0.0036	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	0.0055	0.0023	0.0099				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0163	0.0026	0.0099				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0720	0.0027	0.0099				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0871	0.0033	0.0099				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0099				7173905
233'44'55'6-OctaCB-(205)	ng/g	0.0047	0.0026	0.0099				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'55'6-NonaCB-(206)	ng/g	0.0304	0.0026	0.0099				7173905
22'33'44'566'-NonaCB-(207)	ng/g	0.0055	0.0022	0.0099				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0128	0.0027	0.0099				7173905
DecaCB-(209)	ng/g	0.0161	0.0018	0.0099				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.00110		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	55						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	87						7173905
C13-22'33'44'5-HeptaCB-(170)	%	101						7173905
C13-22'33'455'66'-NonaCB-(208)	%	84						7173905
C13-22'33'55'66'-OctaCB-(202)	%	111						7173905
C13-22'33'55'6-HeptaCB-(178)	%	77						7173905
C13-22'344'55'-HeptaCB-(180)	%	102						7173905
C13-22'34'566'-HeptaCB-(188)	%	71						7173905
C13-22'44'66'-HexaCB-(155)	%	76						7173905
C13-22'466'-PentaCB-(104)	%	64						7173905
C13-22'66'-TetraCB-(54)	%	67						7173905
C13-22'6-TriCB-(19)	%	71						7173905
C13-22'-DiCB-(4)	%	66						7173905
C13-233'44'55'6-OctaCB-(205)	%	73						7173905
C13-233'44'55'-HeptaCB-(189)	%	68						7173905
C13-233'44'-PentaCB-(105)	%	48						7173905
C13-233'55'-PentaCB-(111)	%	67						7173905
C13-23'44'55'-HexaCB-(167)	%	54						7173905
C13-2344'5-PentaCB-(114)	%	51						7173905
C13-23'44'5-PentaCB-(118)	%	51						7173905
C13-2'344'5-PentaCB-(123)	%	51						7173905
C13-2-MonoCB-(1)	%	52						7173905
C13-33'44'55'-HexaCB-(169)	%	44						7173905
C13-33'44'5-PentaCB-(126)	%	47						7173905
C13-33'44'-TetraCB-(77)	%	48						7173905
C13-344'5-TetraCB-(81)	%	51						7173905
C13-344'-TriCB-(37)	%	48						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA182						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-34	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-44'-DiCB-(15)	%	59						7173905
C13-4-MonoCB-(3)	%	51						7173905
C13-DecaCB-(209)	%	109						7173905
C13-HexaCB-(156)+(157)	%	54						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00085	0.00085	0.0094				7173905
3-MonoCB-(2)	ng/g	<0.00084	0.00084	0.0094				7173905
4-MonoCB-(3)	ng/g	<0.00084	0.00084	0.0094				7173905
22'-DiCB-(4)	ng/g	<0.00075	0.00075	0.0094				7173905
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0094				7173905
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0094				7173905
2,4-DiCB-(7)	ng/g	<0.00096	0.00096	0.0094				7173905
2,4'-DiCB-(8)	ng/g	<0.0031 (1)	0.0031	0.0094				7173905
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0094				7173905
2,6-DiCB-(10)	ng/g	<0.00071	0.00071	0.0094				7173905
3,3'-DiCB-(11)	ng/g	0.0062	0.0011	0.0094				7173905
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0094				7173905
4,4'-DiCB-(15)	ng/g	<0.0015	0.0015	0.0094				7173905
22'3-TriCB-(16)	ng/g	0.0031	0.0026	0.0094				7173905
22'4-TriCB-(17)	ng/g	0.0049	0.0022	0.0094				7173905
TriCB-(18)+(30)	ng/g	0.0137	0.0018	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0094				7173905
TriCB-(20) + (28)	ng/g	0.0794	0.0012	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0079	0.0012	0.019				7173905
234'-TriCB-(22)	ng/g	0.0117	0.0013	0.0094				7173905
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0094				7173905
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0094				7173905
23'4-TriCB-(25)	ng/g	0.0023	0.0011	0.0094				7173905
TriCB-(26)+(29)	ng/g	0.0066	0.0012	0.019				7173905
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0094				7173905
24'5-TriCB-(31)	ng/g	0.0633	0.0012	0.0094				7173905
24'6-TriCB-(32)	ng/g	0.0028	0.0015	0.0094				7173905
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0094				7173905
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0094				7173905
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0094				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0026 (1)	0.0026	0.0094				7173905
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0094				7173905
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0094				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0150	0.0019	0.028				7173905
22'34'-TetraCB-(42)	ng/g	0.0167	0.0019	0.0094				7173905
22'35-TetraCB-(43)	ng/g	0.0035	0.0024	0.0094				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.134	0.0017	0.028				7173905
TetraCB-(45)+(51)	ng/g	<0.0019	0.0019	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0022	0.0022	0.0094				7173905
22'45-TetraCB-(48)	ng/g	0.0075	0.0019	0.0094				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0842	0.0016	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0020	0.0018	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.329	0.0020	0.0094				7173905
22'66'-TetraCB-(54)	ng/g	<0.00056	0.00056	0.0094				7173905
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.0094				7173905
233'4'-Tetra CB(56)	ng/g	0.0225	0.0020	0.0094				7173905
233'5-TetraCB-(57)	ng/g	<0.0020	0.0020	0.0094				7173905
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.0094				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0099	0.0014	0.028				7173905
2344'-TetraCB -(60)	ng/g	0.0385	0.0021	0.0094				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.314	0.0019	0.038				7173905
234'5-TetraCB-(63)	ng/g	0.0144	0.0019	0.0094				7173905
234'6-TetraCB-(64)	ng/g	0.0481	0.0014	0.0094				7173905
23'44'-TetraCB-(66)	ng/g	0.164	0.0020	0.0094				7173905
23'45-TetraCB-(67)	ng/g	<0.0018	0.0018	0.0094				7173905
23'45'-TetraCB-(68)	ng/g	0.0083	0.0018	0.0094				7173905
23'55'-TetraCB-(72)	ng/g	0.0062	0.0019	0.0094				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0013	0.0013	0.0094				7173905
33'44'-TetraCB-(77)	ng/g	0.0089	0.0022	0.0094	0.000100	0.000000890		7173905
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0094				7173905
33'45'-TetraCB(79)	ng/g	0.0030	0.0018	0.0094				7173905
33'55'-TetraCB-(80)	ng/g	<0.0018	0.0018	0.0094				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0022	0.0022	0.0094	0.000300	0.000000660		7173905
22'33'4-PentaCB-(82)	ng/g	0.0129	0.0025	0.0094				7173905
PentaCB-(83)+(99)	ng/g	0.777	0.0024	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0272	0.0024	0.0094				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.128	0.0018	0.028				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.190	0.0018	0.057				7173905
PentaCB-(88)+(91)	ng/g	0.0335	0.0021	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0094				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.682	0.0018	0.028				7173905
22'355'-PentaCB-(92)	ng/g	0.140	0.0022	0.0094				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0058	0.0020	0.038				7173905
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.0094				7173905
22'35'6-PentaCB-(95)	ng/g	0.189	0.0021	0.0094				7173905
22'366'-PentaCB-(96)	ng/g	<0.00024	0.00024	0.0094				7173905
22'45'6-PentaCB-(103)	ng/g	0.0035	0.0019	0.0094				7173905
22'466'-PentaCB-(104)	ng/g	<0.00020	0.00020	0.0094				7173905
233'44'-PentaCB-(105)	ng/g	0.255	0.0023	0.0094	0.0000300	0.00000765		7173905
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0094				7173905
233'4'5-PentaCB-(107)	ng/g	0.0748	0.0019	0.0094				7173905
PentaCB-(108)+(124)	ng/g	0.0184	0.0019	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.411	0.0016	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0094				7173905
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0094				7173905
2344'5-PentaCB-(114)	ng/g	0.0152	0.0022	0.0094	0.0000300	0.000000456		7173905
23'44'5-PentaCB-(118)	ng/g	0.858	0.0022	0.0094	0.0000300	0.0000257		7173905
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0094				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0094				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0021	0.0021	0.0094				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0109	0.0024	0.0094	0.0000300	0.000000327		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0094	0.100	0.000210		7173905
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0094				7173905
HexaCB-(128)+(166)	ng/g	0.152	0.0029	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	1.47	0.0029	0.028				7173905

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0557	0.0036	0.0094				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0037	0.0037	0.0094				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0860	0.0035	0.0094				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0315	0.0034	0.0094				7173905
HexaCB-(134)+(143)	ng/g	0.0150	0.0034	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.230	0.0045	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0162	0.0035	0.0094				7173905
22'344'5-HexaCB-(137)	ng/g	0.0457	0.0035	0.0094				7173905
HexaCB-(139)+(140)	ng/g	0.0113	0.0030	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0697	0.0030	0.0094				7173905
22'3456-HexaCB-(142)	ng/g	<0.0035	0.0035	0.0094				7173905
22'345'6-HexaCB-(144)	ng/g	0.0155	0.0044	0.0094				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0094				7173905
22'34'55'-HexaCB-(146)	ng/g	0.285	0.0030	0.0094				7173905
HexaCB-(147)+(149)	ng/g	0.387	0.0029	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.0094				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0034	0.0034	0.0094				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.0094				7173905
HexaCB-(153)+(168)	ng/g	1.84	0.0026	0.0094				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0193	0.0039	0.0094				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0051	0.0025	0.0094				7173905
HexaCB-(156)+(157)	ng/g	0.0806	0.0026	0.019	0.0000300	0.00000242		7173905
233'44'6-HexaCB-(158)	ng/g	0.0613	0.0023	0.0094				7173905
233'455'-HexaCB-(159)	ng/g	<0.0021	0.0021	0.0094				7173905
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.0094				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0094				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0060	0.0021	0.0094				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0351	0.0023	0.0094				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0094				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0424	0.0025	0.0094	0.0000300	0.00000127		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0050	0.0027	0.0094	0.0300	0.000150		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0733	0.0021	0.0094				7173905
HeptaCB-(171)+(173)	ng/g	0.0280	0.0024	0.019				7173905

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0223	0.0026	0.0094				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0413	0.0023	0.0094				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0052	0.0031	0.0094				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0059	0.0023	0.0094				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0630	0.0025	0.0094				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0690	0.0032	0.0094				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0350	0.0023	0.0094				7173905
HeptaCB-(180)+(193)	ng/g	0.250	0.0020	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0094				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0030	0.0030	0.0094				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0908	0.0023	0.0094				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0036	0.0022	0.0094				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0094				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0024	0.0024	0.0094				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.386	0.0029	0.0094				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0026	0.0026	0.0094				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0046 (1)	0.0046	0.0094	0.0000300	0.000000138		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0191	0.0021	0.0094				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0033	0.0019	0.0094				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0094				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0228	0.0031	0.0094				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0062	0.0032	0.0094				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0150	0.0036	0.0094				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0028	0.0028	0.0094				7173905
OctaCB-(198)+(199)	ng/g	0.0430	0.0034	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0022	0.0022	0.0094				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0060	0.0025	0.0094				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0226	0.0026	0.0094				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0229	0.0032	0.0094				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0026	0.0026	0.0094				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0030	0.0030	0.0094				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0097	0.0034	0.0094				7173905

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0029	0.0029	0.0094				7173905
22'33'455'66'-NonaCB-(208)	ng/g	<0.0035	0.0035	0.0094				7173905
DecaCB-(209)	ng/g	0.0045	0.0011	0.0094				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000400		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	93						7173905
C13-22'33'44'5-HeptaCB-(170)	%	101						7173905
C13-22'33'455'66'-NonaCB-(208)	%	94						7173905
C13-22'33'55'66'-OctaCB-(202)	%	108						7173905
C13-22'33'55'6-HeptaCB-(178)	%	92						7173905
C13-22'344'55'-HeptaCB-(180)	%	99						7173905
C13-22'34'566'-HeptaCB-(188)	%	79						7173905
C13-22'44'66'-HexaCB-(155)	%	85						7173905
C13-22'466'-PentaCB-(104)	%	82						7173905
C13-22'66'-TetraCB-(54)	%	80						7173905
C13-22'6-TriCB-(19)	%	78						7173905
C13-22'-DiCB-(4)	%	77						7173905
C13-233'44'55'6-OctaCB-(205)	%	79						7173905
C13-233'44'55'-HeptaCB-(189)	%	74						7173905
C13-233'44'-PentaCB-(105)	%	66						7173905
C13-233'55'-PentaCB-(111)	%	86						7173905
C13-23'44'55'-HexaCB-(167)	%	61						7173905
C13-2344'5-PentaCB-(114)	%	65						7173905
C13-23'44'5-PentaCB-(118)	%	64						7173905
C13-2'344'5-PentaCB-(123)	%	62						7173905
C13-2-MonoCB-(1)	%	57						7173905
C13-33'44'55'-HexaCB-(169)	%	53						7173905
C13-33'44'5-PentaCB-(126)	%	58						7173905
C13-33'44'-TetraCB-(77)	%	61						7173905
C13-344'5-TetraCB-(81)	%	62						7173905
C13-344'-TriCB-(37)	%	56						7173905
C13-44'-DiCB-(15)	%	67						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA184						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-35	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	55						7173905
C13-DecaCB-(209)	%	106						7173905
C13-HexaCB-(156)+(157)	%	63						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00056	0.00056	0.0095				7173905
3-MonoCB-(2)	ng/g	<0.00055	0.00055	0.0095				7173905
4-MonoCB-(3)	ng/g	<0.00055	0.00055	0.0095				7173905
22'-DiCB-(4)	ng/g	<0.0010	0.0010	0.0095				7173905
2,3-DiCB-(5)	ng/g	<0.00059	0.00059	0.0095				7173905
2,3'-DiCB-(6)	ng/g	<0.00054	0.00054	0.0095				7173905
2,4-DiCB-(7)	ng/g	<0.00050	0.00050	0.0095				7173905
2,4'-DiCB-(8)	ng/g	0.00429	0.00051	0.0095				7173905
2,5-DiCB-(9)	ng/g	<0.00059	0.00059	0.0095				7173905
2,6-DiCB-(10)	ng/g	<0.00096	0.00096	0.0095				7173905
3,3'-DiCB-(11)	ng/g	<0.0049 (1)	0.0049	0.0095				7173905
DiCB-(12)+(13)	ng/g	<0.00054	0.00054	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.00054	0.00054	0.0095				7173905
4,4'-DiCB-(15)	ng/g	<0.0033 (1)	0.0033	0.0095				7173905
22'3-TriCB-(16)	ng/g	0.0095	0.0013	0.0095				7173905
22'4-TriCB-(17)	ng/g	0.0074	0.0011	0.0095				7173905
TriCB-(18)+(30)	ng/g	0.0411	0.00088	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.00097	0.00097	0.0095				7173905
TriCB-(20) + (28)	ng/g	0.189	0.00093	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0102	0.00092	0.019				7173905
234'-TriCB-(22)	ng/g	0.0222	0.00099	0.0095				7173905
235-TriCB-(23)	ng/g	<0.0010	0.0010	0.0095				7173905
236-TriCB-(24)	ng/g	<0.00076	0.00076	0.0095				7173905
23'4-TriCB-(25)	ng/g	0.00300	0.00082	0.0095				7173905
TriCB-(26)+(29)	ng/g	0.0127	0.00095	0.019				7173905
23'6-TriCB-(27)	ng/g	0.00259	0.00088	0.0095				7173905
24'5-TriCB-(31)	ng/g	0.133	0.00091	0.0095				7173905
24'6-TriCB-(32)	ng/g	0.00248	0.00073	0.0095				7173905
23'5'-TriCB-(34)	ng/g	<0.00096	0.00096	0.0095				7173905
33'4-TriCB-(35)	ng/g	<0.00098	0.00098	0.0095				7173905
33'5-TriCB-(36)	ng/g	<0.00089	0.00089	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0078 (1)	0.0014	0.0095				7173905
345-TriCB-(38)	ng/g	<0.00099	0.00099	0.0095				7173905
34'5-TriCB-(39)	ng/g	<0.00093	0.00093	0.0095				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0282	0.0016	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0372	0.0017	0.0095				7173905
22'35-TetraCB-(43)	ng/g	0.0068	0.0021	0.0095				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.353	0.0015	0.029				7173905
TetraCB-(45)+(51)	ng/g	0.0049	0.0016	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0095				7173905
22'45-TetraCB-(48)	ng/g	0.0124	0.0016	0.0095				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.232	0.0014	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0050	0.0016	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.822	0.0017	0.0095				7173905
22'66'-TetraCB-(54)	ng/g	<0.00075	0.00075	0.0095				7173905
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.0095				7173905
233'4'-Tetra CB(56)	ng/g	0.0326	0.0023	0.0095				7173905
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0095				7173905
233'5'-TetraCB-(58)	ng/g	<0.0023	0.0023	0.0095				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0209	0.0012	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0788	0.0023	0.0095				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.555	0.0021	0.038				7173905
234'5-TetraCB-(63)	ng/g	0.0279	0.0021	0.0095				7173905
234'6-TetraCB-(64)	ng/g	0.0952	0.0012	0.0095				7173905
23'44'-TetraCB-(66)	ng/g	0.327	0.0022	0.0095				7173905
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0095				7173905
23'45'-TetraCB-(68)	ng/g	0.0173	0.0020	0.0095				7173905
23'55'-TetraCB-(72)	ng/g	0.0123	0.0021	0.0095				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0095				7173905
33'44'-TetraCB-(77)	ng/g	0.0203	0.0025	0.0095	0.000100	0.00000203		7173905
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.0095				7173905
33'45'-TetraCB(79)	ng/g	0.0060	0.0021	0.0095				7173905
33'55'-TetraCB-(80)	ng/g	<0.0020	0.0020	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0024	0.0024	0.0095	0.000300	0.000000720		7173905
22'33'4-PentaCB-(82)	ng/g	0.0258	0.0027	0.0095				7173905
PentaCB-(83)+(99)	ng/g	1.81	0.0026	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0605	0.0026	0.0095				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.304	0.0020	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.376	0.0019	0.057				7173905
PentaCB-(88)+(91)	ng/g	0.0792	0.0023	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0095				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.23	0.0020	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.285	0.0024	0.0095				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0118	0.0022	0.038				7173905
22'356'-PentaCB-(94)	ng/g	<0.0024	0.0024	0.0095				7173905
22'35'6-PentaCB-(95)	ng/g	0.481	0.0022	0.0095				7173905
22'366'-PentaCB-(96)	ng/g	<0.00065	0.00065	0.0095				7173905
22'45'6-PentaCB-(103)	ng/g	0.0078	0.0021	0.0095				7173905
22'466'-PentaCB-(104)	ng/g	<0.00055	0.00055	0.0095				7173905
233'44'-PentaCB-(105)	ng/g	0.561	0.0015	0.0095	0.0000300	0.0000168		7173905
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0095				7173905
233'4'5-PentaCB-(107)	ng/g	0.131	0.0013	0.0095				7173905
PentaCB-(108)+(124)	ng/g	0.0315	0.0013	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.640	0.0018	0.019				7173905
233'55'-PentaCB-(111)	ng/g	0.0048	0.0018	0.0095				7173905
233'56-PentaCB-(112)	ng/g	<0.0015	0.0015	0.0095				7173905
2344'5-PentaCB-(114)	ng/g	0.0315	0.0015	0.0095	0.0000300	0.000000945		7173905
23'44'5-PentaCB-(118)	ng/g	1.82	0.0015	0.0095	0.0000300	0.0000546		7173905
23'455'-PentaCB-(120)	ng/g	0.0029	0.0018	0.0095				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0095				7173905
233'4'5'-PentaCB-(122)	ng/g	0.0082	0.0015	0.0095				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0318	0.0016	0.0095	0.0000300	0.000000954		7173905
33'44'5-PentaCB-(126)	ng/g	0.0037	0.0015	0.0095	0.100	0.000370		7173905
33'455'-PentaCB-(127)	ng/g	<0.0014	0.0014	0.0095				7173905
HexaCB-(128)+(166)	ng/g	0.311	0.0027	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	3.00	0.0027	0.029				7173905

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.110	0.0034	0.0095				7173905
22'33'46-HexaCB-(131)	ng/g	0.0036	0.0034	0.0095				7173905
22'33'46'-HexaCB-(132)	ng/g	0.168	0.0033	0.0095				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0695	0.0032	0.0095				7173905
HexaCB-(134)+(143)	ng/g	0.0308	0.0032	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.367	0.0027	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0372	0.0021	0.0095				7173905
22'344'5-HexaCB-(137)	ng/g	0.0966	0.0033	0.0095				7173905
HexaCB-(139)+(140)	ng/g	0.0215	0.0028	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.133	0.0028	0.0095				7173905
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0095				7173905
22'345'6-HexaCB-(144)	ng/g	0.0261	0.0026	0.0095				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0021	0.0021	0.0095				7173905
22'34'55'-HexaCB-(146)	ng/g	0.577	0.0028	0.0095				7173905
HexaCB-(147)+(149)	ng/g	0.766	0.0027	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	0.0038	0.0027	0.0095				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0020	0.0020	0.0095				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0020	0.0020	0.0095				7173905
HexaCB-(153)+(168)	ng/g	3.92	0.0024	0.0095				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0401	0.0023	0.0095				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0102	0.0015	0.0095				7173905
HexaCB-(156)+(157)	ng/g	0.157	0.0024	0.019	0.0000300	0.00000471		7173905
233'44'6-HexaCB-(158)	ng/g	0.132	0.0022	0.0095				7173905
233'455'-HexaCB-(159)	ng/g	0.0047	0.0020	0.0095				7173905
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.0095				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0095				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0107	0.0019	0.0095				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0632	0.0022	0.0095				7173905
233'55'6-HexaCB-(165)	ng/g	0.0047	0.0025	0.0095				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0708	0.0023	0.0095	0.0000300	0.00000212		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0044	0.0025	0.0095	0.0300	0.000132		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.171	0.0023	0.0095				7173905
HeptaCB-(171)+(173)	ng/g	0.0485	0.0027	0.019				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0474	0.0029	0.0095				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0724	0.0025	0.0095				7173905
22'33'45'6-HeptaCB-(175)	ng/g	<0.0060 (1)	0.0060	0.0095				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0074	0.0020	0.0095				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.124	0.0027	0.0095				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.141	0.0027	0.0095				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0547	0.0019	0.0095				7173905
HeptaCB-(180)+(193)	ng/g	0.571	0.0022	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0027	0.0027	0.0095				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0026	0.0026	0.0095				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.187	0.0025	0.0095				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0058	0.0019	0.0095				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0026	0.0026	0.0095				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.0095				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.738	0.0025	0.0095				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0095				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0051 (1)	0.0051	0.0095	0.0000300	0.000000153		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0304	0.0023	0.0095				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0064 (1)	0.0064	0.0095				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0023	0.0023	0.0095				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0502	0.0033	0.0095				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0149	0.0034	0.0095				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0328	0.0037	0.0095				7173905
22'33'44'66'OctaCB-(197)	ng/g	0.0060	0.0029	0.0095				7173905
OctaCB-(198)+(199)	ng/g	0.111	0.0035	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0023	0.0023	0.0095				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0096	0.0026	0.0095				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0454	0.0026	0.0095				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0518	0.0033	0.0095				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0027	0.0027	0.0095				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.0095				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0203	0.0038	0.0095				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.0045	0.0032	0.0095				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0094	0.0039	0.0095				7173905
DecaCB-(209)	ng/g	0.0102	0.0024	0.0095				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000585		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	61						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	101						7173905
C13-22'33'44'5-HeptaCB-(170)	%	113						7173905
C13-22'33'455'66'-NonaCB-(208)	%	102						7173905
C13-22'33'55'66'-OctaCB-(202)	%	128						7173905
C13-22'33'55'6-HeptaCB-(178)	%	81						7173905
C13-22'344'55'-HeptaCB-(180)	%	116						7173905
C13-22'34'566'-HeptaCB-(188)	%	78						7173905
C13-22'44'66'-HexaCB-(155)	%	82						7173905
C13-22'466'-PentaCB-(104)	%	77						7173905
C13-22'66'-TetraCB-(54)	%	80						7173905
C13-22'6-TriCB-(19)	%	78						7173905
C13-22'-DiCB-(4)	%	76						7173905
C13-233'44'55'6-OctaCB-(205)	%	84						7173905
C13-233'44'55'-HeptaCB-(189)	%	77						7173905
C13-233'44'-PentaCB-(105)	%	61						7173905
C13-233'55'-PentaCB-(111)	%	74						7173905
C13-23'44'55'-HexaCB-(167)	%	58						7173905
C13-2344'5-PentaCB-(114)	%	61						7173905
C13-23'44'5-PentaCB-(118)	%	60						7173905
C13-2'344'5-PentaCB-(123)	%	62						7173905
C13-2-MonoCB-(1)	%	61						7173905
C13-33'44'55'-HexaCB-(169)	%	47						7173905
C13-33'44'5-PentaCB-(126)	%	55						7173905
C13-33'44'-TetraCB-(77)	%	60						7173905
C13-344'5-TetraCB-(81)	%	59						7173905
C13-344'-TriCB-(37)	%	54						7173905
C13-44'-DiCB-(15)	%	65						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA190						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-36	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	57						7173905
C13-DecaCB-(209)	%	117						7173905
C13-HexaCB-(156)+(157)	%	59						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00078	0.00078	0.0099				7173905
3-MonoCB-(2)	ng/g	<0.00076	0.00076	0.0099				7173905
4-MonoCB-(3)	ng/g	<0.00077	0.00077	0.0099				7173905
22'-DiCB-(4)	ng/g	<0.0011	0.0011	0.0099				7173905
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0099				7173905
2,3'-DiCB-(6)	ng/g	<0.0017	0.0017	0.0099				7173905
2,4-DiCB-(7)	ng/g	<0.0016	0.0016	0.0099				7173905
2,4'-DiCB-(8)	ng/g	<0.0016	0.0016	0.0099				7173905
2,5-DiCB-(9)	ng/g	<0.0019	0.0019	0.0099				7173905
2,6-DiCB-(10)	ng/g	<0.0011	0.0011	0.0099				7173905
3,3'-DiCB-(11)	ng/g	<0.0034 (1)	0.0034	0.0099				7173905
DiCB-(12)+(13)	ng/g	<0.0017	0.0017	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.0017	0.0017	0.0099				7173905
4,4'-DiCB-(15)	ng/g	<0.0024	0.0024	0.0099				7173905
22'3-TriCB-(16)	ng/g	0.0063	0.0022	0.0099				7173905
22'4-TriCB-(17)	ng/g	0.0069	0.0018	0.0099				7173905
TriCB-(18)+(30)	ng/g	0.0364	0.0015	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099				7173905
TriCB-(20) + (28)	ng/g	0.0976	0.0011	0.020				7173905
TriCB-(21)+(33)	ng/g	0.0070	0.0011	0.020				7173905
234'-TriCB-(22)	ng/g	0.0105	0.0012	0.0099				7173905
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099				7173905
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0099				7173905
23'4-TriCB-(25)	ng/g	0.0014	0.0010	0.0099				7173905
TriCB-(26)+(29)	ng/g	0.0087	0.0012	0.020				7173905
23'6-TriCB-(27)	ng/g	0.0020	0.0015	0.0099				7173905
24'5-TriCB-(31)	ng/g	0.0620	0.0011	0.0099				7173905
24'6-TriCB-(32)	ng/g	0.0013	0.0012	0.0099				7173905
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0099				7173905
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7173905
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0023	0.0017	0.0099				7173905
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099				7173905
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0305	0.0026	0.030				7173905
22'34'-TetraCB-(42)	ng/g	0.0370	0.0026	0.0099				7173905
22'35-TetraCB-(43)	ng/g	0.0094	0.0033	0.0099				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.343	0.0023	0.030				7173905
TetraCB-(45)+(51)	ng/g	<0.0026	0.0026	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0030	0.0030	0.0099				7173905
22'45-TetraCB-(48)	ng/g	0.0129	0.0026	0.0099				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.194	0.0022	0.020				7173905
TetraCB-(50)+(53)	ng/g	<0.0025	0.0025	0.020				7173905
22'55'-TetraCB-(52)	ng/g	0.870	0.0027	0.0099				7173905
22'66'-TetraCB-(54)	ng/g	<0.00032	0.00032	0.0099				7173905
233'4-TetraCB-(55)	ng/g	<0.0027	0.0027	0.0099				7173905
233'4'-Tetra CB(56)	ng/g	0.0200	0.0029	0.0099				7173905
233'5-TetraCB-(57)	ng/g	<0.0027	0.0027	0.0099				7173905
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.0099				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0207	0.0020	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0507	0.0029	0.0099				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.357	0.0026	0.039				7173905
234'5-TetraCB-(63)	ng/g	0.0218	0.0027	0.0099				7173905
234'6-TetraCB-(64)	ng/g	0.0893	0.0020	0.0099				7173905
23'44'-TetraCB-(66)	ng/g	0.197	0.0028	0.0099				7173905
23'45-TetraCB-(67)	ng/g	<0.0025	0.0025	0.0099				7173905
23'45'-TetraCB-(68)	ng/g	0.0160	0.0026	0.0099				7173905
23'55'-TetraCB-(72)	ng/g	0.0105	0.0027	0.0099				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099				7173905
33'44'-TetraCB-(77)	ng/g	0.0112	0.0031	0.0099	0.000100	0.00000112		7173905
33'45-TetraCB-(78)	ng/g	<0.0029	0.0029	0.0099				7173905
33'45'-TetraCB(79)	ng/g	0.0056	0.0026	0.0099				7173905
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0099				7173905
344'5-TetraCB-(81)	ng/g	<0.0030	0.0030	0.0099	0.000300	0.000000900		7173905

EDL = Estimated Detection Limit

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0280	0.0035	0.0099				7173905
PentaCB-(83)+(99)	ng/g	1.64	0.0034	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0572	0.0033	0.0099				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.277	0.0026	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.386	0.0025	0.059				7173905
PentaCB-(88)+(91)	ng/g	0.0912	0.0030	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.51	0.0026	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.316	0.0031	0.0099				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0127	0.0029	0.039				7173905
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0099				7173905
22'35'6-PentaCB-(95)	ng/g	0.538	0.0029	0.0099				7173905
22'366'-PentaCB-(96)	ng/g	<0.00063	0.00063	0.0099				7173905
22'45'6-PentaCB-(103)	ng/g	0.0090	0.0027	0.0099				7173905
22'466'-PentaCB-(104)	ng/g	<0.00053	0.00053	0.0099				7173905
233'44'-PentaCB-(105)	ng/g	0.504	0.0020	0.0099	0.0000300	0.0000151		7173905
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0099				7173905
233'4'5-PentaCB-(107)	ng/g	0.141	0.0017	0.0099				7173905
PentaCB-(108)+(124)	ng/g	0.0251	0.0017	0.020				7173905
PentaCB-(110)+(115)	ng/g	0.786	0.0023	0.020				7173905
233'55'-PentaCB-(111)	ng/g	0.0042	0.0024	0.0099				7173905
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099				7173905
2344'5-PentaCB-(114)	ng/g	0.0255	0.0019	0.0099	0.0000300	0.000000765		7173905
23'44'5-PentaCB-(118)	ng/g	1.60	0.0020	0.0099	0.0000300	0.0000480		7173905
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0099				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0099				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0099				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0244	0.0021	0.0099	0.0000300	0.000000732		7173905
33'44'5-PentaCB-(126)	ng/g	0.0033	0.0019	0.0099	0.100	0.000330		7173905
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0099				7173905
HexaCB-(128)+(166)	ng/g	0.318	0.0027	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	3.07	0.0027	0.030				7173905
22'33'45'-HexaCB-(130)	ng/g	0.119	0.0034	0.0099				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	0.0044	0.0034	0.0099				7173905
22'33'46'-HexaCB-(132)	ng/g	0.224	0.0033	0.0099				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0791	0.0032	0.0099				7173905
HexaCB-(134)+(143)	ng/g	0.0398	0.0032	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.507	0.0041	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0393	0.0032	0.0099				7173905
22'344'5-HexaCB-(137)	ng/g	0.0852	0.0032	0.0099				7173905
HexaCB-(139)+(140)	ng/g	0.0259	0.0028	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.145	0.0028	0.0099				7173905
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099				7173905
22'345'6-HexaCB-(144)	ng/g	0.0350	0.0041	0.0099				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0032	0.0032	0.0099				7173905
22'34'55'-HexaCB-(146)	ng/g	0.641	0.0028	0.0099				7173905
HexaCB-(147)+(149)	ng/g	1.01	0.0027	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	0.0047	0.0042	0.0099				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0031	0.0031	0.0099				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0031	0.0031	0.0099				7173905
HexaCB-(153)+(168)	ng/g	3.79	0.0024	0.0099				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0438	0.0036	0.0099				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0125	0.0023	0.0099				7173905
HexaCB-(156)+(157)	ng/g	0.158	0.0020	0.020	0.0000300	0.00000474		7173905
233'44'6-HexaCB-(158)	ng/g	0.124	0.0022	0.0099				7173905
233'455'-HexaCB-(159)	ng/g	0.0054	0.0016	0.0099				7173905
233'456-HexaCB-(160)	ng/g	<0.0025	0.0025	0.0099				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.0099				7173905
233'4'55'-HexaCB-(162)	ng/g	<0.0061 (1)	0.0061	0.0099				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0990	0.0022	0.0099				7173905
233'55'6-HexaCB-(165)	ng/g	0.0072	0.0025	0.0099				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0783	0.0019	0.0099	0.0000300	0.00000235		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0043 (1)	0.0043	0.0099	0.0300	0.000129		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.168	0.0021	0.0099				7173905
HeptaCB-(171)+(173)	ng/g	0.0604	0.0025	0.020				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0542	0.0027	0.0099				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0826	0.0024	0.0099				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0115	0.0026	0.0099				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0110	0.0019	0.0099				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.196	0.0025	0.0099				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.174	0.0027	0.0099				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0841	0.0019	0.0099				7173905
HeptaCB-(180)+(193)	ng/g	0.635	0.0021	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.0099				7173905
22'344'56'-HeptaCB-(182)	ng/g	0.0052	0.0025	0.0099				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.196	0.0023	0.0099				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0086	0.0018	0.0099				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0024	0.0024	0.0099				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0020	0.0020	0.0099				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.879	0.0025	0.0099				7173905
22'34'566'-HeptaCB-(188)	ng/g	0.0032	0.0022	0.0099				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0076	0.0036	0.0099	0.0000300	0.000000228		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0378	0.0022	0.0099				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0081	0.0020	0.0099				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0099				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0604	0.0037	0.0099				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0168	0.0039	0.0099				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0429	0.0039	0.0099				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0056 (1)	0.0056	0.0099				7173905
OctaCB-(198)+(199)	ng/g	0.118	0.0037	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0047 (1)	0.0047	0.0099				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0145	0.0027	0.0099				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0604	0.0028	0.0099				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0602	0.0035	0.0099				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0028	0.0028	0.0099				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0036	0.0036	0.0099				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0243	0.0037	0.0099				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	0.0052	0.0031	0.0099				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0142	0.0038	0.0099				7173905
DecaCB-(209)	ng/g	0.0120	0.0029	0.0099				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000533		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	62						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	100						7173905
C13-22'33'44'5-HeptaCB-(170)	%	104						7173905
C13-22'33'455'66'-NonaCB-(208)	%	96						7173905
C13-22'33'55'66'-OctaCB-(202)	%	118						7173905
C13-22'33'55'6-HeptaCB-(178)	%	88						7173905
C13-22'344'55'-HeptaCB-(180)	%	104						7173905
C13-22'34'566'-HeptaCB-(188)	%	79						7173905
C13-22'44'66'-HexaCB-(155)	%	85						7173905
C13-22'466'-PentaCB-(104)	%	77						7173905
C13-22'66'-TetraCB-(54)	%	73						7173905
C13-22'6-TriCB-(19)	%	76						7173905
C13-22'-DiCB-(4)	%	74						7173905
C13-233'44'55'6-OctaCB-(205)	%	83						7173905
C13-233'44'55'-HeptaCB-(189)	%	79						7173905
C13-233'44'-PentaCB-(105)	%	58						7173905
C13-233'55'-PentaCB-(111)	%	79						7173905
C13-23'44'55'-HexaCB-(167)	%	60						7173905
C13-2344'5-PentaCB-(114)	%	58						7173905
C13-23'44'5-PentaCB-(118)	%	59						7173905
C13-2'344'5-PentaCB-(123)	%	60						7173905
C13-2-MonoCB-(1)	%	59						7173905
C13-33'44'55'-HexaCB-(169)	%	46						7173905
C13-33'44'5-PentaCB-(126)	%	52						7173905
C13-33'44'-TetraCB-(77)	%	55						7173905
C13-344'5-TetraCB-(81)	%	56						7173905
C13-344'-TriCB-(37)	%	55						7173905
C13-44'-DiCB-(15)	%	65						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA191						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-37	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	57						7173905
C13-DecaCB-(209)	%	109						7173905
C13-HexaCB-(156)+(157)	%	61						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00044	0.00044	0.0094				7173905
3-MonoCB-(2)	ng/g	<0.00043	0.00043	0.0094				7173905
4-MonoCB-(3)	ng/g	<0.00044	0.00044	0.0094				7173905
22'-DiCB-(4)	ng/g	<0.00079	0.00079	0.0094				7173905
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.0094				7173905
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.0094				7173905
2,4-DiCB-(7)	ng/g	<0.00094	0.00094	0.0094				7173905
2,4'-DiCB-(8)	ng/g	<0.0025 (1)	0.0025	0.0094				7173905
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.0094				7173905
2,6-DiCB-(10)	ng/g	<0.00075	0.00075	0.0094				7173905
3,3'-DiCB-(11)	ng/g	<0.0031 (1)	0.0031	0.0094				7173905
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.0094				7173905
4,4'-DiCB-(15)	ng/g	<0.0028 (1)	0.0028	0.0094				7173905
22'3-TriCB-(16)	ng/g	<0.0021	0.0021	0.0094				7173905
22'4-TriCB-(17)	ng/g	0.0024	0.0017	0.0094				7173905
TriCB-(18)+(30)	ng/g	0.0277	0.0014	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0094				7173905
TriCB-(20) + (28)	ng/g	0.127	0.0011	0.019				7173905
TriCB-(21)+(33)	ng/g	<0.0052 (1)	0.0052	0.019				7173905
234'-TriCB-(22)	ng/g	0.0136	0.0012	0.0094				7173905
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0094				7173905
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0094				7173905
23'4-TriCB-(25)	ng/g	0.0017	0.0010	0.0094				7173905
TriCB-(26)+(29)	ng/g	0.0051	0.0012	0.019				7173905
23'6-TriCB-(27)	ng/g	0.0029	0.0014	0.0094				7173905
24'5-TriCB-(31)	ng/g	0.105	0.0011	0.0094				7173905
24'6-TriCB-(32)	ng/g	0.0053	0.0012	0.0094				7173905
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0094				7173905
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0094				7173905
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0094				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0063	0.0018	0.0094				7173905
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0094				7173905
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0094				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0272	0.0021	0.028				7173905
22'34'-TetraCB-(42)	ng/g	0.0240	0.0021	0.0094				7173905
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0094				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.212	0.0018	0.028				7173905
TetraCB-(45)+(51)	ng/g	0.0027	0.0021	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0094				7173905
22'45-TetraCB-(48)	ng/g	0.0155	0.0021	0.0094				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.110	0.0017	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0066	0.0020	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.534	0.0021	0.0094				7173905
22'66'-TetraCB-(54)	ng/g	<0.00054	0.00054	0.0094				7173905
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0094				7173905
233'4'-Tetra CB(56)	ng/g	0.0304	0.0018	0.0094				7173905
233'5-TetraCB-(57)	ng/g	<0.0017	0.0017	0.0094				7173905
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0094				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0096	0.0016	0.028				7173905
2344'-TetraCB -(60)	ng/g	0.0517	0.0018	0.0094				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.416	0.0016	0.037				7173905
234'5-TetraCB-(63)	ng/g	0.0209	0.0016	0.0094				7173905
234'6-TetraCB-(64)	ng/g	0.0647	0.0016	0.0094				7173905
23'44'-TetraCB-(66)	ng/g	0.240	0.0017	0.0094				7173905
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0094				7173905
23'45'-TetraCB-(68)	ng/g	0.0087	0.0016	0.0094				7173905
23'55'-TetraCB-(72)	ng/g	0.0059	0.0017	0.0094				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0015	0.0015	0.0094				7173905
33'44'-TetraCB-(77)	ng/g	0.0108	0.0019	0.0094	0.000100	0.00000108		7173905
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0094				7173905
33'45'-TetraCB(79)	ng/g	0.0030	0.0016	0.0094				7173905
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0094				7173905
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0094	0.000300	0.000000570		7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0091 (1)	0.0091	0.0094				7173905
PentaCB-(83)+(99)	ng/g	1.05	0.0024	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0347	0.0024	0.0094				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.178	0.0018	0.028				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.179	0.0018	0.056				7173905
PentaCB-(88)+(91)	ng/g	0.0417	0.0021	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0023	0.0023	0.0094				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.09	0.0018	0.028				7173905
22'355'-PentaCB-(92)	ng/g	0.158	0.0022	0.0094				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0055	0.0020	0.037				7173905
22'356'-PentaCB-(94)	ng/g	<0.0023	0.0023	0.0094				7173905
22'35'6-PentaCB-(95)	ng/g	0.199	0.0021	0.0094				7173905
22'366'-PentaCB-(96)	ng/g	<0.00049	0.00049	0.0094				7173905
22'45'6-PentaCB-(103)	ng/g	0.0044	0.0019	0.0094				7173905
22'466'-PentaCB-(104)	ng/g	<0.00042	0.00042	0.0094				7173905
233'44'-PentaCB-(105)	ng/g	0.328	0.0026	0.0094	0.0000300	0.00000984		7173905
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.0094				7173905
233'4'5-PentaCB-(107)	ng/g	0.0780	0.0021	0.0094				7173905
PentaCB-(108)+(124)	ng/g	0.0176	0.0021	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.401	0.0016	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0094				7173905
233'56-PentaCB-(112)	ng/g	<0.0014	0.0014	0.0094				7173905
2344'5-PentaCB-(114)	ng/g	0.0222	0.0025	0.0094	0.0000300	0.000000666		7173905
23'44'5-PentaCB-(118)	ng/g	1.02	0.0025	0.0094	0.0000300	0.0000306		7173905
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0094				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0094				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0024	0.0024	0.0094				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0156	0.0027	0.0094	0.0000300	0.000000468		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.0094	0.100	0.000240		7173905
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.0094				7173905
HexaCB-(128)+(166)	ng/g	0.210	0.0023	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	2.15	0.0023	0.028				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0762	0.0029	0.0094				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0029	0.0029	0.0094				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0919	0.0028	0.0094				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0523	0.0027	0.0094				7173905
HexaCB-(134)+(143)	ng/g	0.0128	0.0027	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.206	0.0052	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0152	0.0040	0.0094				7173905
22'344'5-HexaCB-(137)	ng/g	0.0596	0.0028	0.0094				7173905
HexaCB-(139)+(140)	ng/g	0.0054	0.0024	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0566	0.0024	0.0094				7173905
22'3456-HexaCB-(142)	ng/g	<0.0027	0.0027	0.0094				7173905
22'345'6-HexaCB-(144)	ng/g	0.0163	0.0051	0.0094				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0040	0.0040	0.0094				7173905
22'34'55'-HexaCB-(146)	ng/g	0.471	0.0023	0.0094				7173905
HexaCB-(147)+(149)	ng/g	0.587	0.0023	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0052	0.0052	0.0094				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0039	0.0039	0.0094				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0039	0.0039	0.0094				7173905
HexaCB-(153)+(168)	ng/g	2.47	0.0020	0.0094				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0186	0.0045	0.0094				7173905
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0094				7173905
HexaCB-(156)+(157)	ng/g	0.110	0.0022	0.019	0.0000300	0.00000330		7173905
233'44'6-HexaCB-(158)	ng/g	0.0781	0.0018	0.0094				7173905
233'455'-HexaCB-(159)	ng/g	<0.0018	0.0018	0.0094				7173905
233'456-HexaCB-(160)	ng/g	<0.0021	0.0021	0.0094				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0019	0.0019	0.0094				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0049	0.0018	0.0094				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0294	0.0019	0.0094				7173905
233'55'6-HexaCB-(165)	ng/g	0.0042	0.0021	0.0094				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0340	0.0021	0.0094	0.0000300	0.00000102		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0094	0.0300	0.0000690		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0919	0.0022	0.0094				7173905
HeptaCB-(171)+(173)	ng/g	0.0295	0.0025	0.019				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0349	0.0027	0.0094				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0425	0.0024	0.0094				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0048	0.0025	0.0094				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0037	0.0019	0.0094				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0948	0.0026	0.0094				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.110	0.0026	0.0094				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0287	0.0018	0.0094				7173905
HeptaCB-(180)+(193)	ng/g	0.367	0.0021	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.0094				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0024	0.0024	0.0094				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.110	0.0024	0.0094				7173905
22'344'66'-HeptaCB-(184)	ng/g	<0.0018	0.0018	0.0094				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0094				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0019	0.0019	0.0094				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.617	0.0024	0.0094				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0021	0.0021	0.0094				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0059	0.0023	0.0094	0.0000300	0.000000177		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0293	0.0022	0.0094				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0059	0.0020	0.0094				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0094				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0352	0.0032	0.0094				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0085	0.0033	0.0094				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0253	0.0030	0.0094				7173905
22'33'44'66'OctaCB-(197)	ng/g	0.0044	0.0024	0.0094				7173905
OctaCB-(198)+(199)	ng/g	0.0635	0.0029	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0019	0.0019	0.0094				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0044	0.0021	0.0094				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0387	0.0022	0.0094				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0372	0.0027	0.0094				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0022	0.0022	0.0094				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0031	0.0031	0.0094				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0139	0.0038	0.0094				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0032	0.0032	0.0094				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0059	0.0039	0.0094				7173905
DecaCB-(209)	ng/g	<0.0052 (1)	0.0052	0.0094				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000357		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	124						7173905
C13-22'33'44'5-HeptaCB-(170)	%	128						7173905
C13-22'33'455'66'-NonaCB-(208)	%	121						7173905
C13-22'33'55'66'-OctaCB-(202)	%	137						7173905
C13-22'33'55'6-HeptaCB-(178)	%	109						7173905
C13-22'344'55'-HeptaCB-(180)	%	129						7173905
C13-22'34'566'-HeptaCB-(188)	%	94						7173905
C13-22'44'66'-HexaCB-(155)	%	105						7173905
C13-22'466'-PentaCB-(104)	%	93						7173905
C13-22'66'-TetraCB-(54)	%	93						7173905
C13-22'6-TriCB-(19)	%	91						7173905
C13-22'-DiCB-(4)	%	91						7173905
C13-233'44'55'6-OctaCB-(205)	%	102						7173905
C13-233'44'55'-HeptaCB-(189)	%	94						7173905
C13-233'44'-PentaCB-(105)	%	74						7173905
C13-233'55'-PentaCB-(111)	%	101						7173905
C13-23'44'55'-HexaCB-(167)	%	77						7173905
C13-2344'5-PentaCB-(114)	%	73						7173905
C13-23'44'5-PentaCB-(118)	%	75						7173905
C13-2'344'5-PentaCB-(123)	%	74						7173905
C13-2-MonoCB-(1)	%	69						7173905
C13-33'44'55'-HexaCB-(169)	%	61						7173905
C13-33'44'5-PentaCB-(126)	%	68						7173905
C13-33'44'-TetraCB-(77)	%	71						7173905
C13-344'5-TetraCB-(81)	%	73						7173905
C13-344'-TriCB-(37)	%	66						7173905
C13-44'-DiCB-(15)	%	83						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA192						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	69						7173905
C13-DecaCB-(209)	%	131						7173905
C13-HexaCB-(156)+(157)	%	77						7173905

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Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00065	0.00065	0.010				7173905
3-MonoCB-(2)	ng/g	<0.00064	0.00064	0.010				7173905
4-MonoCB-(3)	ng/g	<0.00064	0.00064	0.010				7173905
22'-DiCB-(4)	ng/g	<0.00083	0.00083	0.010				7173905
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010				7173905
2,3'-DiCB-(6)	ng/g	<0.0010	0.0010	0.010				7173905
2,4-DiCB-(7)	ng/g	<0.00095	0.00095	0.010				7173905
2,4'-DiCB-(8)	ng/g	<0.0025 (1)	0.0025	0.010				7173905
2,5-DiCB-(9)	ng/g	<0.0011	0.0011	0.010				7173905
2,6-DiCB-(10)	ng/g	<0.00079	0.00079	0.010				7173905
3,3'-DiCB-(11)	ng/g	<0.0039 (1)	0.0039	0.010				7173905
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.0010	0.0010	0.010				7173905
4,4'-DiCB-(15)	ng/g	<0.0014 (1)	0.0014	0.010				7173905
22'3-TriCB-(16)	ng/g	0.0041	0.0018	0.010				7173905
22'4-TriCB-(17)	ng/g	0.0046	0.0015	0.010				7173905
TriCB-(18)+(30)	ng/g	0.0189	0.0012	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010				7173905
TriCB-(20) + (28)	ng/g	0.0966	0.0015	0.020				7173905
TriCB-(21)+(33)	ng/g	0.0052	0.0015	0.020				7173905
234'-TriCB-(22)	ng/g	0.0123	0.0016	0.010				7173905
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.010				7173905
236-TriCB-(24)	ng/g	<0.0011	0.0011	0.010				7173905
23'4-TriCB-(25)	ng/g	0.0020	0.0013	0.010				7173905
TriCB-(26)+(29)	ng/g	0.0068	0.0015	0.020				7173905
23'6-TriCB-(27)	ng/g	<0.0012	0.0012	0.010				7173905
24'5-TriCB-(31)	ng/g	0.0523	0.0014	0.010				7173905
24'6-TriCB-(32)	ng/g	0.0020	0.0010	0.010				7173905
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.010				7173905
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.010				7173905
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.010				7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0035	0.0022	0.010				7173905
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.010				7173905
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.010				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0135	0.0013	0.030				7173905
22'34'-TetraCB-(42)	ng/g	0.0182	0.0013	0.010				7173905
22'35-TetraCB-(43)	ng/g	0.0024	0.0016	0.010				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.164	0.0011	0.030				7173905
TetraCB-(45)+(51)	ng/g	0.0026	0.0013	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0015	0.0015	0.010				7173905
22'45-TetraCB-(48)	ng/g	0.0042	0.0013	0.010				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.109	0.0011	0.020				7173905
TetraCB-(50)+(53)	ng/g	0.0035	0.0012	0.020				7173905
22'55'-TetraCB-(52)	ng/g	0.431	0.0013	0.010				7173905
22'66'-TetraCB-(54)	ng/g	<0.00049	0.00049	0.010				7173905
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.010				7173905
233'4'-Tetra CB(56)	ng/g	0.0184	0.0026	0.010				7173905
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.010				7173905
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.010				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.00962	0.00099	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0423	0.0026	0.010				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.281	0.0024	0.040				7173905
234'5-TetraCB-(63)	ng/g	0.0138	0.0024	0.010				7173905
234'6-TetraCB-(64)	ng/g	0.0547	0.00098	0.010				7173905
23'44'-TetraCB-(66)	ng/g	0.177	0.0025	0.010				7173905
23'45-TetraCB-(67)	ng/g	<0.0022	0.0022	0.010				7173905
23'45'-TetraCB-(68)	ng/g	0.0124	0.0023	0.010				7173905
23'55'-TetraCB-(72)	ng/g	0.0060	0.0024	0.010				7173905
23'5'6-TetraCB-(73)	ng/g	<0.00091	0.00091	0.010				7173905
33'44'-TetraCB-(77)	ng/g	0.0114	0.0028	0.010	0.000100	0.00000114		7173905
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.010				7173905
33'45'-TetraCB(79)	ng/g	0.0027	0.0023	0.010				7173905
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.010				7173905
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.010	0.000300	0.000000810		7173905

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0137	0.0031	0.010				7173905
PentaCB-(83)+(99)	ng/g	1.00	0.0031	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0265	0.0030	0.010				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.147	0.0023	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.204	0.0023	0.060				7173905
PentaCB-(88)+(91)	ng/g	0.0464	0.0027	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.010				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.783	0.0023	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.146	0.0028	0.010				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0072	0.0026	0.040				7173905
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.010				7173905
22'35'6-PentaCB-(95)	ng/g	0.230	0.0026	0.010				7173905
22'366'-PentaCB-(96)	ng/g	<0.00050	0.00050	0.010				7173905
22'45'6-PentaCB-(103)	ng/g	0.0057	0.0025	0.010				7173905
22'466'-PentaCB-(104)	ng/g	<0.00043	0.00043	0.010				7173905
233'44'-PentaCB-(105)	ng/g	0.324	0.0015	0.010	0.0000300	0.00000972		7173905
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.010				7173905
233'4'5-PentaCB-(107)	ng/g	0.0871	0.0013	0.010				7173905
PentaCB-(108)+(124)	ng/g	0.0167	0.0013	0.020				7173905
PentaCB-(110)+(115)	ng/g	0.419	0.0021	0.020				7173905
233'55'-PentaCB-(111)	ng/g	0.0028	0.0021	0.010				7173905
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.010				7173905
2344'5-PentaCB-(114)	ng/g	0.0175	0.0015	0.010	0.0000300	0.000000525		7173905
23'44'5-PentaCB-(118)	ng/g	0.991	0.0015	0.010	0.0000300	0.0000297		7173905
23'455'-PentaCB-(120)	ng/g	0.0049	0.0021	0.010				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0021	0.0021	0.010				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.010				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0163	0.0016	0.010	0.0000300	0.000000489		7173905
33'44'5-PentaCB-(126)	ng/g	0.0028	0.0014	0.010	0.100	0.000280		7173905
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.010				7173905
HexaCB-(128)+(166)	ng/g	0.204	0.0020	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	1.90	0.0021	0.030				7173905
22'33'45'-HexaCB-(130)	ng/g	0.0660	0.0026	0.010				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0026	0.0026	0.010				7173905
22'33'46'-HexaCB-(132)	ng/g	0.102	0.0025	0.010				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0421	0.0024	0.010				7173905
HexaCB-(134)+(143)	ng/g	0.0135	0.0024	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.215	0.0038	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0178	0.0029	0.010				7173905
22'344'5-HexaCB-(137)	ng/g	0.0581	0.0025	0.010				7173905
HexaCB-(139)+(140)	ng/g	0.0147	0.0021	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.0847	0.0022	0.010				7173905
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.010				7173905
22'345'6-HexaCB-(144)	ng/g	0.0195	0.0037	0.010				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0029	0.0029	0.010				7173905
22'34'55'-HexaCB-(146)	ng/g	0.353	0.0021	0.010				7173905
HexaCB-(147)+(149)	ng/g	0.447	0.0021	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0038	0.0038	0.010				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0028	0.0028	0.010				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0028	0.0028	0.010				7173905
HexaCB-(153)+(168)	ng/g	2.61	0.0018	0.010				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0252	0.0033	0.010				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0054	0.0021	0.010				7173905
HexaCB-(156)+(157)	ng/g	0.115	0.0024	0.020	0.0000300	0.00000345		7173905
233'44'6-HexaCB-(158)	ng/g	0.0801	0.0016	0.010				7173905
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.010				7173905
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.010				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.010				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0077	0.0019	0.010				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0374	0.0017	0.010				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.010				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0483	0.0023	0.010	0.0000300	0.00000145		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0039	0.0024	0.010	0.0300	0.000117		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.126	0.0022	0.010				7173905
HeptaCB-(171)+(173)	ng/g	0.0331	0.0025	0.020				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0316	0.0027	0.010				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0369	0.0024	0.010				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0054	0.0022	0.010				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0049	0.0017	0.010				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0695	0.0026	0.010				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0806	0.0023	0.010				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0288	0.0016	0.010				7173905
HeptaCB-(180)+(193)	ng/g	0.401	0.0021	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0025	0.0025	0.010				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0022	0.0022	0.010				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.121	0.0024	0.010				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0035	0.0016	0.010				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.010				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0017	0.0017	0.010				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.481	0.0021	0.010				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.010				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0053	0.0012	0.010	0.0000300	0.000000159		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0276	0.0022	0.010				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0071	0.0020	0.010				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.010				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0411	0.0043	0.010				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0129	0.0045	0.010				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0239	0.0040	0.010				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0035 (1)	0.0035	0.010				7173905
OctaCB-(198)+(199)	ng/g	0.0689	0.0039	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0025	0.0025	0.010				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0054	0.0028	0.010				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0280	0.0029	0.010				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0432	0.0036	0.010				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0029	0.0029	0.010				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0042	0.0042	0.010				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0156	0.0043	0.010				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0036	0.0036	0.010				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	0.0061	0.0044	0.010				7173905
DecaCB-(209)	ng/g	0.0086	0.0016	0.010				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000444		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	101						7173905
C13-22'33'44'5-HeptaCB-(170)	%	112						7173905
C13-22'33'455'66'-NonaCB-(208)	%	107						7173905
C13-22'33'55'66'-OctaCB-(202)	%	121						7173905
C13-22'33'55'6-HeptaCB-(178)	%	84						7173905
C13-22'344'55'-HeptaCB-(180)	%	108						7173905
C13-22'34'566'-HeptaCB-(188)	%	83						7173905
C13-22'44'66'-HexaCB-(155)	%	91						7173905
C13-22'466'-PentaCB-(104)	%	85						7173905
C13-22'66'-TetraCB-(54)	%	78						7173905
C13-22'6-TriCB-(19)	%	80						7173905
C13-22'-DiCB-(4)	%	74						7173905
C13-233'44'55'6-OctaCB-(205)	%	87						7173905
C13-233'44'55'-HeptaCB-(189)	%	85						7173905
C13-233'44'-PentaCB-(105)	%	62						7173905
C13-233'55'-PentaCB-(111)	%	81						7173905
C13-23'44'55'-HexaCB-(167)	%	65						7173905
C13-2344'5-PentaCB-(114)	%	62						7173905
C13-23'44'5-PentaCB-(118)	%	63						7173905
C13-2'344'5-PentaCB-(123)	%	61						7173905
C13-2-MonoCB-(1)	%	55						7173905
C13-33'44'55'-HexaCB-(169)	%	50						7173905
C13-33'44'5-PentaCB-(126)	%	57						7173905
C13-33'44'-TetraCB-(77)	%	60						7173905
C13-344'5-TetraCB-(81)	%	60						7173905
C13-344'-TriCB-(37)	%	57						7173905
C13-44'-DiCB-(15)	%	71						7173905
C13-4-MonoCB-(3)	%	57						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA193						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	112						7173905
C13-HexaCB-(156)+(157)	%	63						7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00042	0.00042	0.0097				7173905
3-MonoCB-(2)	ng/g	<0.00041	0.00041	0.0097				7173905
4-MonoCB-(3)	ng/g	<0.00041	0.00041	0.0097				7173905
22'-DiCB-(4)	ng/g	<0.00089	0.00089	0.0097				7173905
2,3-DiCB-(5)	ng/g	<0.0016	0.0016	0.0097				7173905
2,3'-DiCB-(6)	ng/g	<0.0015	0.0015	0.0097				7173905
2,4-DiCB-(7)	ng/g	<0.0013	0.0013	0.0097				7173905
2,4'-DiCB-(8)	ng/g	<0.0014	0.0014	0.0097				7173905
2,5-DiCB-(9)	ng/g	<0.0016	0.0016	0.0097				7173905
2,6-DiCB-(10)	ng/g	<0.00085	0.00085	0.0097				7173905
3,3'-DiCB-(11)	ng/g	<0.0034 (1)	0.0034	0.0097				7173905
DiCB-(12)+(13)	ng/g	<0.0014	0.0014	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0014	0.0014	0.0097				7173905
4,4'-DiCB-(15)	ng/g	<0.0020	0.0020	0.0097				7173905
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0097				7173905
22'4-TriCB-(17)	ng/g	0.0028	0.0020	0.0097				7173905
TriCB-(18)+(30)	ng/g	0.0116	0.0017	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0097				7173905
TriCB-(20) + (28)	ng/g	0.0464	0.0012	0.019				7173905
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.019				7173905
234'-TriCB-(22)	ng/g	0.0066	0.0013	0.0097				7173905
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.0097				7173905
236-TriCB-(24)	ng/g	<0.0014	0.0014	0.0097				7173905
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0097				7173905
TriCB-(26)+(29)	ng/g	0.0041	0.0013	0.019				7173905
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0097				7173905
24'5-TriCB-(31)	ng/g	0.0387	0.0012	0.0097				7173905
24'6-TriCB-(32)	ng/g	<0.0014	0.0014	0.0097				7173905
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0097				7173905
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.0097				7173905
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.0097				7173905

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0023	0.0019	0.0097				7173905
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.0097				7173905
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0097				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0065	0.0020	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0067	0.0020	0.0097				7173905
22'35-TetraCB-(43)	ng/g	<0.0026	0.0026	0.0097				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.0658	0.0018	0.029				7173905
TetraCB-(45)+(51)	ng/g	<0.0020	0.0020	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0023	0.0023	0.0097				7173905
22'45-TetraCB-(48)	ng/g	0.0024	0.0020	0.0097				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0388	0.0017	0.019				7173905
TetraCB-(50)+(53)	ng/g	<0.0024 (1)	0.0024	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.162	0.0021	0.0097				7173905
22'66'-TetraCB-(54)	ng/g	<0.00027	0.00027	0.0097				7173905
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.0097				7173905
233'4'-Tetra CB(56)	ng/g	0.0094	0.0026	0.0097				7173905
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.0097				7173905
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.0097				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0047	0.0015	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0183	0.0026	0.0097				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.145	0.0024	0.039				7173905
234'5-TetraCB-(63)	ng/g	0.0062	0.0024	0.0097				7173905
234'6-TetraCB-(64)	ng/g	0.0244	0.0015	0.0097				7173905
23'44'-TetraCB-(66)	ng/g	0.0787	0.0025	0.0097				7173905
23'45-TetraCB-(67)	ng/g	<0.0023	0.0023	0.0097				7173905
23'45'-TetraCB-(68)	ng/g	0.0056	0.0023	0.0097				7173905
23'55'-TetraCB-(72)	ng/g	0.0027	0.0024	0.0097				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0097				7173905
33'44'-TetraCB-(77)	ng/g	0.0057	0.0028	0.0097	0.000100	0.000000570		7173905
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.0097				7173905
33'45'-TetraCB(79)	ng/g	<0.0024	0.0024	0.0097				7173905
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.0097				7173905

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0097	0.000300	0.000000810		7173905
22'33'4-PentaCB-(82)	ng/g	0.0058	0.0029	0.0097				7173905
PentaCB-(83)+(99)	ng/g	0.271	0.0028	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0183	0.0028	0.0097				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.0443	0.0021	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0836	0.0021	0.058				7173905
PentaCB-(88)+(91)	ng/g	0.0182	0.0025	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0026	0.0026	0.0097				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.308	0.0021	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.0567	0.0026	0.0097				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.039				7173905
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0097				7173905
22'35'6-PentaCB-(95)	ng/g	0.101	0.0024	0.0097				7173905
22'366'-PentaCB-(96)	ng/g	<0.00024	0.00024	0.0097				7173905
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0097				7173905
22'466'-PentaCB-(104)	ng/g	<0.00021	0.00021	0.0097				7173905
233'44'-PentaCB-(105)	ng/g	0.0845	0.0013	0.0097	0.0000300	0.00000254		7173905
233'45-PentaCB-(106)	ng/g	<0.0011	0.0011	0.0097				7173905
233'4'5-PentaCB-(107)	ng/g	0.0287	0.0011	0.0097				7173905
PentaCB-(108)+(124)	ng/g	0.0087	0.0011	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.182	0.0019	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0020	0.0020	0.0097				7173905
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0097				7173905
2344'5-PentaCB-(114)	ng/g	0.0056	0.0013	0.0097	0.0000300	0.000000168		7173905
23'44'5-PentaCB-(118)	ng/g	0.300	0.0013	0.0097	0.0000300	0.00000900		7173905
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0097				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0097				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0013	0.0013	0.0097				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0070	0.0014	0.0097	0.0000300	0.000000210		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0013	0.0013	0.0097	0.100	0.000130		7173905
33'455'-PentaCB-(127)	ng/g	<0.0012	0.0012	0.0097				7173905
HexaCB-(128)+(166)	ng/g	0.0483	0.0021	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	0.487	0.0021	0.029				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'-HexaCB-(130)	ng/g	0.0219	0.0027	0.0097				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0027	0.0027	0.0097				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0373	0.0026	0.0097				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0114	0.0025	0.0097				7173905
HexaCB-(134)+(143)	ng/g	0.0080	0.0025	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.0897	0.0051	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0086	0.0039	0.0097				7173905
22'344'5-HexaCB-(137)	ng/g	0.0167	0.0025	0.0097				7173905
HexaCB-(139)+(140)	ng/g	0.0034	0.0022	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0324	0.0022	0.0097				7173905
22'3456-HexaCB-(142)	ng/g	<0.0025	0.0025	0.0097				7173905
22'345'6-HexaCB-(144)	ng/g	0.0079	0.0050	0.0097				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0097				7173905
22'34'55'-HexaCB-(146)	ng/g	0.101	0.0022	0.0097				7173905
HexaCB-(147)+(149)	ng/g	0.209	0.0021	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0051	0.0051	0.0097				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0038	0.0038	0.0097				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0038	0.0038	0.0097				7173905
HexaCB-(153)+(168)	ng/g	0.579	0.0019	0.0097				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0049	0.0044	0.0097				7173905
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0097				7173905
HexaCB-(156)+(157)	ng/g	0.0274	0.0034	0.019	0.0000300	0.000000822		7173905
233'44'6-HexaCB-(158)	ng/g	0.0216	0.0017	0.0097				7173905
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.0097				7173905
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0097				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0018	0.0018	0.0097				7173905
233'4'55'-HexaCB-(162)	ng/g	<0.0027	0.0027	0.0097				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0140	0.0017	0.0097				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0097				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0143	0.0032	0.0097	0.0000300	0.000000429		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0035	0.0035	0.0097	0.0300	0.000105		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0264	0.0019	0.0097				7173905
HeptaCB-(171)+(173)	ng/g	0.0113	0.0022	0.019				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'-HeptaCB-(172)	ng/g	0.0086	0.0024	0.0097				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0230	0.0021	0.0097				7173905
22'33'45'6-HeptaCB-(175)	ng/g	0.0023	0.0020	0.0097				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0023	0.0015	0.0097				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0304	0.0022	0.0097				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0272	0.0021	0.0097				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0157	0.0015	0.0097				7173905
HeptaCB-(180)+(193)	ng/g	0.0926	0.0018	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0097				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0020	0.0020	0.0097				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0327	0.0020	0.0097				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0019	0.0014	0.0097				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0021	0.0021	0.0097				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0016	0.0016	0.0097				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.146	0.0019	0.0097				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0017	0.0017	0.0097				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0017	0.0017	0.0097	0.0000300	0.0000000510		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0071	0.0019	0.0097				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0017	0.0017	0.0097				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0018	0.0018	0.0097				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0093	0.0020	0.0097				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0029	0.0021	0.0097				7173905
22'33'44'56'-OctaCB-(196)	ng/g	<0.0059 (1)	0.0059	0.0097				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0027	0.0027	0.0097				7173905
OctaCB-(198)+(199)	ng/g	0.0197	0.0033	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0021	0.0021	0.0097				7173905
22'33'45'66'-OctaCB-(201)	ng/g	<0.0024	0.0024	0.0097				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0102	0.0024	0.0097				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0104	0.0030	0.0097				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0025	0.0025	0.0097				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0020	0.0020	0.0097				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0042 (1)	0.0042	0.0097				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.0097				7173905
22'33'455'66'-NonaCB-(208)	ng/g	<0.0027	0.0027	0.0097				7173905
DecaCB-(209)	ng/g	<0.0026	0.0026	0.0097				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000250		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	64						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	93						7173905
C13-22'33'44'5-HeptaCB-(170)	%	99						7173905
C13-22'33'455'66'-NonaCB-(208)	%	99						7173905
C13-22'33'55'66'-OctaCB-(202)	%	109						7173905
C13-22'33'55'6-HeptaCB-(178)	%	89						7173905
C13-22'344'55'-HeptaCB-(180)	%	100						7173905
C13-22'34'566'-HeptaCB-(188)	%	79						7173905
C13-22'44'66'-HexaCB-(155)	%	82						7173905
C13-22'466'-PentaCB-(104)	%	73						7173905
C13-22'66'-TetraCB-(54)	%	73						7173905
C13-22'6-TriCB-(19)	%	77						7173905
C13-22'-DiCB-(4)	%	77						7173905
C13-233'44'55'6-OctaCB-(205)	%	84						7173905
C13-233'44'55'-HeptaCB-(189)	%	78						7173905
C13-233'44'-PentaCB-(105)	%	61						7173905
C13-233'55'-PentaCB-(111)	%	83						7173905
C13-23'44'55'-HexaCB-(167)	%	65						7173905
C13-2344'5-PentaCB-(114)	%	62						7173905
C13-23'44'5-PentaCB-(118)	%	61						7173905
C13-2'344'5-PentaCB-(123)	%	61						7173905
C13-2-MonoCB-(1)	%	62						7173905
C13-33'44'55'-HexaCB-(169)	%	53						7173905
C13-33'44'5-PentaCB-(126)	%	58						7173905
C13-33'44'-TetraCB-(77)	%	60						7173905
C13-344'5-TetraCB-(81)	%	60						7173905
C13-344'-TriCB-(37)	%	56						7173905
C13-44'-DiCB-(15)	%	67						7173905

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA194						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-4-MonoCB-(3)	%	57						7173905
C13-DecaCB-(209)	%	104						7173905
C13-HexaCB-(156)+(157)	%	64						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0096				7173905
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.0096				7173905
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0096				7173905
22'-DiCB-(4)	ng/g	<0.0044	0.0044	0.0096				7173905
2,3-DiCB-(5)	ng/g	<0.00097	0.00097	0.0096				7173905
2,3'-DiCB-(6)	ng/g	0.00147	0.00096	0.0096				7173905
2,4-DiCB-(7)	ng/g	<0.00092	0.00092	0.0096				7173905
2,4'-DiCB-(8)	ng/g	0.00409	0.00097	0.0096				7173905
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.0096				7173905
2,6-DiCB-(10)	ng/g	<0.0049	0.0049	0.0096				7173905
3,3'-DiCB-(11)	ng/g	0.0047	0.0011	0.0096				7173905
DiCB-(12)+(13)	ng/g	<0.0010	0.0010	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.00099	0.00099	0.0096				7173905
4,4'-DiCB-(15)	ng/g	<0.0017	0.0017	0.0096				7173905
22'3-TriCB-(16)	ng/g	0.0118	0.0061	0.0096				7173905
22'4-TriCB-(17)	ng/g	0.0078	0.0039	0.0096				7173905
TriCB-(18)+(30)	ng/g	0.0453	0.0031	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0031	0.0031	0.0096				7173905
TriCB-(20) + (28)	ng/g	0.152	0.0015	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0115	0.0014	0.019				7173905
234'-TriCB-(22)	ng/g	0.0208	0.0015	0.0096				7173905
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0096				7173905
236-TriCB-(24)	ng/g	<0.0025	0.0025	0.0096				7173905
23'4-TriCB-(25)	ng/g	0.0046	0.0015	0.0096				7173905
TriCB-(26)+(29)	ng/g	0.0164	0.0015	0.019				7173905
23'6-TriCB-(27)	ng/g	0.0032	0.0027	0.0096				7173905
24'5-TriCB-(31)	ng/g	0.118	0.0014	0.0096				7173905
24'6-TriCB-(32)	ng/g	<0.0026	0.0026	0.0096				7173905
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0096				7173905
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0096				7173905
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0096				7173905
344'-TriCB-(37)	ng/g	0.0051	0.0026	0.0096				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0096				7173905
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0096				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0330	0.0029	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0382	0.0031	0.0096				7173905
22'35-TetraCB-(43)	ng/g	0.0100	0.0039	0.0096				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.328	0.0027	0.029				7173905
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0034	0.0034	0.0096				7173905
22'45-TetraCB-(48)	ng/g	0.0123	0.0029	0.0096				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.215	0.0025	0.019				7173905
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.825	0.0030	0.0096				7173905
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0096				7173905
233'4-TetraCB-(55)	ng/g	<0.0027	0.0027	0.0096				7173905
233'4'-Tetra CB(56)	ng/g	0.0313	0.0026	0.0096				7173905
233'5-TetraCB-(57)	ng/g	<0.0026	0.0026	0.0096				7173905
233'5'-TetraCB-(58)	ng/g	<0.0026	0.0026	0.0096				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0213	0.0022	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0637	0.0027	0.0096				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.535	0.0025	0.038				7173905
234'5-TetraCB-(63)	ng/g	0.0244	0.0025	0.0096				7173905
234'6-TetraCB-(64)	ng/g	0.0949	0.0022	0.0096				7173905
23'44'-TetraCB-(66)	ng/g	0.227	0.0025	0.0096				7173905
23'45-TetraCB-(67)	ng/g	0.0028	0.0023	0.0096				7173905
23'45'-TetraCB-(68)	ng/g	0.0186	0.0024	0.0096				7173905
23'55'-TetraCB-(72)	ng/g	0.0111	0.0025	0.0096				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0096				7173905
33'44'-TetraCB-(77)	ng/g	0.0210	0.0039	0.0096	0.000100	0.00000210		7173905
33'45-TetraCB-(78)	ng/g	<0.0026	0.0026	0.0096				7173905
33'45'-TetraCB(79)	ng/g	0.0032	0.0024	0.0096				7173905
33'55'-TetraCB-(80)	ng/g	<0.0023	0.0023	0.0096				7173905
344'5-TetraCB-(81)	ng/g	<0.0038	0.0038	0.0096	0.000300	0.00000114		7173905
22'33'4-PentaCB-(82)	ng/g	0.0290	0.0029	0.0096				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	1.41	0.0026	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0546	0.0028	0.0096				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.278	0.0021	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.426	0.0021	0.057				7173905
PentaCB-(88)+(91)	ng/g	0.0765	0.0025	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0096				7173905
PentaCB-(90)+(101)+(113)	ng/g	1.54	0.0022	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.303	0.0026	0.0096				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.038				7173905
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0096				7173905
22'35'6-PentaCB-(95)	ng/g	0.520	0.0025	0.0096				7173905
22'366'-PentaCB-(96)	ng/g	<0.0028	0.0028	0.0096				7173905
22'45'6-PentaCB-(103)	ng/g	0.0084	0.0023	0.0096				7173905
22'466'-PentaCB-(104)	ng/g	<0.0017	0.0017	0.0096				7173905
233'44'-PentaCB-(105)	ng/g	0.478	0.0036	0.0096	0.0000300	0.0000143		7173905
233'45-PentaCB-(106)	ng/g	<0.0029	0.0029	0.0096				7173905
233'4'5-PentaCB-(107)	ng/g	0.140	0.0026	0.0096				7173905
PentaCB-(108)+(124)	ng/g	0.0388	0.0028	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.795	0.0018	0.019				7173905
233'55'-PentaCB-(111)	ng/g	0.0057	0.0018	0.0096				7173905
233'56-PentaCB-(112)	ng/g	<0.0019	0.0019	0.0096				7173905
2344'5-PentaCB-(114)	ng/g	0.0297	0.0035	0.0096	0.0000300	0.000000891		7173905
23'44'5-PentaCB-(118)	ng/g	1.63	0.0035	0.0096	0.0000300	0.0000489		7173905
23'455'-PentaCB-(120)	ng/g	0.0032	0.0018	0.0096				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0096				7173905
233'4'5'-PentaCB-(122)	ng/g	0.0082	0.0031	0.0096				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0184	0.0039	0.0096	0.0000300	0.000000552		7173905
33'44'5-PentaCB-(126)	ng/g	0.0060	0.0034	0.0096	0.100	0.000600		7173905
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.0096				7173905
HexaCB-(128)+(166)	ng/g	0.268	0.0053	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	2.98	0.0055	0.029				7173905
22'33'45'-HexaCB-(130)	ng/g	0.125	0.0072	0.0096				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0068	0.0068	0.0096				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.186	0.0069	0.0096				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0702	0.0065	0.0096				7173905
HexaCB-(134)+(143)	ng/g	0.0164	0.0066	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.495	0.010	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0393	0.0075	0.0096				7173905
22'344'5-HexaCB-(137)	ng/g	0.0849	0.0068	0.0096				7173905
HexaCB-(139)+(140)	ng/g	0.0210	0.0058	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.170	0.0059	0.0096				7173905
22'3456-HexaCB-(142)	ng/g	<0.0069	0.0069	0.0096				7173905
22'345'6-HexaCB-(144)	ng/g	0.035	0.010	0.0096				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0075	0.0075	0.0096				7173905
22'34'55'-HexaCB-(146)	ng/g	0.610	0.0055	0.0096				7173905
HexaCB-(147)+(149)	ng/g	0.890	0.0057	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.010	0.010	0.0096				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0072	0.0072	0.0096				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0074	0.0074	0.0096				7173905
HexaCB-(153)+(168)	ng/g	3.56	0.0048	0.0096				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0389	0.0089	0.0096				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0092	0.0053	0.0096				7173905
HexaCB-(156)+(157)	ng/g	0.158	0.0042	0.019	0.0000300	0.00000474		7173905
233'44'6-HexaCB-(158)	ng/g	0.114	0.0043	0.0096				7173905
233'455'-HexaCB-(159)	ng/g	<0.0033	0.0033	0.0096				7173905
233'456-HexaCB-(160)	ng/g	<0.0048	0.0048	0.0096				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0046	0.0046	0.0096				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0127	0.0032	0.0096				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0725	0.0042	0.0096				7173905
233'55'6-HexaCB-(165)	ng/g	0.0062	0.0049	0.0096				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0818	0.0040	0.0096	0.0000300	0.00000245		7173905
33'44'55'-HexaCB-(169)	ng/g	0.0118	0.0043	0.0096	0.0300	0.000354		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.152	0.0040	0.0096				7173905
HeptaCB-(171)+(173)	ng/g	0.0473	0.0047	0.019				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0461	0.0050	0.0096				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0614	0.0042	0.0096				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	0.0115	0.0072	0.0096				7173905
22'33'466'-HeptaCB-(176)	ng/g	0.0098	0.0053	0.0096				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.150	0.0050	0.0096				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.148	0.0075	0.0096				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0680	0.0051	0.0096				7173905
HeptaCB-(180)+(193)	ng/g	0.523	0.0037	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0047	0.0047	0.0096				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0069	0.0069	0.0096				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.156	0.0047	0.0096				7173905
22'344'66'-HeptaCB-(184)	ng/g	0.0069	0.0050	0.0096				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0046	0.0046	0.0096				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0055	0.0055	0.0096				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.785	0.0067	0.0096				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0047	0.0047	0.0096				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0081	0.0036	0.0096	0.0000300	0.000000243		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0345	0.0036	0.0096				7173905
233'44'5'6-HeptaCB-(191)	ng/g	0.0074	0.0037	0.0096				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0039	0.0039	0.0096				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0481	0.0036	0.0096				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0142	0.0038	0.0096				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0269	0.0073	0.0096				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0060	0.0060	0.0096				7173905
OctaCB-(198)+(199)	ng/g	0.0853	0.0072	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0044	0.0044	0.0096				7173905
22'33'45'66'-OctaCB-(201)	ng/g	0.0087	0.0051	0.0096				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0458	0.0047	0.0096				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0487	0.0066	0.0096				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0052	0.0052	0.0096				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0037	0.0037	0.0096				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0149	0.0060	0.0096				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0048	0.0048	0.0096				7173905
22'33'455'66'-NonaCB-(208)	ng/g	0.0079	0.0061	0.0096				7173905

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0071 (1)	0.0071	0.0096				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.00103		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	86						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	83						7173905
C13-22'33'44'5-HeptaCB-(170)	%	92						7173905
C13-22'33'455'66'-NonaCB-(208)	%	86						7173905
C13-22'33'55'66'-OctaCB-(202)	%	86						7173905
C13-22'33'55'6-HeptaCB-(178)	%	86						7173905
C13-22'344'55'-HeptaCB-(180)	%	94						7173905
C13-22'34'566'-HeptaCB-(188)	%	76						7173905
C13-22'44'66'-HexaCB-(155)	%	72						7173905
C13-22'466'-PentaCB-(104)	%	72						7173905
C13-22'66'-TetraCB-(54)	%	68						7173905
C13-22'6-TriCB-(19)	%	64						7173905
C13-22'-DiCB-(4)	%	61						7173905
C13-233'44'55'6-OctaCB-(205)	%	87						7173905
C13-233'44'55'-HeptaCB-(189)	%	90						7173905
C13-233'44'-PentaCB-(105)	%	88						7173905
C13-233'55'-PentaCB-(111)	%	91						7173905
C13-23'44'55'-HexaCB-(167)	%	82						7173905
C13-2344'5-PentaCB-(114)	%	84						7173905
C13-23'44'5-PentaCB-(118)	%	86						7173905
C13-2'344'5-PentaCB-(123)	%	86						7173905
C13-2-MonoCB-(1)	%	57						7173905
C13-33'44'55'-HexaCB-(169)	%	70						7173905
C13-33'44'5-PentaCB-(126)	%	84						7173905
C13-33'44'-TetraCB-(77)	%	85						7173905
C13-344'5-TetraCB-(81)	%	82						7173905
C13-344'-TriCB-(37)	%	80						7173905
C13-44'-DiCB-(15)	%	72						7173905
C13-4-MonoCB-(3)	%	59						7173905

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA205						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	84						7173905
C13-HexaCB-(156)+(157)	%	83						7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0019	0.0019	0.0097				7173905
3-MonoCB-(2)	ng/g	<0.0017	0.0017	0.0097				7173905
4-MonoCB-(3)	ng/g	<0.0019	0.0019	0.0097				7173905
22'-DiCB-(4)	ng/g	<0.0037	0.0037	0.0097				7173905
2,3-DiCB-(5)	ng/g	<0.0014	0.0014	0.0097				7173905
2,3'-DiCB-(6)	ng/g	<0.0014	0.0014	0.0097				7173905
2,4-DiCB-(7)	ng/g	<0.0013	0.0013	0.0097				7173905
2,4'-DiCB-(8)	ng/g	<0.0025 (1)	0.0025	0.0097				7173905
2,5-DiCB-(9)	ng/g	<0.0015	0.0015	0.0097				7173905
2,6-DiCB-(10)	ng/g	<0.0041	0.0041	0.0097				7173905
3,3'-DiCB-(11)	ng/g	0.0042	0.0015	0.0097				7173905
DiCB-(12)+(13)	ng/g	<0.0014	0.0014	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0014	0.0014	0.0097				7173905
4,4'-DiCB-(15)	ng/g	<0.0024	0.0024	0.0097				7173905
22'3-TriCB-(16)	ng/g	<0.0065	0.0065	0.0097				7173905
22'4-TriCB-(17)	ng/g	<0.0042	0.0042	0.0097				7173905
TriCB-(18)+(30)	ng/g	0.0174	0.0034	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0034	0.0034	0.0097				7173905
TriCB-(20) + (28)	ng/g	0.0752	0.0021	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0071	0.0019	0.019				7173905
234'-TriCB-(22)	ng/g	0.0098	0.0021	0.0097				7173905
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.0097				7173905
236-TriCB-(24)	ng/g	<0.0027	0.0027	0.0097				7173905
23'4-TriCB-(25)	ng/g	<0.0020	0.0020	0.0097				7173905
TriCB-(26)+(29)	ng/g	0.0051	0.0020	0.019				7173905
23'6-TriCB-(27)	ng/g	<0.0029	0.0029	0.0097				7173905
24'5-TriCB-(31)	ng/g	0.0488	0.0019	0.0097				7173905
24'6-TriCB-(32)	ng/g	<0.0028	0.0028	0.0097				7173905
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0097				7173905
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.0097				7173905
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0097				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	0.0037	0.0036	0.0097				7173905
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.0097				7173905
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.0097				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0146	0.0036	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0138	0.0039	0.0097				7173905
22'35-TetraCB-(43)	ng/g	<0.0049	0.0049	0.0097				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.117	0.0033	0.029				7173905
TetraCB-(45)+(51)	ng/g	<0.0037	0.0037	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.0097				7173905
22'45-TetraCB-(48)	ng/g	0.0050	0.0037	0.0097				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0691	0.0031	0.019				7173905
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.261	0.0038	0.0097				7173905
22'66'-TetraCB-(54)	ng/g	<0.0034	0.0034	0.0097				7173905
233'4-TetraCB-(55)	ng/g	<0.0049	0.0049	0.0097				7173905
233'4'-Tetra CB(56)	ng/g	0.0108	0.0048	0.0097				7173905
233'5-TetraCB-(57)	ng/g	<0.0047	0.0047	0.0097				7173905
233'5'-TetraCB-(58)	ng/g	<0.0048	0.0048	0.0097				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0079	0.0027	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0284	0.0048	0.0097				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.203	0.0044	0.039				7173905
234'5-TetraCB-(63)	ng/g	0.0107	0.0046	0.0097				7173905
234'6-TetraCB-(64)	ng/g	0.0399	0.0027	0.0097				7173905
23'44'-TetraCB-(66)	ng/g	0.113	0.0045	0.0097				7173905
23'45-TetraCB-(67)	ng/g	<0.0042	0.0042	0.0097				7173905
23'45'-TetraCB-(68)	ng/g	0.0069	0.0044	0.0097				7173905
23'55'-TetraCB-(72)	ng/g	<0.0046	0.0046	0.0097				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.0097				7173905
33'44'-TetraCB-(77)	ng/g	0.0093	0.0071	0.0097	0.000100	0.000000930		7173905
33'45-TetraCB-(78)	ng/g	<0.0048	0.0048	0.0097				7173905
33'45'-TetraCB(79)	ng/g	<0.0044	0.0044	0.0097				7173905
33'55'-TetraCB-(80)	ng/g	<0.0042	0.0042	0.0097				7173905
344'5-TetraCB-(81)	ng/g	<0.0069	0.0069	0.0097	0.000300	0.00000207		7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0121	0.0037	0.0097				7173905
PentaCB-(83)+(99)	ng/g	0.580	0.0032	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0226	0.0036	0.0097				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.122	0.0026	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.143	0.0026	0.058				7173905
PentaCB-(88)+(91)	ng/g	0.0338	0.0032	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0034	0.0034	0.0097				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.551	0.0027	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.112	0.0033	0.0097				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0056	0.0031	0.039				7173905
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0097				7173905
22'35'6-PentaCB-(95)	ng/g	0.198	0.0032	0.0097				7173905
22'366'-PentaCB-(96)	ng/g	<0.0036	0.0036	0.0097				7173905
22'45'6-PentaCB-(103)	ng/g	0.0032	0.0029	0.0097				7173905
22'466'-PentaCB-(104)	ng/g	<0.0022	0.0022	0.0097				7173905
233'44'-PentaCB-(105)	ng/g	0.210	0.0037	0.0097	0.0000300	0.00000630		7173905
233'45-PentaCB-(106)	ng/g	<0.0030	0.0030	0.0097				7173905
233'4'5-PentaCB-(107)	ng/g	0.0521	0.0027	0.0097				7173905
PentaCB-(108)+(124)	ng/g	0.0143	0.0029	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.286	0.0023	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0097				7173905
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0097				7173905
2344'5-PentaCB-(114)	ng/g	0.0128	0.0037	0.0097	0.0000300	0.000000384		7173905
23'44'5-PentaCB-(118)	ng/g	0.664	0.0037	0.0097	0.0000300	0.0000199		7173905
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0097				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0023	0.0023	0.0097				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0033	0.0033	0.0097				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0123	0.0040	0.0097	0.0000300	0.000000369		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0035	0.0035	0.0097	0.100	0.000350		7173905
33'455'-PentaCB-(127)	ng/g	<0.0030	0.0030	0.0097				7173905
HexaCB-(128)+(166)	ng/g	0.133	0.012	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	1.20	0.013	0.029				7173905
22'33'45'-HexaCB-(130)	ng/g	0.044	0.016	0.0097				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.016	0.016	0.0097				7173905
22'33'46'-HexaCB-(132)	ng/g	0.068	0.016	0.0097				7173905
22'33'55'-HexaCB-(133)	ng/g	<0.015	0.015	0.0097				7173905
HexaCB-(134)+(143)	ng/g	<0.015	0.015	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.182	0.0088	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0150	0.0064	0.0097				7173905
22'344'5-HexaCB-(137)	ng/g	0.042	0.016	0.0097				7173905
HexaCB-(139)+(140)	ng/g	<0.013	0.013	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.060	0.014	0.0097				7173905
22'3456-HexaCB-(142)	ng/g	<0.016	0.016	0.0097				7173905
22'345'6-HexaCB-(144)	ng/g	0.0146	0.0086	0.0097				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0064	0.0064	0.0097				7173905
22'34'55'-HexaCB-(146)	ng/g	0.240	0.013	0.0097				7173905
HexaCB-(147)+(149)	ng/g	0.307	0.013	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0087	0.0087	0.0097				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0061	0.0061	0.0097				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0063	0.0063	0.0097				7173905
HexaCB-(153)+(168)	ng/g	1.48	0.011	0.0097				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0180	0.0076	0.0097				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0052	0.0045	0.0097				7173905
HexaCB-(156)+(157)	ng/g	0.0666	0.0052	0.019	0.0000300	0.00000200		7173905
233'44'6-HexaCB-(158)	ng/g	0.0481	0.0098	0.0097				7173905
233'455'-HexaCB-(159)	ng/g	<0.0041	0.0041	0.0097				7173905
233'456-HexaCB-(160)	ng/g	<0.011	0.011	0.0097				7173905
233'45'6-HexaCB-(161)	ng/g	<0.011	0.011	0.0097				7173905
233'4'55'-HexaCB-(162)	ng/g	<0.0039	0.0039	0.0097				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0257	0.0096	0.0097				7173905
233'55'6-HexaCB-(165)	ng/g	<0.011	0.011	0.0097				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0333	0.0049	0.0097	0.0000300	0.000000999		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0053	0.0053	0.0097	0.0300	0.000159		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0651	0.0046	0.0097				7173905
HeptaCB-(171)+(173)	ng/g	0.0219	0.0054	0.019				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0181	0.0057	0.0097				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0230	0.0048	0.0097				7173905
22'33'45'6-HeptaCB-(175)	ng/g	<0.0082	0.0082	0.0097				7173905
22'33'466'-HeptaCB-(176)	ng/g	<0.0060	0.0060	0.0097				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0500	0.0057	0.0097				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0585	0.0085	0.0097				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0270	0.0058	0.0097				7173905
HeptaCB-(180)+(193)	ng/g	0.220	0.0042	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0054	0.0054	0.0097				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0078	0.0078	0.0097				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0598	0.0054	0.0097				7173905
22'344'66'-HeptaCB-(184)	ng/g	<0.0056	0.0056	0.0097				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0052	0.0052	0.0097				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0062	0.0062	0.0097				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.283	0.0076	0.0097				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0054	0.0054	0.0097				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0036 (1)	0.0036	0.0097	0.0000300	0.000000108		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0155	0.0041	0.0097				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0042	0.0042	0.0097				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0044	0.0044	0.0097				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0239	0.0059	0.0097				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0071	0.0063	0.0097				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.012	0.010	0.0097				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0084	0.0084	0.0097				7173905
OctaCB-(198)+(199)	ng/g	0.029	0.010	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0062	0.0062	0.0097				7173905
22'33'45'66'-OctaCB-(201)	ng/g	<0.0072	0.0072	0.0097				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0190	0.0067	0.0097				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0197	0.0093	0.0097				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0073	0.0073	0.0097				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0062	0.0062	0.0097				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0083	0.0083	0.0097				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0066	0.0066	0.0097				7173905

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0085	0.0085	0.0097				7173905
DecaCB-(209)	ng/g	<0.014	0.014	0.0097				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000542		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	73						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	78						7173905
C13-22'33'44'5-HeptaCB-(170)	%	92						7173905
C13-22'33'455'66'-NonaCB-(208)	%	84						7173905
C13-22'33'55'66'-OctaCB-(202)	%	87						7173905
C13-22'33'55'6-HeptaCB-(178)	%	75						7173905
C13-22'344'55'-HeptaCB-(180)	%	92						7173905
C13-22'34'566'-HeptaCB-(188)	%	74						7173905
C13-22'44'66'-HexaCB-(155)	%	70						7173905
C13-22'466'-PentaCB-(104)	%	70						7173905
C13-22'66'-TetraCB-(54)	%	61						7173905
C13-22'6-TriCB-(19)	%	59						7173905
C13-22'-DiCB-(4)	%	51						7173905
C13-233'44'55'6-OctaCB-(205)	%	82						7173905
C13-233'44'55'-HeptaCB-(189)	%	88						7173905
C13-233'44'-PentaCB-(105)	%	79						7173905
C13-233'55'-PentaCB-(111)	%	76						7173905
C13-23'44'55'-HexaCB-(167)	%	78						7173905
C13-2344'5-PentaCB-(114)	%	79						7173905
C13-23'44'5-PentaCB-(118)	%	80						7173905
C13-2'344'5-PentaCB-(123)	%	78						7173905
C13-2-MonoCB-(1)	%	44						7173905
C13-33'44'55'-HexaCB-(169)	%	68						7173905
C13-33'44'5-PentaCB-(126)	%	76						7173905
C13-33'44'-TetraCB-(77)	%	73						7173905
C13-344'5-TetraCB-(81)	%	74						7173905
C13-344'-TriCB-(37)	%	70						7173905
C13-44'-DiCB-(15)	%	63						7173905
C13-4-MonoCB-(3)	%	48						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA206						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	78						7173905
C13-HexaCB-(156)+(157)	%	78						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0014	0.0014	0.0099				7173905
3-MonoCB-(2)	ng/g	<0.0013	0.0013	0.0099				7173905
4-MonoCB-(3)	ng/g	<0.0014	0.0014	0.0099				7173905
22'-DiCB-(4)	ng/g	<0.0033	0.0033	0.0099				7173905
2,3-DiCB-(5)	ng/g	<0.0019	0.0019	0.0099				7173905
2,3'-DiCB-(6)	ng/g	<0.0018	0.0018	0.0099				7173905
2,4-DiCB-(7)	ng/g	<0.0018	0.0018	0.0099				7173905
2,4'-DiCB-(8)	ng/g	<0.0019	0.0019	0.0099				7173905
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0099				7173905
2,6-DiCB-(10)	ng/g	<0.0036	0.0036	0.0099				7173905
3,3'-DiCB-(11)	ng/g	<0.0042 (1)	0.0042	0.0099				7173905
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.020				7173905
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.0099				7173905
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0099				7173905
22'3-TriCB-(16)	ng/g	<0.0052	0.0052	0.0099				7173905
22'4-TriCB-(17)	ng/g	<0.0034	0.0034	0.0099				7173905
TriCB-(18)+(30)	ng/g	0.0039	0.0027	0.020				7173905
22'6-TriCB-(19)	ng/g	<0.0027	0.0027	0.0099				7173905
TriCB-(20) + (28)	ng/g	0.0145	0.0020	0.020				7173905
TriCB-(21)+(33)	ng/g	<0.0019	0.0019	0.020				7173905
234'-TriCB-(22)	ng/g	0.0029	0.0021	0.0099				7173905
235-TriCB-(23)	ng/g	<0.0021	0.0021	0.0099				7173905
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0099				7173905
23'4-TriCB-(25)	ng/g	<0.0019	0.0019	0.0099				7173905
TriCB-(26)+(29)	ng/g	<0.0019	0.0019	0.020				7173905
23'6-TriCB-(27)	ng/g	<0.0023	0.0023	0.0099				7173905
24'5-TriCB-(31)	ng/g	0.0122	0.0019	0.0099				7173905
24'6-TriCB-(32)	ng/g	<0.0022	0.0022	0.0099				7173905
23'5'-TriCB-(34)	ng/g	<0.0021	0.0021	0.0099				7173905
33'4-TriCB-(35)	ng/g	<0.0022	0.0022	0.0099				7173905
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0099				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0035	0.0035	0.0099				7173905
345-TriCB-(38)	ng/g	<0.0021	0.0021	0.0099				7173905
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.0099				7173905
TetraCB-(40)+(41)+(71)	ng/g	<0.0035	0.0035	0.030				7173905
22'34'-TetraCB-(42)	ng/g	<0.0038	0.0038	0.0099				7173905
22'35-TetraCB-(43)	ng/g	<0.0047	0.0047	0.0099				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.0264	0.0032	0.030				7173905
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020				7173905
22'36'-TetraCB-(46)	ng/g	<0.0041	0.0041	0.0099				7173905
22'45-TetraCB-(48)	ng/g	<0.0035	0.0035	0.0099				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0158	0.0030	0.020				7173905
TetraCB-(50)+(53)	ng/g	<0.0034	0.0034	0.020				7173905
22'55'-TetraCB-(52)	ng/g	0.0672	0.0036	0.0099				7173905
22'66'-TetraCB-(54)	ng/g	<0.0026	0.0026	0.0099				7173905
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.0099				7173905
233'4'-Tetra CB(56)	ng/g	0.0035	0.0024	0.0099				7173905
233'5-TetraCB-(57)	ng/g	<0.0024	0.0024	0.0099				7173905
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0099				7173905
TetraCB-(59)+(62)+(75)	ng/g	<0.0026	0.0026	0.030				7173905
2344'-TetraCB -(60)	ng/g	0.0070	0.0024	0.0099				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0532	0.0022	0.040				7173905
234'5-TetraCB-(63)	ng/g	0.0024	0.0023	0.0099				7173905
234'6-TetraCB-(64)	ng/g	0.0089	0.0026	0.0099				7173905
23'44'-TetraCB-(66)	ng/g	0.0285	0.0023	0.0099				7173905
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0099				7173905
23'45'-TetraCB-(68)	ng/g	<0.0022	0.0022	0.0099				7173905
23'55'-TetraCB-(72)	ng/g	<0.0023	0.0023	0.0099				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0099				7173905
33'44'-TetraCB-(77)	ng/g	<0.0036	0.0036	0.0099	0.000100	0.000000360		7173905
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.0099				7173905
33'45'-TetraCB(79)	ng/g	<0.0022	0.0022	0.0099				7173905
33'55'-TetraCB-(80)	ng/g	<0.0021	0.0021	0.0099				7173905
344'5-TetraCB-(81)	ng/g	<0.0035	0.0035	0.0099	0.000300	0.00000105		7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0027	0.0027	0.0099				7173905
PentaCB-(83)+(99)	ng/g	0.118	0.0024	0.020				7173905
22'33'6-PentaCB-(84)	ng/g	0.0044	0.0026	0.0099				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.0257	0.0019	0.030				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0363	0.0019	0.060				7173905
PentaCB-(88)+(91)	ng/g	0.0053	0.0023	0.020				7173905
22'346'-PentaCB-(89)	ng/g	<0.0025	0.0025	0.0099				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.126	0.0020	0.030				7173905
22'355'-PentaCB-(92)	ng/g	0.0291	0.0024	0.0099				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040				7173905
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.0099				7173905
22'35'6-PentaCB-(95)	ng/g	0.0382	0.0023	0.0099				7173905
22'366'-PentaCB-(96)	ng/g	<0.0033	0.0033	0.0099				7173905
22'45'6-PentaCB-(103)	ng/g	<0.0021	0.0021	0.0099				7173905
22'466'-PentaCB-(104)	ng/g	<0.0020	0.0020	0.0099				7173905
233'44'-PentaCB-(105)	ng/g	0.0507	0.0022	0.0099	0.0000300	0.00000152		7173905
233'45-PentaCB-(106)	ng/g	<0.0018	0.0018	0.0099				7173905
233'4'5-PentaCB-(107)	ng/g	0.0128	0.0016	0.0099				7173905
PentaCB-(108)+(124)	ng/g	0.0042	0.0017	0.020				7173905
PentaCB-(110)+(115)	ng/g	0.0724	0.0017	0.020				7173905
233'55'-PentaCB-(111)	ng/g	<0.0017	0.0017	0.0099				7173905
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0099				7173905
2344'5-PentaCB-(114)	ng/g	<0.0022	0.0022	0.0099	0.0000300	0.0000000660		7173905
23'44'5-PentaCB-(118)	ng/g	0.150	0.0022	0.0099	0.0000300	0.00000450		7173905
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0099				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0017	0.0017	0.0099				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0019	0.0019	0.0099				7173905
23'44'5'-PentaCB-(123)	ng/g	<0.0024	0.0024	0.0099	0.0000300	0.0000000720		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0099	0.100	0.000210		7173905
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0099				7173905
HexaCB-(128)+(166)	ng/g	0.0285	0.0031	0.020				7173905
HexaCB-(129)+(138)+(163)	ng/g	0.268	0.0032	0.030				7173905
22'33'45'-HexaCB-(130)	ng/g	0.0119	0.0042	0.0099				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0099				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0162	0.0040	0.0099				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0070	0.0038	0.0099				7173905
HexaCB-(134)+(143)	ng/g	<0.0039	0.0039	0.020				7173905
HexaCB-(135)+(151)	ng/g	0.0456	0.0094	0.020				7173905
22'33'66'-HexaCB-(136)	ng/g	<0.0068	0.0068	0.0099				7173905
22'344'5-HexaCB-(137)	ng/g	0.0127	0.0040	0.0099				7173905
HexaCB-(139)+(140)	ng/g	<0.0034	0.0034	0.020				7173905
22'3455'-HexaCB-(141)	ng/g	0.0160	0.0035	0.0099				7173905
22'3456-HexaCB-(142)	ng/g	<0.0040	0.0040	0.0099				7173905
22'345'6-HexaCB-(144)	ng/g	<0.0092	0.0092	0.0099				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0069	0.0069	0.0099				7173905
22'34'55'-HexaCB-(146)	ng/g	0.0516	0.0032	0.0099				7173905
HexaCB-(147)+(149)	ng/g	0.0709	0.0033	0.020				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0094	0.0094	0.0099				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0066	0.0066	0.0099				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0067	0.0067	0.0099				7173905
HexaCB-(153)+(168)	ng/g	0.276	0.0028	0.0099				7173905
22'44'56'-HexaCB-(154)	ng/g	<0.0081	0.0081	0.0099				7173905
22'44'66'-HexaCB-(155)	ng/g	<0.0048	0.0048	0.0099				7173905
HexaCB-(156)+(157)	ng/g	0.0178	0.0036	0.020	0.0000300	0.000000534		7173905
233'44'6-HexaCB-(158)	ng/g	0.0114	0.0025	0.0099				7173905
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.0099				7173905
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0099				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0099				7173905
233'4'55'-HexaCB-(162)	ng/g	<0.0028	0.0028	0.0099				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0058	0.0024	0.0099				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0099				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0085	0.0034	0.0099	0.0000300	0.000000255		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.0099	0.0300	0.000111		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0141	0.0044	0.0099				7173905
HeptaCB-(171)+(173)	ng/g	<0.0052	0.0052	0.020				7173905
22'33'455'-HeptaCB-(172)	ng/g	<0.0055	0.0055	0.0099				7173905

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0059	0.0046	0.0099				7173905
22'33'45'6-HeptaCB-(175)	ng/g	<0.0071	0.0071	0.0099				7173905
22'33'466'-HeptaCB-(176)	ng/g	<0.0052	0.0052	0.0099				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0149	0.0055	0.0099				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0148	0.0074	0.0099				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0072	0.0050	0.0099				7173905
HeptaCB-(180)+(193)	ng/g	0.0497	0.0041	0.020				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0052	0.0052	0.0099				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0067	0.0067	0.0099				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0133	0.0052	0.0099				7173905
22'344'66'-HeptaCB-(184)	ng/g	<0.0048	0.0048	0.0099				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0099				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0054	0.0054	0.0099				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.0719	0.0066	0.0099				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0046	0.0046	0.0099				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0038	0.0038	0.0099	0.0000300	0.000000114		7173905
233'44'56-HeptaCB-(190)	ng/g	<0.0040	0.0040	0.0099				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0040	0.0040	0.0099				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0099				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0052	0.0034	0.0099				7173905
22'33'44'56-OctaCB-(195)	ng/g	<0.0035	0.0035	0.0099				7173905
22'33'44'56'-OctaCB-(196)	ng/g	<0.010	0.010	0.0099				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0083	0.0083	0.0099				7173905
OctaCB-(198)+(199)	ng/g	<0.010	0.010	0.020				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0061	0.0061	0.0099				7173905
22'33'45'66'-OctaCB-(201)	ng/g	<0.0071	0.0071	0.0099				7173905
22'33'55'66'-OctaCB-(202)	ng/g	<0.0066	0.0066	0.0099				7173905
22'344'55'6-OctaCB-(203)	ng/g	<0.0092	0.0092	0.0099				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0073	0.0073	0.0099				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0035	0.0035	0.0099				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0050	0.0050	0.0099				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0040	0.0040	0.0099				7173905
22'33'455'66'-NonaCB-(208)	ng/g	<0.0051	0.0051	0.0099				7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0068	0.0068	0.0099				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000329		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	71						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	81						7173905
C13-22'33'44'5-HeptaCB-(170)	%	87						7173905
C13-22'33'455'66'-NonaCB-(208)	%	79						7173905
C13-22'33'55'66'-OctaCB-(202)	%	81						7173905
C13-22'33'55'6-HeptaCB-(178)	%	76						7173905
C13-22'344'55'-HeptaCB-(180)	%	86						7173905
C13-22'34'566'-HeptaCB-(188)	%	71						7173905
C13-22'44'66'-HexaCB-(155)	%	67						7173905
C13-22'466'-PentaCB-(104)	%	67						7173905
C13-22'66'-TetraCB-(54)	%	62						7173905
C13-22'6-TriCB-(19)	%	59						7173905
C13-22'-DiCB-(4)	%	51						7173905
C13-233'44'55'6-OctaCB-(205)	%	82						7173905
C13-233'44'55'-HeptaCB-(189)	%	87						7173905
C13-233'44'-PentaCB-(105)	%	81						7173905
C13-233'55'-PentaCB-(111)	%	77						7173905
C13-23'44'55'-HexaCB-(167)	%	82						7173905
C13-2344'5-PentaCB-(114)	%	79						7173905
C13-23'44'5-PentaCB-(118)	%	81						7173905
C13-2'344'5-PentaCB-(123)	%	80						7173905
C13-2-MonoCB-(1)	%	47						7173905
C13-33'44'55'-HexaCB-(169)	%	71						7173905
C13-33'44'5-PentaCB-(126)	%	79						7173905
C13-33'44'-TetraCB-(77)	%	76						7173905
C13-344'5-TetraCB-(81)	%	73						7173905
C13-344'-TriCB-(37)	%	72						7173905
C13-44'-DiCB-(15)	%	65						7173905
C13-4-MonoCB-(3)	%	49						7173905
C13-DecaCB-(209)	%	82						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA208						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	79						7173905

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0018	0.0018	0.0097				7173905
3-MonoCB-(2)	ng/g	<0.0016	0.0016	0.0097				7173905
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.0097				7173905
22'-DiCB-(4)	ng/g	<0.0021	0.0021	0.0097				7173905
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0097				7173905
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.0097				7173905
2,4-DiCB-(7)	ng/g	<0.0012	0.0012	0.0097				7173905
2,4'-DiCB-(8)	ng/g	0.0015	0.0013	0.0097				7173905
2,5-DiCB-(9)	ng/g	<0.0013	0.0013	0.0097				7173905
2,6-DiCB-(10)	ng/g	<0.0023	0.0023	0.0097				7173905
3,3'-DiCB-(11)	ng/g	<0.0039 (1)	0.0039	0.0097				7173905
DiCB-(12)+(13)	ng/g	<0.0013	0.0013	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0013	0.0013	0.0097				7173905
4,4'-DiCB-(15)	ng/g	<0.0022	0.0022	0.0097				7173905
22'3-TriCB-(16)	ng/g	<0.0041 (1)	0.0041	0.0097				7173905
22'4-TriCB-(17)	ng/g	0.0052	0.0025	0.0097				7173905
TriCB-(18)+(30)	ng/g	0.0179	0.0020	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0020	0.0020	0.0097				7173905
TriCB-(20) + (28)	ng/g	0.0469	0.0021	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0035	0.0020	0.019				7173905
234'-TriCB-(22)	ng/g	<0.0067 (1)	0.0067	0.0097				7173905
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.0097				7173905
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0097				7173905
23'4-TriCB-(25)	ng/g	<0.0020	0.0020	0.0097				7173905
TriCB-(26)+(29)	ng/g	0.0055	0.0020	0.019				7173905
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0097				7173905
24'5-TriCB-(31)	ng/g	0.0339	0.0020	0.0097				7173905
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0097				7173905
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.0097				7173905
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0097				7173905
33'5-TriCB-(36)	ng/g	<0.0021	0.0021	0.0097				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0037	0.0037	0.0097				7173905
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.0097				7173905
34'5-TriCB-(39)	ng/g	<0.0022	0.0022	0.0097				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0150	0.0036	0.029				7173905
22'34'-TetraCB-(42)	ng/g	0.0185	0.0039	0.0097				7173905
22'35-TetraCB-(43)	ng/g	<0.0049	0.0049	0.0097				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.121	0.0033	0.029				7173905
TetraCB-(45)+(51)	ng/g	0.0041	0.0037	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.0097				7173905
22'45-TetraCB-(48)	ng/g	0.0092	0.0036	0.0097				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.0763	0.0031	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0047	0.0035	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.243	0.0038	0.0097				7173905
22'66'-TetraCB-(54)	ng/g	<0.0031	0.0031	0.0097				7173905
233'4-TetraCB-(55)	ng/g	<0.0037	0.0037	0.0097				7173905
233'4'-Tetra CB(56)	ng/g	0.0125	0.0036	0.0097				7173905
233'5-TetraCB-(57)	ng/g	<0.0035	0.0035	0.0097				7173905
233'5'-TetraCB-(58)	ng/g	<0.0036	0.0036	0.0097				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0077	0.0027	0.029				7173905
2344'-TetraCB -(60)	ng/g	0.0216	0.0036	0.0097				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.166	0.0033	0.039				7173905
234'5-TetraCB-(63)	ng/g	0.0097	0.0034	0.0097				7173905
234'6-TetraCB-(64)	ng/g	0.0347	0.0027	0.0097				7173905
23'44'-TetraCB-(66)	ng/g	0.0864	0.0034	0.0097				7173905
23'45-TetraCB-(67)	ng/g	<0.0032	0.0032	0.0097				7173905
23'45'-TetraCB-(68)	ng/g	0.0080	0.0033	0.0097				7173905
23'55'-TetraCB-(72)	ng/g	0.0037	0.0034	0.0097				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0025	0.0025	0.0097				7173905
33'44'-TetraCB-(77)	ng/g	0.0094	0.0053	0.0097	0.000100	0.000000940		7173905
33'45-TetraCB-(78)	ng/g	<0.0036	0.0036	0.0097				7173905
33'45'-TetraCB(79)	ng/g	<0.0033	0.0033	0.0097				7173905
33'55'-TetraCB-(80)	ng/g	<0.0031	0.0031	0.0097				7173905
344'5-TetraCB-(81)	ng/g	<0.0052	0.0052	0.0097	0.000300	0.00000156		7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	0.0116	0.0042	0.0097				7173905
PentaCB-(83)+(99)	ng/g	0.554	0.0037	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0270	0.0041	0.0097				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.0983	0.0030	0.029				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.145	0.0030	0.058				7173905
PentaCB-(88)+(91)	ng/g	0.0299	0.0037	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0039	0.0039	0.0097				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.474	0.0031	0.029				7173905
22'355'-PentaCB-(92)	ng/g	0.0925	0.0038	0.0097				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0035	0.0035	0.039				7173905
22'356'-PentaCB-(94)	ng/g	<0.0040	0.0040	0.0097				7173905
22'35'6-PentaCB-(95)	ng/g	0.183	0.0036	0.0097				7173905
22'366'-PentaCB-(96)	ng/g	<0.0039	0.0039	0.0097				7173905
22'45'6-PentaCB-(103)	ng/g	<0.0033	0.0033	0.0097				7173905
22'466'-PentaCB-(104)	ng/g	<0.0023	0.0023	0.0097				7173905
233'44'-PentaCB-(105)	ng/g	0.204	0.0025	0.0097	0.0000300	0.00000612		7173905
233'45-PentaCB-(106)	ng/g	<0.0020	0.0020	0.0097				7173905
233'4'5-PentaCB-(107)	ng/g	0.0557	0.0018	0.0097				7173905
PentaCB-(108)+(124)	ng/g	0.0135	0.0019	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.250	0.0027	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0027	0.0027	0.0097				7173905
233'56-PentaCB-(112)	ng/g	<0.0028	0.0028	0.0097				7173905
2344'5-PentaCB-(114)	ng/g	0.0122	0.0024	0.0097	0.0000300	0.000000366		7173905
23'44'5-PentaCB-(118)	ng/g	0.636	0.0024	0.0097	0.0000300	0.0000191		7173905
23'455'-PentaCB-(120)	ng/g	<0.0026	0.0026	0.0097				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0027	0.0027	0.0097				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0022	0.0022	0.0097				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0081	0.0027	0.0097	0.0000300	0.000000243		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0024	0.0024	0.0097	0.100	0.000240		7173905
33'455'-PentaCB-(127)	ng/g	<0.0020	0.0020	0.0097				7173905
HexaCB-(128)+(166)	ng/g	0.118	0.0034	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	1.16	0.0036	0.029				7173905
22'33'45'-HexaCB-(130)	ng/g	0.0423	0.0046	0.0097				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0097				7173905
22'33'46'-HexaCB-(132)	ng/g	0.0720	0.0044	0.0097				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0300	0.0042	0.0097				7173905
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.156	0.0084	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0187	0.0061	0.0097				7173905
22'344'5-HexaCB-(137)	ng/g	0.0420	0.0044	0.0097				7173905
HexaCB-(139)+(140)	ng/g	0.0084	0.0037	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0634	0.0038	0.0097				7173905
22'3456-HexaCB-(142)	ng/g	<0.0044	0.0044	0.0097				7173905
22'345'6-HexaCB-(144)	ng/g	0.0129	0.0082	0.0097				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0061	0.0061	0.0097				7173905
22'34'55'-HexaCB-(146)	ng/g	0.231	0.0036	0.0097				7173905
HexaCB-(147)+(149)	ng/g	0.300	0.0037	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0083	0.0083	0.0097				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0058	0.0058	0.0097				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0060	0.0060	0.0097				7173905
HexaCB-(153)+(168)	ng/g	1.61	0.0031	0.0097				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0171	0.0072	0.0097				7173905
22'44'66'-HexaCB-(155)	ng/g	<0.0043	0.0043	0.0097				7173905
HexaCB-(156)+(157)	ng/g	0.0631	0.0036	0.019	0.0000300	0.00000189		7173905
233'44'6-HexaCB-(158)	ng/g	0.0473	0.0028	0.0097				7173905
233'455'-HexaCB-(159)	ng/g	<0.0028	0.0028	0.0097				7173905
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.0097				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0097				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0032	0.0028	0.0097				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0265	0.0027	0.0097				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0097				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0320	0.0034	0.0097	0.0000300	0.000000960		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0037	0.0037	0.0097	0.0300	0.000111		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0662	0.0044	0.0097				7173905
HeptaCB-(171)+(173)	ng/g	0.0181	0.0052	0.019				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0208	0.0055	0.0097				7173905

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0307	0.0046	0.0097				7173905
22'33'45'6-HeptaCB-(175)	ng/g	<0.011	0.011	0.0097				7173905
22'33'466'-HeptaCB-(176)	ng/g	<0.0077	0.0077	0.0097				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0520	0.0055	0.0097				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.065	0.011	0.0097				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0248	0.0075	0.0097				7173905
HeptaCB-(180)+(193)	ng/g	0.224	0.0041	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0051	0.0051	0.0097				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.010	0.010	0.0097				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0678	0.0052	0.0097				7173905
22'344'66'-HeptaCB-(184)	ng/g	<0.0072	0.0072	0.0097				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0097				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0081	0.0081	0.0097				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.311	0.0098	0.0097				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0069	0.0069	0.0097				7173905
233'44'55'-HeptaCB-(189)	ng/g	<0.0033 (1)	0.0033	0.0097	0.0000300	0.000000099		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0111	0.0039	0.0097				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0040	0.0040	0.0097				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0042	0.0042	0.0097				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0228	0.0042	0.0097				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0067	0.0045	0.0097				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.014	0.011	0.0097				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0091	0.0091	0.0097				7173905
OctaCB-(198)+(199)	ng/g	0.050	0.011	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0067	0.0067	0.0097				7173905
22'33'45'66'-OctaCB-(201)	ng/g	<0.0078	0.0078	0.0097				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0212	0.0072	0.0097				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.021	0.010	0.0097				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0080	0.0080	0.0097				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.0097				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0110	0.0077	0.0097				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0061	0.0061	0.0097				7173905

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'455'66'-NonaCB-(208)	ng/g	<0.0079	0.0079	0.0097				7173905
DecaCB-(209)	ng/g	0.0063	0.0056	0.0097				7173905
TOTAL TOXIC EQUIVALENCY	ng/g					0.000382		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	82						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	78						7173905
C13-22'33'44'5-HeptaCB-(170)	%	89						7173905
C13-22'33'455'66'-NonaCB-(208)	%	81						7173905
C13-22'33'55'66'-OctaCB-(202)	%	82						7173905
C13-22'33'55'6-HeptaCB-(178)	%	83						7173905
C13-22'344'55'-HeptaCB-(180)	%	92						7173905
C13-22'34'566'-HeptaCB-(188)	%	72						7173905
C13-22'44'66'-HexaCB-(155)	%	71						7173905
C13-22'466'-PentaCB-(104)	%	67						7173905
C13-22'66'-TetraCB-(54)	%	64						7173905
C13-22'6-TriCB-(19)	%	63						7173905
C13-22'-DiCB-(4)	%	52						7173905
C13-233'44'55'6-OctaCB-(205)	%	83						7173905
C13-233'44'55'-HeptaCB-(189)	%	84						7173905
C13-233'44'-PentaCB-(105)	%	78						7173905
C13-233'55'-PentaCB-(111)	%	83						7173905
C13-23'44'55'-HexaCB-(167)	%	77						7173905
C13-2344'5-PentaCB-(114)	%	77						7173905
C13-23'44'5-PentaCB-(118)	%	79						7173905
C13-2'344'5-PentaCB-(123)	%	78						7173905
C13-2-MonoCB-(1)	%	45						7173905
C13-33'44'55'-HexaCB-(169)	%	65						7173905
C13-33'44'5-PentaCB-(126)	%	73						7173905
C13-33'44'-TetraCB-(77)	%	76						7173905
C13-344'5-TetraCB-(81)	%	73						7173905
C13-344'-TriCB-(37)	%	74						7173905
C13-44'-DiCB-(15)	%	65						7173905
C13-4-MonoCB-(3)	%	46						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA209						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-44	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-DecaCB-(209)	%	77						7173905
C13-HexaCB-(156)+(157)	%	76						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0024	0.0024	0.0095				7173905
3-MonoCB-(2)	ng/g	<0.0021	0.0021	0.0095				7173905
4-MonoCB-(3)	ng/g	<0.0023	0.0023	0.0095				7173905
22'-DiCB-(4)	ng/g	<0.0042	0.0042	0.0095				7173905
2,3-DiCB-(5)	ng/g	<0.0018	0.0018	0.0095				7173905
2,3'-DiCB-(6)	ng/g	<0.0018	0.0018	0.0095				7173905
2,4-DiCB-(7)	ng/g	<0.0017	0.0017	0.0095				7173905
2,4'-DiCB-(8)	ng/g	0.0053	0.0018	0.0095				7173905
2,5-DiCB-(9)	ng/g	<0.0020	0.0020	0.0095				7173905
2,6-DiCB-(10)	ng/g	<0.0047	0.0047	0.0095				7173905
3,3'-DiCB-(11)	ng/g	0.0078	0.0020	0.0095				7173905
DiCB-(12)+(13)	ng/g	<0.0019	0.0019	0.019				7173905
3,5-DiCB-(14)	ng/g	<0.0019	0.0019	0.0095				7173905
4,4'-DiCB-(15)	ng/g	<0.0032	0.0032	0.0095				7173905
22'3-TriCB-(16)	ng/g	0.0093	0.0054	0.0095				7173905
22'4-TriCB-(17)	ng/g	0.0101	0.0035	0.0095				7173905
TriCB-(18)+(30)	ng/g	0.0354	0.0028	0.019				7173905
22'6-TriCB-(19)	ng/g	<0.0028	0.0028	0.0095				7173905
TriCB-(20) + (28)	ng/g	0.102	0.0021	0.019				7173905
TriCB-(21)+(33)	ng/g	0.0118	0.0019	0.019				7173905
234'-TriCB-(22)	ng/g	0.0199	0.0021	0.0095				7173905
235-TriCB-(23)	ng/g	<0.0022	0.0022	0.0095				7173905
236-TriCB-(24)	ng/g	<0.0022	0.0022	0.0095				7173905
23'4-TriCB-(25)	ng/g	0.0045	0.0020	0.0095				7173905
TriCB-(26)+(29)	ng/g	0.0125	0.0020	0.019				7173905
23'6-TriCB-(27)	ng/g	<0.0024	0.0024	0.0095				7173905
24'5-TriCB-(31)	ng/g	0.0997	0.0020	0.0095				7173905
24'6-TriCB-(32)	ng/g	<0.0023	0.0023	0.0095				7173905
23'5'-TriCB-(34)	ng/g	<0.0022	0.0022	0.0095				7173905
33'4-TriCB-(35)	ng/g	<0.0023	0.0023	0.0095				7173905
33'5-TriCB-(36)	ng/g	<0.0020	0.0020	0.0095				7173905
344'-TriCB-(37)	ng/g	0.0055	0.0036	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0022	0.0022	0.0095				7173905
34'5-TriCB-(39)	ng/g	<0.0021	0.0021	0.0095				7173905
TetraCB-(40)+(41)+(71)	ng/g	0.0231	0.0034	0.028				7173905
22'34'-TetraCB-(42)	ng/g	0.0245	0.0037	0.0095				7173905
22'35-TetraCB-(43)	ng/g	<0.0046	0.0046	0.0095				7173905
TetraCB-(44)+(47)+(65)	ng/g	0.171	0.0031	0.028				7173905
TetraCB-(45)+(51)	ng/g	0.0066	0.0035	0.019				7173905
22'36'-TetraCB-(46)	ng/g	<0.0040	0.0040	0.0095				7173905
22'45-TetraCB-(48)	ng/g	0.0124	0.0034	0.0095				7173905
TetraCB-(49)+TetraCB-(69)	ng/g	0.125	0.0029	0.019				7173905
TetraCB-(50)+(53)	ng/g	0.0072	0.0033	0.019				7173905
22'55'-TetraCB-(52)	ng/g	0.398	0.0036	0.0095				7173905
22'66'-TetraCB-(54)	ng/g	<0.0025	0.0025	0.0095				7173905
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.0095				7173905
233'4'-Tetra CB(56)	ng/g	0.0282	0.0029	0.0095				7173905
233'5-TetraCB-(57)	ng/g	<0.0028	0.0028	0.0095				7173905
233'5'-TetraCB-(58)	ng/g	<0.0029	0.0029	0.0095				7173905
TetraCB-(59)+(62)+(75)	ng/g	0.0117	0.0025	0.028				7173905
2344'-TetraCB -(60)	ng/g	0.0434	0.0029	0.0095				7173905
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.341	0.0027	0.038				7173905
234'5-TetraCB-(63)	ng/g	0.0135	0.0027	0.0095				7173905
234'6-TetraCB-(64)	ng/g	0.0625	0.0026	0.0095				7173905
23'44'-TetraCB-(66)	ng/g	0.189	0.0027	0.0095				7173905
23'45-TetraCB-(67)	ng/g	<0.0025	0.0025	0.0095				7173905
23'45'-TetraCB-(68)	ng/g	0.0096	0.0026	0.0095				7173905
23'55'-TetraCB-(72)	ng/g	0.0063	0.0027	0.0095				7173905
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0095				7173905
33'44'-TetraCB-(77)	ng/g	0.0144	0.0043	0.0095	0.000100	0.00000144		7173905
33'45-TetraCB-(78)	ng/g	<0.0029	0.0029	0.0095				7173905
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.0095				7173905
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0095				7173905
344'5-TetraCB-(81)	ng/g	<0.0042	0.0042	0.0095	0.000300	0.00000126		7173905
22'33'4-PentaCB-(82)	ng/g	0.0171	0.0039	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.686	0.0034	0.019				7173905
22'33'6-PentaCB-(84)	ng/g	0.0415	0.0038	0.0095				7173905
PentaCB-(85)+(116)+(117)	ng/g	0.120	0.0028	0.028				7173905
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.212	0.0027	0.057				7173905
PentaCB-(88)+(91)	ng/g	0.0398	0.0034	0.019				7173905
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.0095				7173905
PentaCB-(90)+(101)+(113)	ng/g	0.685	0.0029	0.028				7173905
22'355'-PentaCB-(92)	ng/g	0.131	0.0035	0.0095				7173905
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0080	0.0032	0.038				7173905
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.0095				7173905
22'35'6-PentaCB-(95)	ng/g	0.277	0.0033	0.0095				7173905
22'366'-PentaCB-(96)	ng/g	<0.0057	0.0057	0.0095				7173905
22'45'6-PentaCB-(103)	ng/g	0.0045	0.0030	0.0095				7173905
22'466'-PentaCB-(104)	ng/g	<0.0034	0.0034	0.0095				7173905
233'44'-PentaCB-(105)	ng/g	0.268	0.0026	0.0095	0.0000300	0.00000804		7173905
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.0095				7173905
233'4'5-PentaCB-(107)	ng/g	0.0644	0.0019	0.0095				7173905
PentaCB-(108)+(124)	ng/g	0.0177	0.0020	0.019				7173905
PentaCB-(110)+(115)	ng/g	0.374	0.0025	0.019				7173905
233'55'-PentaCB-(111)	ng/g	<0.0025	0.0025	0.0095				7173905
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.0095				7173905
2344'5-PentaCB-(114)	ng/g	0.0163	0.0026	0.0095	0.0000300	0.000000489		7173905
23'44'5-PentaCB-(118)	ng/g	0.832	0.0026	0.0095	0.0000300	0.0000250		7173905
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0095				7173905
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.0095				7173905
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.0095				7173905
23'44'5'-PentaCB-(123)	ng/g	0.0090	0.0028	0.0095	0.0000300	0.000000270		7173905
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.0095	0.100	0.000250		7173905
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.0095				7173905
HexaCB-(128)+(166)	ng/g	0.124	0.0039	0.019				7173905
HexaCB-(129)+(138)+(163)	ng/g	1.20	0.0041	0.028				7173905
22'33'45'-HexaCB-(130)	ng/g	0.0430	0.0053	0.0095				7173905
22'33'46-HexaCB-(131)	ng/g	<0.0050	0.0050	0.0095				7173905

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	0.0852	0.0051	0.0095				7173905
22'33'55'-HexaCB-(133)	ng/g	0.0271	0.0048	0.0095				7173905
HexaCB-(134)+(143)	ng/g	0.0162	0.0049	0.019				7173905
HexaCB-(135)+(151)	ng/g	0.196	0.0053	0.019				7173905
22'33'66'-HexaCB-(136)	ng/g	0.0259	0.0038	0.0095				7173905
22'344'5-HexaCB-(137)	ng/g	0.0413	0.0051	0.0095				7173905
HexaCB-(139)+(140)	ng/g	0.0096	0.0043	0.019				7173905
22'3455'-HexaCB-(141)	ng/g	0.0554	0.0044	0.0095				7173905
22'3456-HexaCB-(142)	ng/g	<0.0051	0.0051	0.0095				7173905
22'345'6-HexaCB-(144)	ng/g	0.0163	0.0052	0.0095				7173905
22'3466'-HexaCB-(145)	ng/g	<0.0039	0.0039	0.0095				7173905
22'34'55'-HexaCB-(146)	ng/g	0.209	0.0041	0.0095				7173905
HexaCB-(147)+(149)	ng/g	0.381	0.0042	0.019				7173905
22'34'56'-HexaCB-(148)	ng/g	<0.0052	0.0052	0.0095				7173905
22'34'66'-HexaCB-(150)	ng/g	<0.0037	0.0037	0.0095				7173905
22'3566'-HexaCB-(152)	ng/g	<0.0038	0.0038	0.0095				7173905
HexaCB-(153)+(168)	ng/g	1.58	0.0036	0.0095				7173905
22'44'56'-HexaCB-(154)	ng/g	0.0198	0.0045	0.0095				7173905
22'44'66'-HexaCB-(155)	ng/g	0.0047	0.0027	0.0095				7173905
HexaCB-(156)+(157)	ng/g	0.0700	0.0052	0.019	0.0000300	0.00000210		7173905
233'44'6-HexaCB-(158)	ng/g	0.0557	0.0032	0.0095				7173905
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.0095				7173905
233'456-HexaCB-(160)	ng/g	<0.0036	0.0036	0.0095				7173905
233'45'6-HexaCB-(161)	ng/g	<0.0034	0.0034	0.0095				7173905
233'4'55'-HexaCB-(162)	ng/g	0.0063	0.0039	0.0095				7173905
233'4'5'6-HexaCB-(164)	ng/g	0.0258	0.0031	0.0095				7173905
233'55'6-HexaCB-(165)	ng/g	<0.0036	0.0036	0.0095				7173905
23'44'55'-HexaCB-(167)	ng/g	0.0340	0.0049	0.0095	0.0000300	0.00000102		7173905
33'44'55'-HexaCB-(169)	ng/g	<0.0053	0.0053	0.0095	0.0300	0.000159		7173905
22'33'44'5-HeptaCB-(170)	ng/g	0.0680	0.0044	0.0095				7173905
HeptaCB-(171)+(173)	ng/g	0.0235	0.0052	0.019				7173905
22'33'455'-HeptaCB-(172)	ng/g	0.0156	0.0055	0.0095				7173905
22'33'456'-HeptaCB-(174)	ng/g	0.0267	0.0046	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0092	0.0092	0.0095				7173905
22'33'466'-HeptaCB-(176)	ng/g	<0.0067	0.0067	0.0095				7173905
22'33'45'6'-HeptaCB-(177)	ng/g	0.0478	0.0055	0.0095				7173905
22'33'55'6-HeptaCB-(178)	ng/g	0.0508	0.0095	0.0095				7173905
22'33'566'-HeptaCB-(179)	ng/g	0.0317	0.0065	0.0095				7173905
HeptaCB-(180)+(193)	ng/g	0.206	0.0041	0.019				7173905
22'344'56-HeptaCB-(181)	ng/g	<0.0052	0.0052	0.0095				7173905
22'344'56'-HeptaCB-(182)	ng/g	<0.0087	0.0087	0.0095				7173905
22'344'5'6-HeptaCB-(183)	ng/g	0.0728	0.0052	0.0095				7173905
22'344'66'-HeptaCB-(184)	ng/g	<0.0063	0.0063	0.0095				7173905
22'3455'6-HeptaCB-(185)	ng/g	<0.0050	0.0050	0.0095				7173905
22'34566'-HeptaCB-(186)	ng/g	<0.0070	0.0070	0.0095				7173905
22'34'55'6-HeptaCB-(187)	ng/g	0.255	0.0085	0.0095				7173905
22'34'566'-HeptaCB-(188)	ng/g	<0.0060	0.0060	0.0095				7173905
233'44'55'-HeptaCB-(189)	ng/g	0.0039	0.0028	0.0095	0.0000300	0.000000117		7173905
233'44'56-HeptaCB-(190)	ng/g	0.0166	0.0040	0.0095				7173905
233'44'5'6-HeptaCB-(191)	ng/g	<0.0040	0.0040	0.0095				7173905
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0095				7173905
22'33'44'55'-OctaCB-(194)	ng/g	0.0225	0.0040	0.0095				7173905
22'33'44'56-OctaCB-(195)	ng/g	0.0075	0.0042	0.0095				7173905
22'33'44'56'-OctaCB-(196)	ng/g	0.0145	0.0086	0.0095				7173905
22'33'44'66'OctaCB-(197)	ng/g	<0.0070	0.0070	0.0095				7173905
OctaCB-(198)+(199)	ng/g	0.0328	0.0085	0.019				7173905
22'33'4566'-OctaCB-(200)	ng/g	<0.0052	0.0052	0.0095				7173905
22'33'45'66'-OctaCB-(201)	ng/g	<0.0060	0.0060	0.0095				7173905
22'33'55'66'-OctaCB-(202)	ng/g	0.0209	0.0056	0.0095				7173905
22'344'55'6-OctaCB-(203)	ng/g	0.0264	0.0078	0.0095				7173905
22'344'566'-OctaCB-(204)	ng/g	<0.0062	0.0062	0.0095				7173905
233'44'55'6-OctaCB-(205)	ng/g	<0.0041	0.0041	0.0095				7173905
22'33'44'55'6-NonaCB-(206)	ng/g	0.0111	0.0059	0.0095				7173905
22'33'44'566'-NonaCB-(207)	ng/g	<0.0047	0.0047	0.0095				7173905
22'33'455'66'-NonaCB-(208)	ng/g	<0.0060	0.0060	0.0095				7173905
DecaCB-(209)	ng/g	0.0060	0.0049	0.0095				7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA210						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-45	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000449		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78						7173905
C13-22'33'44'55'6-NonaCB-(206)	%	85						7173905
C13-22'33'44'5-HeptaCB-(170)	%	94						7173905
C13-22'33'455'66'-NonaCB-(208)	%	83						7173905
C13-22'33'55'66'-OctaCB-(202)	%	82						7173905
C13-22'33'55'6-HeptaCB-(178)	%	84						7173905
C13-22'344'55'-HeptaCB-(180)	%	90						7173905
C13-22'34'566'-HeptaCB-(188)	%	72						7173905
C13-22'44'66'-HexaCB-(155)	%	69						7173905
C13-22'466'-PentaCB-(104)	%	66						7173905
C13-22'66'-TetraCB-(54)	%	61						7173905
C13-22'6-TriCB-(19)	%	58						7173905
C13-22'-DiCB-(4)	%	49						7173905
C13-233'44'55'6-OctaCB-(205)	%	84						7173905
C13-233'44'55'-HeptaCB-(189)	%	91						7173905
C13-233'44'-PentaCB-(105)	%	77						7173905
C13-233'55'-PentaCB-(111)	%	85						7173905
C13-23'44'55'-HexaCB-(167)	%	82						7173905
C13-2344'5-PentaCB-(114)	%	81						7173905
C13-23'44'5-PentaCB-(118)	%	81						7173905
C13-2'344'5-PentaCB-(123)	%	81						7173905
C13-2-MonoCB-(1)	%	43						7173905
C13-33'44'55'-HexaCB-(169)	%	70						7173905
C13-33'44'5-PentaCB-(126)	%	80						7173905
C13-33'44'-TetraCB-(77)	%	80						7173905
C13-344'5-TetraCB-(81)	%	79						7173905
C13-344'-TriCB-(37)	%	73						7173905
C13-44'-DiCB-(15)	%	66						7173905
C13-4-MonoCB-(3)	%	47						7173905
C13-DecaCB-(209)	%	85						7173905
C13-HexaCB-(156)+(157)	%	79						7173905

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.00091	0.00091	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0012	0.0012	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.0012	0.0012	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0013	0.0013	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.0099				7185195
3,3'-DiCB-(11)	ng/g	0.0031	0.0013	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0012	0.0012	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0012	0.0012	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.0021	0.0021	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0016	0.0016	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0013	0.0013	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0039	0.0015	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0014	0.0014	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0015	0.0015	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0015	0.0015	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0010	0.0010	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0014	0.0014	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0011	0.0011	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.0032	0.0014	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0010	0.0010	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0015	0.0015	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0025	0.0025	0.0099				7185195
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0026	0.0026	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0028	0.0028	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0036	0.0036	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0063	0.0024	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0031	0.0031	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0027	0.0027	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0040	0.0023	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0026	0.0026	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0126	0.0028	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0033	0.0033	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0018	0.0018	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0020	0.0020	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0018	0.0018	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0146	0.0017	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0099				7185195
234'6-TetraCB-(64)	ng/g	<0.0020	0.0020	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	<0.0057 (1)	0.0057	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0018	0.0018	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0027	0.0027	0.0099	0.000100	0.000000270		7185195
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.0099	0.000300	0.000000780		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0031	0.0031	0.0099				7185195
PentaCB-(83)+(99)	ng/g	0.0259	0.0027	0.020				7185195

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0030	0.0030	0.0099				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0033	0.0022	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0074	0.0022	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0027	0.0027	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0232	0.0023	0.030				7185195
22'355'-PentaCB-(92)	ng/g	<0.0053 (1)	0.0053	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0025	0.0025	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0029	0.0029	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	0.0081	0.0026	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0032	0.0032	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0024	0.0024	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0019	0.0019	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	0.0089	0.0019	0.0099	0.0000300	0.000000267		7185195
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0013	0.0013	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0014	0.0014	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0123	0.0019	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0020	0.0020	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0018	0.0018	0.0099	0.0000300	0.0000000540		7185195
23'44'5-PentaCB-(118)	ng/g	0.0267	0.0018	0.0099	0.0000300	0.000000801		7185195
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0019	0.0019	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0020	0.0020	0.0099	0.0000300	0.0000000600		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0099	0.100	0.000180		7185195
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0099				7185195
HexaCB-(128)+(166)	ng/g	<0.0034	0.0034	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0442	0.0036	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0044	0.0044	0.0099				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0045	0.0045	0.0099				7185195

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0042	0.0042	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0043	0.0043	0.020				7185195
HexaCB-(135)+(151)	ng/g	0.0081	0.0057	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0041	0.0041	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0044	0.0044	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0037	0.0037	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0038	0.0038	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0045	0.0045	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0056	0.0056	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0042	0.0042	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0069	0.0036	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0075	0.0037	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0040	0.0040	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0041	0.0041	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0587	0.0032	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0049	0.0049	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0029	0.0029	0.0099				7185195
HexaCB-(156)+(157)	ng/g	<0.0056	0.0056	0.020	0.0000300	0.000000168		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0028	0.0028	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0043	0.0043	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0031	0.0031	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0042	0.0042	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0027	0.0027	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0052	0.0052	0.0099	0.0000300	0.000000156		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0057	0.0057	0.0099	0.0300	0.000171		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0038	0.0038	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0044	0.0044	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0040	0.0040	0.0099				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0034	0.0034	0.0099				7185195

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0033	0.0033	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0103	0.0035	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0044	0.0044	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	0.0047	0.0045	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0043	0.0043	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0035	0.0035	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0103	0.0043	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0031	0.0031	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0042	0.0042	0.0099	0.0000300	0.000000126		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0034	0.0034	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0034	0.0034	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0041	0.0041	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0065	0.0065	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0053	0.0053	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0064	0.0064	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0039	0.0039	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0045	0.0045	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0042	0.0042	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0059	0.0059	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0046	0.0046	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0041	0.0041	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0063	0.0063	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0050	0.0050	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0065	0.0065	0.0099				7185195
DecaCB-(209)	ng/g	<0.0075	0.0075	0.0099				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000354		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	84						7185195
C13-22'33'44'5-HeptaCB-(170)	%	101						7185195
C13-22'33'455'66'-NonaCB-(208)	%	94						7185195
C13-22'33'55'66'-OctaCB-(202)	%	98						7185195
C13-22'33'55'6-HeptaCB-(178)	%	86						7185195
C13-22'344'55'-HeptaCB-(180)	%	101						7185195
C13-22'34'566'-HeptaCB-(188)	%	80						7185195
C13-22'44'66'-HexaCB-(155)	%	78						7185195
C13-22'466'-PentaCB-(104)	%	75						7185195
C13-22'66'-TetraCB-(54)	%	72						7185195
C13-22'6-TriCB-(19)	%	66						7185195
C13-22'-DiCB-(4)	%	63						7185195
C13-233'44'55'6-OctaCB-(205)	%	90						7185195
C13-233'44'55'-HeptaCB-(189)	%	95						7185195
C13-233'44'-PentaCB-(105)	%	87						7185195
C13-233'55'-PentaCB-(111)	%	85						7185195
C13-23'44'55'-HexaCB-(167)	%	85						7185195
C13-2344'5-PentaCB-(114)	%	84						7185195
C13-23'44'5-PentaCB-(118)	%	86						7185195
C13-2'344'5-PentaCB-(123)	%	85						7185195
C13-2-MonoCB-(1)	%	62						7185195
C13-33'44'55'-HexaCB-(169)	%	71						7185195
C13-33'44'5-PentaCB-(126)	%	88						7185195
C13-33'44'-TetraCB-(77)	%	82						7185195
C13-344'5-TetraCB-(81)	%	81						7185195
C13-344'-TriCB-(37)	%	78						7185195
C13-44'-DiCB-(15)	%	74						7185195
C13-4-MonoCB-(3)	%	62						7185195
C13-DecaCB-(209)	%	82						7185195
C13-HexaCB-(156)+(157)	%	84						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00098	0.00098	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.00086	0.00086	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.00096	0.00096	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0027	0.0027	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0027	0.0027	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0026	0.0026	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.0027	0.0027	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0029	0.0029	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0030	0.0030	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0028	0.0028	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0028	0.0028	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.0047	0.0047	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0048	0.0048	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0031	0.0031	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0025	0.0025	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0025	0.0025	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0041	0.0016	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0015	0.0015	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0016	0.0016	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0015	0.0015	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0021	0.0021	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.0031	0.0015	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.0099				7185195
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0031	0.0031	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0033	0.0033	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0041	0.0041	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0064	0.0028	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0032	0.0032	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0036	0.0036	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0031	0.0031	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0061	0.0026	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0030	0.0030	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0152	0.0032	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0036	0.0036	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0024	0.0024	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0023	0.0023	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0023	0.0023	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0023	0.0023	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0023	0.0023	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0024	0.0024	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0190	0.0022	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0022	0.0022	0.0099				7185195
234'6-TetraCB-(64)	ng/g	0.0034	0.0023	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	0.0085	0.0022	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0021	0.0021	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0021	0.0021	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0022	0.0022	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0035	0.0035	0.0099	0.000100	0.000000350		7185195
33'45-TetraCB-(78)	ng/g	<0.0023	0.0023	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0021	0.0021	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0020	0.0020	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0034	0.0034	0.0099	0.000300	0.00000102		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0037	0.0037	0.0099				7185195
PentaCB-(83)+(99)	ng/g	0.0346	0.0033	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0036	0.0036	0.0099				7185195

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0058	0.0027	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0098	0.0026	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0032	0.0032	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0291	0.0028	0.030				7185195
22'355'-PentaCB-(92)	ng/g	0.0073	0.0034	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0031	0.0031	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0035	0.0035	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	0.0121	0.0032	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0035	0.0035	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	0.0125	0.0039	0.0099	0.0000300	0.000000375		7185195
233'45-PentaCB-(106)	ng/g	<0.0031	0.0031	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0028	0.0028	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0030	0.0030	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0167	0.0024	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0039	0.0039	0.0099	0.0000300	0.000000117		7185195
23'44'5-PentaCB-(118)	ng/g	0.0380	0.0039	0.0099	0.0000300	0.00000114		7185195
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0034	0.0034	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0042	0.0042	0.0099	0.0000300	0.000000126		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0037	0.0037	0.0099	0.100	0.000370		7185195
33'455'-PentaCB-(127)	ng/g	<0.0031	0.0031	0.0099				7185195
HexaCB-(128)+(166)	ng/g	<0.0043	0.0043	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0560	0.0045	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0059	0.0059	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0056	0.0056	0.0099				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0056	0.0056	0.0099				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0053	0.0053	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0054	0.0054	0.020				7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	0.0100	0.0066	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0048	0.0048	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0056	0.0056	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0047	0.0047	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0048	0.0048	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0056	0.0056	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0065	0.0065	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0048	0.0048	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0094	0.0045	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0093	0.0047	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0066	0.0066	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0046	0.0046	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0047	0.0047	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0728	0.0040	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0057	0.0057	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0034	0.0034	0.0099				7185195
HexaCB-(156)+(157)	ng/g	<0.0033	0.0033	0.020	0.0000300	0.000000099		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0035	0.0035	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0025	0.0025	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0040	0.0040	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0038	0.0038	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0034	0.0034	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0040	0.0040	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0031	0.0031	0.0099	0.0000300	0.0000000930		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.0099	0.0300	0.0000990		7185195
22'33'44'5-HeptaCB-(170)	ng/g	0.0051	0.0034	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0065	0.0065	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0068	0.0068	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0046	0.0046	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0125	0.0031	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0040	0.0040	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0062	0.0062	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	0.0044	0.0040	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0045	0.0045	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0039	0.0039	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0050	0.0050	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	<0.012 (1)	0.012	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0043	0.0043	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0041	0.0041	0.0099	0.0000300	0.000000123		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0031	0.0031	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0031	0.0031	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0046	0.0046	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0049	0.0049	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0084	0.0084	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0068	0.0068	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0083	0.0083	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0058	0.0058	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0054	0.0054	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0076	0.0076	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0060	0.0060	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0062	0.0062	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0049	0.0049	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0063	0.0063	0.0099				7185195
DecaCB-(209)	ng/g	<0.0074	0.0074	0.0099				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000472		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	52						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	85						7185195

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'5-HeptaCB-(170)	%	96						7185195
C13-22'33'455'66'-NonaCB-(208)	%	90						7185195
C13-22'33'55'66'-OctaCB-(202)	%	91						7185195
C13-22'33'55'6-HeptaCB-(178)	%	59						7185195
C13-22'344'55'-HeptaCB-(180)	%	96						7185195
C13-22'34'566'-HeptaCB-(188)	%	79						7185195
C13-22'44'66'-HexaCB-(155)	%	77						7185195
C13-22'466'-PentaCB-(104)	%	74						7185195
C13-22'66'-TetraCB-(54)	%	67						7185195
C13-22'6-TriCB-(19)	%	70						7185195
C13-22'-DiCB-(4)	%	63						7185195
C13-233'44'55'6-OctaCB-(205)	%	90						7185195
C13-233'44'55'-HeptaCB-(189)	%	93						7185195
C13-233'44'-PentaCB-(105)	%	88						7185195
C13-233'55'-PentaCB-(111)	%	58						7185195
C13-23'44'55'-HexaCB-(167)	%	87						7185195
C13-2344'5-PentaCB-(114)	%	85						7185195
C13-23'44'5-PentaCB-(118)	%	87						7185195
C13-2'344'5-PentaCB-(123)	%	87						7185195
C13-2-MonoCB-(1)	%	63						7185195
C13-33'44'55'-HexaCB-(169)	%	77						7185195
C13-33'44'5-PentaCB-(126)	%	87						7185195
C13-33'44'-TetraCB-(77)	%	83						7185195
C13-344'5-TetraCB-(81)	%	82						7185195
C13-344'-TriCB-(37)	%	79						7185195
C13-44'-DiCB-(15)	%	73						7185195
C13-4-MonoCB-(3)	%	62						7185195
C13-DecaCB-(209)	%	86						7185195
C13-HexaCB-(156)+(157)	%	88						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0011	0.0011	0.010				7185195
3-MonoCB-(2)	ng/g	<0.00099	0.00099	0.010				7185195
4-MonoCB-(3)	ng/g	<0.0011	0.0011	0.010				7185195
22'-DiCB-(4)	ng/g	<0.0024	0.0024	0.010				7185195
2,3-DiCB-(5)	ng/g	<0.0022	0.0022	0.010				7185195
2,3'-DiCB-(6)	ng/g	<0.0022	0.0022	0.010				7185195
2,4-DiCB-(7)	ng/g	<0.0021	0.0021	0.010				7185195
2,4'-DiCB-(8)	ng/g	<0.0022	0.0022	0.010				7185195
2,5-DiCB-(9)	ng/g	<0.0023	0.0023	0.010				7185195
2,6-DiCB-(10)	ng/g	<0.0027	0.0027	0.010				7185195
3,3'-DiCB-(11)	ng/g	<0.0024	0.0024	0.010				7185195
DiCB-(12)+(13)	ng/g	<0.0022	0.0022	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0022	0.0022	0.010				7185195
4,4'-DiCB-(15)	ng/g	<0.0038	0.0038	0.010				7185195
22'3-TriCB-(16)	ng/g	<0.0047	0.0047	0.010				7185195
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.010				7185195
TriCB-(18)+(30)	ng/g	<0.0024	0.0024	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0024	0.0024	0.010				7185195
TriCB-(20) + (28)	ng/g	0.0027	0.0013	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0013	0.0013	0.010				7185195
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010				7185195
236-TriCB-(24)	ng/g	<0.0020	0.0020	0.010				7185195
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.010				7185195
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.010				7185195
24'5-TriCB-(31)	ng/g	0.0019	0.0012	0.010				7185195
24'6-TriCB-(32)	ng/g	<0.0020	0.0020	0.010				7185195
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.010				7185195
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.010				7185195
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010				7185195
344'-TriCB-(37)	ng/g	<0.0022	0.0022	0.010				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0013	0.0013	0.010				7185195
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0033	0.0033	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0036	0.0036	0.010				7185195
22'35-TetraCB-(43)	ng/g	<0.0045	0.0045	0.010				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0037	0.0030	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0039	0.0039	0.010				7185195
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.010				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0028	0.0028	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0032	0.0032	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0075	0.0034	0.010				7185195
22'66'-TetraCB-(54)	ng/g	<0.0039	0.0039	0.010				7185195
233'4-TetraCB-(55)	ng/g	<0.0020	0.0020	0.010				7185195
233'4'-Tetra CB(56)	ng/g	<0.0020	0.0020	0.010				7185195
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010				7185195
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0025	0.0025	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0020	0.0020	0.010				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0070	0.0018	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0019	0.0019	0.010				7185195
234'6-TetraCB-(64)	ng/g	<0.0025	0.0025	0.010				7185195
23'44'-TetraCB-(66)	ng/g	0.0037	0.0019	0.010				7185195
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.010				7185195
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010				7185195
23'55'-TetraCB-(72)	ng/g	<0.0019	0.0019	0.010				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.010				7185195
33'44'-TetraCB-(77)	ng/g	<0.0029	0.0029	0.010	0.000100	0.000000290		7185195
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010				7185195
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.010				7185195
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010				7185195
344'5-TetraCB-(81)	ng/g	<0.0029	0.0029	0.010	0.000300	0.000000870		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.010				7185195

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0127	0.0034	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0038	0.0038	0.010				7185195
PentaCB-(85)+(116)+(117)	ng/g	<0.0027	0.0027	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0047	0.0027	0.060				7185195
PentaCB-(88)+(91)	ng/g	<0.0033	0.0033	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0036	0.0036	0.010				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0117	0.0028	0.030				7185195
22'355'-PentaCB-(92)	ng/g	<0.0035	0.0035	0.010				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.010				7185195
22'35'6-PentaCB-(95)	ng/g	0.0046	0.0033	0.010				7185195
22'366'-PentaCB-(96)	ng/g	<0.0041	0.0041	0.010				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0030	0.0030	0.010				7185195
22'466'-PentaCB-(104)	ng/g	<0.0025	0.0025	0.010				7185195
233'44'-PentaCB-(105)	ng/g	0.0041	0.0026	0.010	0.0000300	0.000000123		7185195
233'45-PentaCB-(106)	ng/g	<0.0021	0.0021	0.010				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0019	0.0019	0.010				7185195
PentaCB-(108)+(124)	ng/g	<0.0020	0.0020	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0077	0.0024	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.010				7185195
233'56-PentaCB-(112)	ng/g	<0.0025	0.0025	0.010				7185195
2344'5-PentaCB-(114)	ng/g	<0.0026	0.0026	0.010	0.0000300	0.0000000780		7185195
23'44'5-PentaCB-(118)	ng/g	0.0141	0.0026	0.010	0.0000300	0.000000423		7185195
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.010				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.010				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.010				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0028	0.0028	0.010	0.0000300	0.0000000840		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.010	0.100	0.000250		7185195
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.010				7185195
HexaCB-(128)+(166)	ng/g	<0.0042	0.0042	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0206	0.0044	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0056	0.0056	0.010				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0053	0.0053	0.010				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0054	0.0054	0.010				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0051	0.0051	0.010				7185195
HexaCB-(134)+(143)	ng/g	<0.0052	0.0052	0.020				7185195
HexaCB-(135)+(151)	ng/g	<0.0098	0.0098	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0071	0.0071	0.010				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0054	0.0054	0.010				7185195
HexaCB-(139)+(140)	ng/g	<0.0045	0.0045	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0046	0.0046	0.010				7185195
22'3456-HexaCB-(142)	ng/g	<0.0054	0.0054	0.010				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0096	0.0096	0.010				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0071	0.0071	0.010				7185195
22'34'55'-HexaCB-(146)	ng/g	<0.0044	0.0044	0.010				7185195
HexaCB-(147)+(149)	ng/g	0.0055	0.0045	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0097	0.0097	0.010				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0068	0.0068	0.010				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0070	0.0070	0.010				7185195
HexaCB-(153)+(168)	ng/g	0.0255	0.0038	0.010				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0084	0.0084	0.010				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0050	0.0050	0.010				7185195
HexaCB-(156)+(157)	ng/g	<0.0029	0.0029	0.020	0.0000300	0.0000000870		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0034	0.0034	0.010				7185195
233'455'-HexaCB-(159)	ng/g	<0.0023	0.0023	0.010				7185195
233'456-HexaCB-(160)	ng/g	<0.0038	0.0038	0.010				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0036	0.0036	0.010				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0022	0.0022	0.010				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0033	0.0033	0.010				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.010				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0027	0.0027	0.010	0.0000300	0.0000000810		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0030	0.0030	0.010	0.0300	0.0000900		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0033	0.0033	0.010				7185195
HeptaCB-(171)+(173)	ng/g	<0.0039	0.0039	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0041	0.0041	0.010				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0035	0.0035	0.010				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0043	0.0043	0.010				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0032	0.0032	0.010				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0041	0.0041	0.010				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0045	0.0045	0.010				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0031	0.0031	0.010				7185195
HeptaCB-(180)+(193)	ng/g	0.0045	0.0030	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0039	0.0039	0.010				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0041	0.0041	0.010				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0039	0.0039	0.010				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0030	0.0030	0.010				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0037	0.0037	0.010				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0033	0.0033	0.010				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0057	0.0040	0.010				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0028	0.0028	0.010				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0049	0.0049	0.010	0.0000300	0.000000147		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.010				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.010				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.010				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0066	0.0066	0.010				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0070	0.0070	0.010				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0094	0.0094	0.010				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0076	0.0076	0.010				7185195
OctaCB-(198)+(199)	ng/g	<0.0092	0.0092	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0056	0.0056	0.010				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0065	0.0065	0.010				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0060	0.0060	0.010				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0085	0.0085	0.010				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0067	0.0067	0.010				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0069	0.0069	0.010				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0067	0.0067	0.010				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0053	0.0053	0.010				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0068	0.0068	0.010				7185195
DecaCB-(209)	ng/g	<0.0088	0.0088	0.010				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000342		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	79						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	80						7185195
C13-22'33'44'5-HeptaCB-(170)	%	92						7185195
C13-22'33'455'66'-NonaCB-(208)	%	86						7185195
C13-22'33'55'66'-OctaCB-(202)	%	90						7185195
C13-22'33'55'6-HeptaCB-(178)	%	84						7185195
C13-22'344'55'-HeptaCB-(180)	%	95						7185195
C13-22'34'566'-HeptaCB-(188)	%	80						7185195
C13-22'44'66'-HexaCB-(155)	%	77						7185195
C13-22'466'-PentaCB-(104)	%	75						7185195
C13-22'66'-TetraCB-(54)	%	71						7185195
C13-22'6-TriCB-(19)	%	64						7185195
C13-22'-DiCB-(4)	%	63						7185195
C13-233'44'55'6-OctaCB-(205)	%	85						7185195
C13-233'44'55'-HeptaCB-(189)	%	94						7185195
C13-233'44'-PentaCB-(105)	%	85						7185195
C13-233'55'-PentaCB-(111)	%	83						7185195
C13-23'44'55'-HexaCB-(167)	%	87						7185195
C13-2344'5-PentaCB-(114)	%	80						7185195
C13-23'44'5-PentaCB-(118)	%	84						7185195
C13-2'344'5-PentaCB-(123)	%	84						7185195
C13-2-MonoCB-(1)	%	62						7185195
C13-33'44'55'-HexaCB-(169)	%	71						7185195
C13-33'44'5-PentaCB-(126)	%	81						7185195
C13-33'44'-TetraCB-(77)	%	81						7185195
C13-344'5-TetraCB-(81)	%	83						7185195
C13-344'-TriCB-(37)	%	82						7185195
C13-44'-DiCB-(15)	%	72						7185195
C13-4-MonoCB-(3)	%	64						7185195
C13-DecaCB-(209)	%	81						7185195
C13-HexaCB-(156)+(157)	%	83						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0017	0.0017	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.0017	0.0017	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0076	0.0076	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0067	0.0067	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0070	0.0070	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.0060	0.0060	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0065	0.0065	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0071	0.0071	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0068	0.0068	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0068	0.0068	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0047	0.0047	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0037	0.0037	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0028	0.0028	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0026	0.0026	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0016	0.0012	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0023	0.0023	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0025	0.0025	0.0099				7185195
24'5-TriCB-(31)	ng/g	<0.0011	0.0011	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0024	0.0024	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099				7185195
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0050	0.0050	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0051	0.0051	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0061	0.0061	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	<0.0045	0.0045	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0052	0.0052	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0061	0.0061	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0051	0.0051	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0043	0.0043	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0050	0.0050	0.020				7185195
22'55'-TetraCB-(52)	ng/g	<0.0056	0.0056	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0033	0.0033	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0025	0.0025	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0025	0.0025	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0025	0.0025	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0024	0.0024	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0037	0.0037	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0025	0.0025	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0048	0.0023	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0023	0.0023	0.0099				7185195
234'6-TetraCB-(64)	ng/g	<0.0037	0.0037	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	<0.0024	0.0024	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0023	0.0023	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0023	0.0023	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0024	0.0024	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0035	0.0035	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0037	0.0037	0.0099	0.000100	0.000000370		7185195
33'45-TetraCB-(78)	ng/g	<0.0024	0.0024	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0023	0.0023	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0022	0.0022	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0036	0.0036	0.0099	0.000300	0.00000108		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.0099				7185195

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0059	0.0030	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0033	0.0033	0.0099				7185195
PentaCB-(85)+(116)+(117)	ng/g	<0.0023	0.0023	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0024	0.0024	0.060				7185195
PentaCB-(88)+(91)	ng/g	<0.0029	0.0029	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0046	0.0025	0.030				7185195
22'355'-PentaCB-(92)	ng/g	<0.0031	0.0031	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	<0.0029	0.0029	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0039	0.0039	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0022	0.0022	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630		7185195
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0015	0.0015	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0017	0.0017	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0029	0.0021	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.0099	0.0000300	0.0000000630		7185195
23'44'5-PentaCB-(118)	ng/g	0.0062	0.0021	0.0099	0.0000300	0.000000186		7185195
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0023	0.0023	0.0099	0.0000300	0.0000000690		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0020	0.0020	0.0099	0.100	0.000200		7185195
33'455'-PentaCB-(127)	ng/g	<0.0016	0.0016	0.0099				7185195
HexaCB-(128)+(166)	ng/g	<0.0043	0.0043	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0098	0.0045	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0058	0.0058	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0056	0.0056	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0057	0.0057	0.0099				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0054	0.0054	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0057	0.0057	0.020				7185195
HexaCB-(135)+(151)	ng/g	<0.0065	0.0065	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0049	0.0049	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0057	0.0057	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0049	0.0049	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0047	0.0047	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0059	0.0059	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0065	0.0065	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0051	0.0051	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	<0.0046	0.0046	0.0099				7185195
HexaCB-(147)+(149)	ng/g	<0.0054	0.0054	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0067	0.0067	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0047	0.0047	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0049	0.0049	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0135	0.0040	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0056	0.0056	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.0099				7185195
HexaCB-(156)+(157)	ng/g	<0.0032	0.0032	0.020	0.0000300	0.000000096		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0035	0.0035	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0041	0.0041	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0039	0.0039	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0035	0.0035	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0041	0.0041	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0030	0.0030	0.0099	0.0000300	0.0000000900		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.0099	0.0300	0.0000990		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0035	0.0035	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0041	0.0041	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0040	0.0040	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0058	0.0058	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0044	0.0044	0.0099				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0063	0.0063	0.0099				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0043	0.0043	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	<0.0031	0.0031	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0041	0.0041	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0058	0.0058	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0041	0.0041	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0041	0.0041	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0045	0.0045	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	<0.0056	0.0056	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0044	0.0044	0.0099	0.0000300	0.000000132		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0031	0.0031	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0031	0.0031	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0046	0.0046	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0073	0.0073	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0072	0.0072	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0049	0.0049	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0052	0.0052	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0047	0.0047	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0067	0.0067	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0053	0.0053	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0083	0.0083	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0070	0.0070	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0085	0.0085	0.0099				7185195
DecaCB-(209)	ng/g	<0.0083	0.0083	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000301		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	80						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	82						7185195
C13-22'33'44'5-HeptaCB-(170)	%	92						7185195
C13-22'33'455'66'-NonaCB-(208)	%	89						7185195
C13-22'33'55'66'-OctaCB-(202)	%	94						7185195
C13-22'33'55'6-HeptaCB-(178)	%	86						7185195
C13-22'344'55'-HeptaCB-(180)	%	92						7185195
C13-22'34'566'-HeptaCB-(188)	%	83						7185195
C13-22'44'66'-HexaCB-(155)	%	78						7185195
C13-22'466'-PentaCB-(104)	%	72						7185195
C13-22'66'-TetraCB-(54)	%	76						7185195
C13-22'6-TriCB-(19)	%	61						7185195
C13-22'-DiCB-(4)	%	64						7185195
C13-233'44'55'6-OctaCB-(205)	%	88						7185195
C13-233'44'55'-HeptaCB-(189)	%	100						7185195
C13-233'44'-PentaCB-(105)	%	90						7185195
C13-233'55'-PentaCB-(111)	%	79						7185195
C13-23'44'55'-HexaCB-(167)	%	89						7185195
C13-2344'5-PentaCB-(114)	%	90						7185195
C13-23'44'5-PentaCB-(118)	%	87						7185195
C13-2'344'5-PentaCB-(123)	%	89						7185195
C13-2-MonoCB-(1)	%	63						7185195
C13-33'44'55'-HexaCB-(169)	%	72						7185195
C13-33'44'5-PentaCB-(126)	%	90						7185195
C13-33'44'-TetraCB-(77)	%	90						7185195
C13-344'5-TetraCB-(81)	%	89						7185195
C13-344'-TriCB-(37)	%	82						7185195
C13-44'-DiCB-(15)	%	69						7185195
C13-4-MonoCB-(3)	%	59						7185195
C13-DecaCB-(209)	%	77						7185195
C13-HexaCB-(156)+(157)	%	88						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0098				7185195
3-MonoCB-(2)	ng/g	<0.00098	0.00098	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.0018	0.0018	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0065	0.0065	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.0057	0.0057	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.0059	0.0059	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.0051	0.0051	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.0055	0.0055	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.0020	0.0020	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0060	0.0060	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.0057	0.0057	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0057	0.0057	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.0098	0.0098	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0037	0.0037	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0030	0.0030	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.0022	0.0022	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0021	0.0021	0.0098				7185195
TriCB-(20) + (28)	ng/g	0.0031	0.0011	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0011	0.0011	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0011	0.0011	0.0098				7185195
235-TriCB-(23)	ng/g	<0.0011	0.0011	0.0098				7185195
236-TriCB-(24)	ng/g	<0.0018	0.0018	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.0010	0.0010	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.0011	0.0011	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0020	0.0020	0.0098				7185195
24'5-TriCB-(31)	ng/g	0.0024	0.0010	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.0019	0.0019	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0012	0.0012	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0011	0.0011	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.0010	0.0010	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0019	0.0019	0.0098				7185195
345-TriCB-(38)	ng/g	<0.0011	0.0011	0.0098				7185195

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0037	0.0037	0.029				7185195
22'34'-TetraCB-(42)	ng/g	<0.0039	0.0039	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0046	0.0046	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0048	0.0034	0.029				7185195
TetraCB-(45)+(51)	ng/g	<0.0039	0.0039	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0046	0.0046	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0038	0.0038	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0032	0.0032	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0038	0.0038	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0095	0.0042	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0029	0.0029	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0016	0.0016	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0017	0.0017	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0028	0.0028	0.029				7185195
2344'-TetraCB -(60)	ng/g	<0.0016	0.0016	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0120	0.0015	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0028	0.0028	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0059	0.0015	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0015	0.0015	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0026	0.0026	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0024	0.0024	0.0098	0.000100	0.000000240		7185195
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0015	0.0015	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0023	0.0023	0.0098	0.000300	0.000000690		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0034	0.0034	0.0098				7185195
PentaCB-(83)+(99)	ng/g	0.0213	0.0031	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0034	0.0034	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0038	0.0024	0.029				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0044	0.0024	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0030	0.0030	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0033	0.0033	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0148	0.0025	0.029				7185195
22'355'-PentaCB-(92)	ng/g	0.0038	0.0031	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0030	0.0030	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0033	0.0033	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	0.0053	0.0029	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0042	0.0042	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0023	0.0023	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	0.0083	0.0022	0.0098	0.0000300	0.000000249		7185195
233'45-PentaCB-(106)	ng/g	<0.0017	0.0017	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0015	0.0015	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0017	0.0017	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0072	0.0021	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0022	0.0022	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0022	0.0022	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0021	0.0021	0.0098	0.0000300	0.0000000630		7185195
23'44'5-PentaCB-(118)	ng/g	0.0246	0.0021	0.0098	0.0000300	0.000000738		7185195
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0018	0.0018	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0023	0.0023	0.0098	0.0000300	0.0000000690		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0021	0.0021	0.0098	0.100	0.000210		7185195
33'455'-PentaCB-(127)	ng/g	<0.0017	0.0017	0.0098				7185195
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0377	0.0031	0.029				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0039	0.0039	0.0098				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0037	0.0037	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0040	0.0040	0.020				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	0.0067	0.0044	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0033	0.0033	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0040	0.0040	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0034	0.0034	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0033	0.0033	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0041	0.0041	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0044	0.0044	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0035	0.0035	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0055	0.0032	0.0098				7185195
HexaCB-(147)+(149)	ng/g	0.0058	0.0037	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0033	0.0033	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0575	0.0028	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0038	0.0038	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0021	0.0021	0.0098				7185195
HexaCB-(156)+(157)	ng/g	<0.0030	0.0030	0.020	0.0000300	0.0000000900		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0025	0.0025	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0024	0.0024	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0029	0.0029	0.0098	0.0000300	0.0000000870		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0098	0.0300	0.0000930		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0034	0.0034	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0040	0.0040	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0042	0.0042	0.0098				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0039	0.0039	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0053	0.0053	0.0098				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0042	0.0042	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0057	0.0057	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0038	0.0038	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	0.0106	0.0031	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0040	0.0040	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0052	0.0052	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0041	0.0041	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0038	0.0038	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0040	0.0040	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0040	0.0040	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0091	0.0050	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0034	0.0034	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.0098	0.0000300	0.000000102		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0030	0.0030	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0030	0.0030	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0032	0.0032	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0033	0.0033	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0034	0.0034	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0056	0.0056	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0044	0.0044	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0055	0.0055	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0037	0.0037	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0036	0.0036	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0051	0.0051	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0041	0.0041	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0034	0.0034	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0059	0.0059	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0049	0.0049	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0061	0.0061	0.0098				7185195
DecaCB-(209)	ng/g	<0.0086	0.0086	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000305		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	92						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	82						7185195
C13-22'33'44'5-HeptaCB-(170)	%	93						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	87						7185195
C13-22'33'55'66'-OctaCB-(202)	%	91						7185195
C13-22'33'55'6-HeptaCB-(178)	%	87						7185195
C13-22'344'55'-HeptaCB-(180)	%	92						7185195
C13-22'34'566'-HeptaCB-(188)	%	83						7185195
C13-22'44'66'-HexaCB-(155)	%	79						7185195
C13-22'466'-PentaCB-(104)	%	76						7185195
C13-22'66'-TetraCB-(54)	%	76						7185195
C13-22'6-TriCB-(19)	%	64						7185195
C13-22'-DiCB-(4)	%	62						7185195
C13-233'44'55'6-OctaCB-(205)	%	86						7185195
C13-233'44'55'-HeptaCB-(189)	%	101						7185195
C13-233'44'-PentaCB-(105)	%	96						7185195
C13-233'55'-PentaCB-(111)	%	83						7185195
C13-23'44'55'-HexaCB-(167)	%	93						7185195
C13-2344'5-PentaCB-(114)	%	95						7185195
C13-23'44'5-PentaCB-(118)	%	100						7185195
C13-2'344'5-PentaCB-(123)	%	97						7185195
C13-2-MonoCB-(1)	%	65						7185195
C13-33'44'55'-HexaCB-(169)	%	76						7185195
C13-33'44'5-PentaCB-(126)	%	93						7185195
C13-33'44'-TetraCB-(77)	%	93						7185195
C13-344'5-TetraCB-(81)	%	93						7185195
C13-344'-TriCB-(37)	%	88						7185195
C13-44'-DiCB-(15)	%	75						7185195
C13-4-MonoCB-(3)	%	64						7185195
C13-DecaCB-(209)	%	78						7185195
C13-HexaCB-(156)+(157)	%	94						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0016	0.0016	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.0014	0.0014	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.0016	0.0016	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0027	0.0027	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0011	0.0011	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0011	0.0011	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.00095	0.00095	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0010	0.0010	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0030	0.0030	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0022 (1)	0.0022	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0011	0.0011	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0011	0.0011	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.0018	0.0018	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0033	0.0033	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0026	0.0026	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0020	0.0020	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0048	0.0015	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0016	0.0016	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0015	0.0015	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0018	0.0018	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.0038	0.0015	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0017	0.0017	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0017	0.0017	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0016	0.0016	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0014	0.0014	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0027	0.0027	0.0099				7185195

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0016	0.0016	0.0099				7185195
34'5-TriCB-(39)	ng/g	<0.0015	0.0015	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0029	0.0029	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0035	0.0035	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	<0.0060 (1)	0.0060	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0047	0.0025	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0167	0.0033	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0023	0.0023	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0019	0.0019	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0022	0.0022	0.030				7185195
2344'-TetraCB -(60)	ng/g	0.0033	0.0018	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0218	0.0017	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0099				7185195
234'6-TetraCB-(64)	ng/g	0.0025	0.0021	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	0.0111	0.0018	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0017	0.0017	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0027	0.0027	0.0099	0.000100	0.000000270		7185195
33'45-TetraCB-(78)	ng/g	<0.0018	0.0018	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0027	0.0027	0.0099	0.000300	0.000000810		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0025	0.0025	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0337	0.0023	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0025	0.0025	0.0099				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0067	0.0018	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0072	0.0018	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0022	0.0022	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0024	0.0024	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0221	0.0019	0.030				7185195
22'355'-PentaCB-(92)	ng/g	0.0059	0.0023	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0022	0.0022	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0025	0.0025	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	0.0094	0.0022	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0033	0.0033	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0020	0.0020	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	<0.011 (1)	0.011	0.0099	0.0000300	0.000000330		7185195
233'45-PentaCB-(106)	ng/g	<0.0019	0.0019	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0022 (1)	0.0022	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0019	0.0019	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0134	0.0016	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0016	0.0016	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0023	0.0023	0.0099	0.0000300	0.0000000690		7185195
23'44'5-PentaCB-(118)	ng/g	0.0367	0.0023	0.0099	0.0000300	0.00000110		7185195
23'455'-PentaCB-(120)	ng/g	<0.0016	0.0016	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0016	0.0016	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0020	0.0020	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0026	0.0026	0.0099	0.0000300	0.0000000780		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0023	0.0023	0.0099	0.100	0.000230		7185195
33'455'-PentaCB-(127)	ng/g	<0.0018	0.0018	0.0099				7185195
HexaCB-(128)+(166)	ng/g	0.0047	0.0024	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0488	0.0025	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0031	0.0031	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0030	0.0030	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0031	0.0031	0.0099				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0029	0.0029	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0031	0.0031	0.020				7185195
HexaCB-(135)+(151)	ng/g	0.0090	0.0067	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0050	0.0050	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0031	0.0031	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0026	0.0026	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0026	0.0026	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0032	0.0032	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0066	0.0066	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0082	0.0025	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0065	0.0029	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0068	0.0068	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0048	0.0048	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0050	0.0050	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0701	0.0022	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0057	0.0057	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.0099				7185195
HexaCB-(156)+(157)	ng/g	0.0034	0.0030	0.020	0.0000300	0.000000102		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0019	0.0019	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0025	0.0025	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0022	0.0022	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0021	0.0021	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0024	0.0024	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0019	0.0019	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0023	0.0023	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0028	0.0028	0.0099	0.0000300	0.0000000840		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0031	0.0031	0.0099	0.0300	0.0000930		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0039	0.0039	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0046	0.0046	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0045	0.0045	0.0099				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0044	0.0044	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'466'-HeptaCB-(176)	ng/g	<0.0033	0.0033	0.0099				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0032	0.0032	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0122	0.0035	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0046	0.0046	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0046	0.0046	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0046	0.0046	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0116	0.0042	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0039	0.0039	0.0099	0.0000300	0.000000117		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0035	0.0035	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0035	0.0035	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0041	0.0041	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0055	0.0055	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0043	0.0043	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0054	0.0054	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0039	0.0039	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0035	0.0035	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0050	0.0050	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0040	0.0040	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0052	0.0052	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0053	0.0053	0.0099				7185195
DecaCB-(209)	ng/g	<0.0065	0.0065	0.0099				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000326		

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	78						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	76						7185195
C13-22'33'44'5-HeptaCB-(170)	%	86						7185195
C13-22'33'455'66'-NonaCB-(208)	%	81						7185195
C13-22'33'55'66'-OctaCB-(202)	%	85						7185195
C13-22'33'55'6-HeptaCB-(178)	%	70						7185195
C13-22'344'55'-HeptaCB-(180)	%	85						7185195
C13-22'34'566'-HeptaCB-(188)	%	76						7185195
C13-22'44'66'-HexaCB-(155)	%	74						7185195
C13-22'466'-PentaCB-(104)	%	68						7185195
C13-22'66'-TetraCB-(54)	%	71						7185195
C13-22'6-TriCB-(19)	%	62						7185195
C13-22'-DiCB-(4)	%	57						7185195
C13-233'44'55'6-OctaCB-(205)	%	82						7185195
C13-233'44'55'-HeptaCB-(189)	%	95						7185195
C13-233'44'-PentaCB-(105)	%	89						7185195
C13-233'55'-PentaCB-(111)	%	65						7185195
C13-23'44'55'-HexaCB-(167)	%	91						7185195
C13-2344'5-PentaCB-(114)	%	86						7185195
C13-23'44'5-PentaCB-(118)	%	86						7185195
C13-2'344'5-PentaCB-(123)	%	87						7185195
C13-2-MonoCB-(1)	%	63						7185195
C13-33'44'55'-HexaCB-(169)	%	71						7185195
C13-33'44'5-PentaCB-(126)	%	82						7185195
C13-33'44'-TetraCB-(77)	%	88						7185195
C13-344'5-TetraCB-(81)	%	86						7185195
C13-344'-TriCB-(37)	%	85						7185195
C13-44'-DiCB-(15)	%	71						7185195
C13-4-MonoCB-(3)	%	59						7185195
C13-DecaCB-(209)	%	72						7185195
C13-HexaCB-(156)+(157)	%	87						7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0015	0.0015	0.0098				7185195
3-MonoCB-(2)	ng/g	<0.0012	0.0012	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.0015	0.0015	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.0031	0.0031	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0065	0.0065	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.0057	0.0057	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.0060	0.0060	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.0051	0.0051	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.0055	0.0055	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.0035	0.0035	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0060	0.0060	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.0058	0.0058	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0058	0.0058	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.0099	0.0099	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0078	0.0078	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0063	0.0063	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.0047	0.0047	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0043	0.0043	0.0098				7185195
TriCB-(20) + (28)	ng/g	0.00157	0.00097	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.00098	0.00098	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0010	0.0010	0.0098				7185195
235-TriCB-(23)	ng/g	<0.00099	0.00099	0.0098				7185195
236-TriCB-(24)	ng/g	<0.0039	0.0039	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.00093	0.00093	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.00098	0.00098	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0042	0.0042	0.0098				7185195
24'5-TriCB-(31)	ng/g	<0.0012 (1)	0.0012	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.0040	0.0040	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0011	0.0011	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0010	0.0010	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.00091	0.00091	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0017	0.0017	0.0098				7185195

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0098				7185195
34'5-TriCB-(39)	ng/g	<0.00097	0.00097	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0029	0.0029	0.029				7185195
22'34'-TetraCB-(42)	ng/g	<0.0030	0.0030	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0035	0.0035	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	<0.0026	0.0026	0.029				7185195
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0025	0.0025	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0044	0.0032	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0033	0.0033	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0013	0.0013	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0013	0.0013	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0013	0.0013	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0013	0.0013	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.029				7185195
2344'-TetraCB -(60)	ng/g	<0.0013	0.0013	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	<0.0048 (1)	0.0048	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0012	0.0012	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0021	0.0021	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0024	0.0013	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0012	0.0012	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0012	0.0012	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0013	0.0013	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0019	0.0019	0.0098	0.000100	0.000000190		7185195
33'45-TetraCB-(78)	ng/g	<0.0013	0.0013	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0012	0.0012	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0011	0.0011	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.0098				7185195

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0128	0.0025	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0028	0.0028	0.0098				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0027	0.0020	0.029				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0028	0.0020	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0025	0.0025	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0082	0.0021	0.029				7185195
22'355'-PentaCB-(92)	ng/g	<0.0027 (1)	0.0027	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0024	0.0024	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0027	0.0027	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	<0.0024	0.0024	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0033	0.0033	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0018	0.0018	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	0.0048	0.0019	0.0098	0.0000300	0.000000144		7185195
233'45-PentaCB-(106)	ng/g	<0.0015	0.0015	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0014	0.0014	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0015	0.0015	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0052	0.0018	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0018	0.0018	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0019	0.0019	0.0098	0.0000300	0.0000000570		7185195
23'44'5-PentaCB-(118)	ng/g	0.0152	0.0019	0.0098	0.0000300	0.000000456		7185195
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0016	0.0016	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0021	0.0021	0.0098	0.0000300	0.0000000630		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0018	0.0018	0.0098	0.100	0.000180		7185195
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0098				7185195
HexaCB-(128)+(166)	ng/g	<0.0039	0.0039	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0316	0.0041	0.029				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0053	0.0053	0.0098				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0051	0.0051	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0052	0.0052	0.0098				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0049	0.0049	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0052	0.0052	0.020				7185195
HexaCB-(135)+(151)	ng/g	<0.0065	0.0065	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0049	0.0049	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0052	0.0052	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0044	0.0044	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0043	0.0043	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0053	0.0053	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0064	0.0064	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0051	0.0051	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0059	0.0042	0.0098				7185195
HexaCB-(147)+(149)	ng/g	<0.0049	0.0049	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0066	0.0066	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0047	0.0047	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0048	0.0048	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0493	0.0037	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0056	0.0056	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0031	0.0031	0.0098				7185195
HexaCB-(156)+(157)	ng/g	<0.0048	0.0048	0.020	0.0000300	0.000000144		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0032	0.0032	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0040	0.0040	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0037	0.0037	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0035	0.0035	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0040	0.0040	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0032	0.0032	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0038	0.0038	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0046	0.0046	0.0098	0.0000300	0.000000138		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0050	0.0050	0.0098	0.0300	0.000150		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0048	0.0048	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0057	0.0057	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0059	0.0059	0.0098				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0056	0.0056	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0065	0.0065	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'466'-HeptaCB-(176)	ng/g	<0.0049	0.0049	0.0098				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0060	0.0060	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0071	0.0071	0.0098				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0048	0.0048	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	0.0103	0.0044	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0057	0.0057	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0064	0.0064	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0058	0.0058	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0047	0.0047	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0057	0.0057	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0050	0.0050	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0091	0.0062	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0043	0.0043	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0040	0.0040	0.0098	0.0000300	0.000000120		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0043	0.0043	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0043	0.0043	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0045	0.0045	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0048	0.0048	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0050	0.0050	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0073	0.0073	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0058	0.0058	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0072	0.0072	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0048	0.0048	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0052	0.0052	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0047	0.0047	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0067	0.0067	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0053	0.0053	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0050	0.0050	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0065	0.0065	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0054	0.0054	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0066	0.0066	0.0098				7185195
DecaCB-(209)	ng/g	<0.0076	0.0076	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000332		

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	88						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	76						7185195
C13-22'33'44'5-HeptaCB-(170)	%	90						7185195
C13-22'33'455'66'-NonaCB-(208)	%	82						7185195
C13-22'33'55'66'-OctaCB-(202)	%	91						7185195
C13-22'33'55'6-HeptaCB-(178)	%	82						7185195
C13-22'344'55'-HeptaCB-(180)	%	92						7185195
C13-22'34'566'-HeptaCB-(188)	%	78						7185195
C13-22'44'66'-HexaCB-(155)	%	74						7185195
C13-22'466'-PentaCB-(104)	%	72						7185195
C13-22'66'-TetraCB-(54)	%	67						7185195
C13-22'6-TriCB-(19)	%	55						7185195
C13-22'-DiCB-(4)	%	52						7185195
C13-233'44'55'6-OctaCB-(205)	%	84						7185195
C13-233'44'55'-HeptaCB-(189)	%	103						7185195
C13-233'44'-PentaCB-(105)	%	93						7185195
C13-233'55'-PentaCB-(111)	%	79						7185195
C13-23'44'55'-HexaCB-(167)	%	92						7185195
C13-2344'5-PentaCB-(114)	%	92						7185195
C13-23'44'5-PentaCB-(118)	%	91						7185195
C13-2'344'5-PentaCB-(123)	%	92						7185195
C13-2-MonoCB-(1)	%	58						7185195
C13-33'44'55'-HexaCB-(169)	%	82						7185195
C13-33'44'5-PentaCB-(126)	%	91						7185195
C13-33'44'-TetraCB-(77)	%	90						7185195
C13-344'5-TetraCB-(81)	%	85						7185195
C13-344'-TriCB-(37)	%	87						7185195
C13-44'-DiCB-(15)	%	65						7185195
C13-4-MonoCB-(3)	%	56						7185195
C13-DecaCB-(209)	%	74						7185195
C13-HexaCB-(156)+(157)	%	88						7185195

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0013	0.0013	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.0011	0.0011	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.0013	0.0013	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0020	0.0020	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0077	0.0077	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0068	0.0068	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0071	0.0071	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.0060	0.0060	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0065	0.0065	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0022	0.0022	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0072	0.0072	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0068	0.0068	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0068	0.0068	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.012	0.012	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0032	0.0032	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0025	0.0025	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0019	0.0019	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0018	0.0018	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0029	0.0011	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0016	0.0016	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0017	0.0017	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.0024	0.0011	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0016	0.0016	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0099				7185195
34'5-TriCB-(39)	ng/g	<0.0011	0.0011	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0034	0.0034	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0035	0.0035	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0042	0.0042	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0037	0.0031	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0036	0.0036	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0042	0.0042	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0035	0.0035	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0030	0.0030	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0035	0.0035	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0111	0.0039	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0030	0.0030	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0017	0.0017	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0018	0.0018	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0017	0.0017	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0026	0.0026	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0017	0.0017	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0131	0.0016	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0016	0.0016	0.0099				7185195
234'6-TetraCB-(64)	ng/g	<0.0025	0.0025	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	0.0063	0.0017	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0024	0.0024	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0026	0.0026	0.0099	0.000100	0.000000260		7185195
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0016	0.0016	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0015	0.0015	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.0099	0.000300	0.000000750		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0296	0.0030	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0033	0.0033	0.0099				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0047	0.0023	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0062	0.0024	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0030	0.0030	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0208	0.0025	0.030				7185195
22'355'-PentaCB-(92)	ng/g	0.0041	0.0031	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	0.0049	0.0029	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0043	0.0043	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	0.0099	0.0033	0.0099	0.0000300	0.000000297		7185195
233'45-PentaCB-(106)	ng/g	<0.0026	0.0026	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0023	0.0023	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0026	0.0026	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0107	0.0021	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0032	0.0032	0.0099	0.0000300	0.000000096		7185195
23'44'5-PentaCB-(118)	ng/g	0.0314	0.0032	0.0099	0.0000300	0.000000942		7185195
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0028	0.0028	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0035	0.0035	0.0099	0.0000300	0.000000105		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.0099	0.100	0.000310		7185195
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.0099				7185195
HexaCB-(128)+(166)	ng/g	0.0053	0.0027	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0557	0.0029	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46'-HexaCB-(132)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0034	0.0034	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0036	0.0036	0.020				7185195
HexaCB-(135)+(151)	ng/g	0.0073	0.0046	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0035	0.0035	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0036	0.0036	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0031	0.0031	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0030	0.0030	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0037	0.0037	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0046	0.0046	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0036	0.0036	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0100	0.0029	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0080	0.0034	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0047	0.0047	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0033	0.0033	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0034	0.0034	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0803	0.0025	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0040	0.0040	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.0099				7185195
HexaCB-(156)+(157)	ng/g	0.0045	0.0023	0.020	0.0000300	0.000000135		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0022	0.0022	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0019	0.0019	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0026	0.0026	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0024	0.0024	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0019	0.0019	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0022	0.0022	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0026	0.0026	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0022	0.0022	0.0099	0.0000300	0.0000000660		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0023	0.0023	0.0099	0.0300	0.0000690		7185195
22'33'44'5-HeptaCB-(170)	ng/g	0.0058	0.0041	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0048	0.0048	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0050	0.0050	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0047	0.0047	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6-HeptaCB-(175)	ng/g	<0.0084	0.0084	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0063	0.0063	0.0099				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0050	0.0050	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0090	0.0090	0.0099				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0061	0.0061	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0167	0.0037	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0048	0.0048	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0082	0.0082	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	0.0053	0.0048	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0060	0.0060	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0048	0.0048	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0064	0.0064	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0130	0.0080	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0055	0.0055	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0042	0.0042	0.0099	0.0000300	0.000000126		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0036	0.0036	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0036	0.0036	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0038	0.0038	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0049	0.0049	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0051	0.0051	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0086	0.0086	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0068	0.0068	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0084	0.0084	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0057	0.0057	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0061	0.0061	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0055	0.0055	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0078	0.0078	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0062	0.0062	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0051	0.0051	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0080	0.0080	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0067	0.0067	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0082	0.0082	0.0099				7185195
DecaCB-(209)	ng/g	<0.0079	0.0079	0.0099				7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	ng/g					0.000382		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	110						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	88						7185195
C13-22'33'44'5-HeptaCB-(170)	%	101						7185195
C13-22'33'455'66'-NonaCB-(208)	%	96						7185195
C13-22'33'55'66'-OctaCB-(202)	%	101						7185195
C13-22'33'55'6-HeptaCB-(178)	%	95						7185195
C13-22'344'55'-HeptaCB-(180)	%	104						7185195
C13-22'34'566'-HeptaCB-(188)	%	88						7185195
C13-22'44'66'-HexaCB-(155)	%	86						7185195
C13-22'466'-PentaCB-(104)	%	86						7185195
C13-22'66'-TetraCB-(54)	%	83						7185195
C13-22'6-TriCB-(19)	%	71						7185195
C13-22'-DiCB-(4)	%	65						7185195
C13-233'44'55'6-OctaCB-(205)	%	97						7185195
C13-233'44'55'-HeptaCB-(189)	%	119						7185195
C13-233'44'-PentaCB-(105)	%	110						7185195
C13-233'55'-PentaCB-(111)	%	91						7185195
C13-23'44'55'-HexaCB-(167)	%	108						7185195
C13-2344'5-PentaCB-(114)	%	107						7185195
C13-23'44'5-PentaCB-(118)	%	111						7185195
C13-2'344'5-PentaCB-(123)	%	111						7185195
C13-2-MonoCB-(1)	%	72						7185195
C13-33'44'55'-HexaCB-(169)	%	91						7185195
C13-33'44'5-PentaCB-(126)	%	104						7185195
C13-33'44'-TetraCB-(77)	%	111						7185195
C13-344'5-TetraCB-(81)	%	106						7185195
C13-344'-TriCB-(37)	%	109						7185195
C13-44'-DiCB-(15)	%	82						7185195
C13-4-MonoCB-(3)	%	69						7185195
C13-DecaCB-(209)	%	88						7185195
C13-HexaCB-(156)+(157)	%	107						7185195

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00097	0.00097	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.00079	0.00079	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.00095	0.00095	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0073	0.0073	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.0064	0.0064	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.0067	0.0067	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.0057	0.0057	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.0062	0.0062	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0068	0.0068	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.0065	0.0065	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0065	0.0065	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0030	0.0030	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0024	0.0024	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.0018	0.0018	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0017	0.0017	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.0028	0.0014	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0014	0.0014	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0015	0.0015	0.0099				7185195
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0099				7185195
236-TriCB-(24)	ng/g	<0.0015	0.0015	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0016	0.0016	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.0020	0.0013	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.0015	0.0015	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.0014	0.0014	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0024	0.0024	0.0099				7185195
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0030	0.0030	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0031	0.0031	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0037	0.0037	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0039	0.0027	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0032	0.0032	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0037	0.0037	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0031	0.0031	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0026	0.0026	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0031	0.0031	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0092	0.0034	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0022	0.0022	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0022	0.0022	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0023	0.0023	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0022	0.0022	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0130	0.0020	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0020	0.0020	0.0099				7185195
234'6-TetraCB-(64)	ng/g	<0.0022	0.0022	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	0.0062	0.0021	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0020	0.0020	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0020	0.0020	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0021	0.0021	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0021	0.0021	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0032	0.0032	0.0099	0.000100	0.000000320		7185195
33'45-TetraCB-(78)	ng/g	<0.0021	0.0021	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.0099	0.000300	0.000000930		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0037	0.0037	0.0099				7185195
PentaCB-(83)+(99)	ng/g	0.0224	0.0033	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0037	0.0037	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0036	0.0026	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0048	0.0026	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0032	0.0032	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0035	0.0035	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0156	0.0027	0.030				7185195
22'355'-PentaCB-(92)	ng/g	0.0043	0.0034	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0032	0.0032	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0036	0.0036	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	0.0044	0.0032	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0043	0.0043	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0029	0.0029	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.0024	0.0024	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	0.0085	0.0032	0.0099	0.0000300	0.000000255		7185195
233'45-PentaCB-(106)	ng/g	<0.0025	0.0025	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0023	0.0023	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0025	0.0025	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0089	0.0023	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0023	0.0023	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0023	0.0023	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0032	0.0032	0.0099	0.0000300	0.000000096		7185195
23'44'5-PentaCB-(118)	ng/g	0.0273	0.0032	0.0099	0.0000300	0.000000819		7185195
23'455'-PentaCB-(120)	ng/g	<0.0023	0.0023	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0024	0.0024	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0027	0.0027	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0035	0.0035	0.0099	0.0000300	0.000000105		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0031	0.0031	0.0099	0.100	0.000310		7185195
33'455'-PentaCB-(127)	ng/g	<0.0025	0.0025	0.0099				7185195
HexaCB-(128)+(166)	ng/g	0.0045	0.0037	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0379	0.0038	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0049	0.0049	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0047	0.0047	0.0099				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0048	0.0048	0.0099				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0046	0.0046	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0049	0.0049	0.020				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	<0.0064	0.0064	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0048	0.0048	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0048	0.0048	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0041	0.0041	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0040	0.0040	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0050	0.0050	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0063	0.0063	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0050	0.0050	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0059	0.0039	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0051	0.0046	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0065	0.0065	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0046	0.0046	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0048	0.0048	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0515	0.0034	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0055	0.0055	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0031	0.0031	0.0099				7185195
HexaCB-(156)+(157)	ng/g	<0.0031	0.0031	0.020	0.0000300	0.0000000930		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0030	0.0030	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0026	0.0026	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0035	0.0035	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0033	0.0033	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0025	0.0025	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0030	0.0030	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0035	0.0035	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0029	0.0029	0.0099	0.0000300	0.0000000870		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0099	0.0300	0.0000960		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0044	0.0044	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0052	0.0052	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0054	0.0054	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0051	0.0051	0.0099				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0045	0.0045	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0034	0.0034	0.0099				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0055	0.0055	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0048	0.0048	0.0099				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0033	0.0033	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0099	0.0040	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0052	0.0052	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0044	0.0044	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0053	0.0053	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0032	0.0032	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0052	0.0052	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0034	0.0034	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0059	0.0043	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0029	0.0029	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0034	0.0034	0.0099	0.0000300	0.000000102		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0039	0.0039	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0039	0.0039	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0041	0.0041	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0038	0.0038	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0040	0.0040	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0064	0.0064	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0051	0.0051	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0063	0.0063	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0043	0.0043	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0046	0.0046	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0041	0.0041	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0059	0.0059	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0036	0.0036	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0030	0.0030	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0037	0.0037	0.0099				7185195
DecaCB-(209)	ng/g	<0.0078	0.0078	0.0099				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000409		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	98						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	87						7185195
C13-22'33'44'5-HeptaCB-(170)	%	101						7185195

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	95						7185195
C13-22'33'55'66'-OctaCB-(202)	%	100						7185195
C13-22'33'55'6-HeptaCB-(178)	%	87						7185195
C13-22'344'55'-HeptaCB-(180)	%	102						7185195
C13-22'34'566'-HeptaCB-(188)	%	84						7185195
C13-22'44'66'-HexaCB-(155)	%	79						7185195
C13-22'466'-PentaCB-(104)	%	76						7185195
C13-22'66'-TetraCB-(54)	%	73						7185195
C13-22'6-TriCB-(19)	%	64						7185195
C13-22'-DiCB-(4)	%	58						7185195
C13-233'44'55'6-OctaCB-(205)	%	93						7185195
C13-233'44'55'-HeptaCB-(189)	%	119						7185195
C13-233'44'-PentaCB-(105)	%	105						7185195
C13-233'55'-PentaCB-(111)	%	86						7185195
C13-23'44'55'-HexaCB-(167)	%	105						7185195
C13-2344'5-PentaCB-(114)	%	108						7185195
C13-23'44'5-PentaCB-(118)	%	106						7185195
C13-2'344'5-PentaCB-(123)	%	104						7185195
C13-2-MonoCB-(1)	%	65						7185195
C13-33'44'55'-HexaCB-(169)	%	90						7185195
C13-33'44'5-PentaCB-(126)	%	103						7185195
C13-33'44'-TetraCB-(77)	%	104						7185195
C13-344'5-TetraCB-(81)	%	101						7185195
C13-344'-TriCB-(37)	%	97						7185195
C13-44'-DiCB-(15)	%	76						7185195
C13-4-MonoCB-(3)	%	59						7185195
C13-DecaCB-(209)	%	81						7185195
C13-HexaCB-(156)+(157)	%	105						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0098				7185195
3-MonoCB-(2)	ng/g	<0.00096	0.00096	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.0025	0.0025	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0074	0.0074	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.0065	0.0065	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.0068	0.0068	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.0058	0.0058	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.0063	0.0063	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.0028	0.0028	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0069	0.0069	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.0065	0.0065	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0066	0.0066	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0025	0.0025	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.0015	0.0015	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.0098				7185195
TriCB-(20) + (28)	ng/g	0.0034	0.0016	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0016	0.0016	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0017	0.0017	0.0098				7185195
235-TriCB-(23)	ng/g	<0.0016	0.0016	0.0098				7185195
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.0015	0.0015	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.0016	0.0016	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0098				7185195
24'5-TriCB-(31)	ng/g	0.0023	0.0015	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.0015	0.0015	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0028	0.0028	0.0098				7185195
345-TriCB-(38)	ng/g	<0.0017	0.0017	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0016	0.0016	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0028	0.0028	0.029				7185195
22'34'-TetraCB-(42)	ng/g	<0.0029	0.0029	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0035	0.0035	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0043	0.0026	0.029				7185195
TetraCB-(45)+(51)	ng/g	<0.0030	0.0030	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0035	0.0035	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0029	0.0029	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0029	0.0025	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0029	0.0029	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0108	0.0032	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0032	0.0032	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0029	0.0029	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0029	0.0029	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0029	0.0029	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0028	0.0028	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0021	0.0021	0.029				7185195
2344'-TetraCB -(60)	ng/g	<0.0028	0.0028	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0154	0.0027	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0027	0.0027	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0021	0.0021	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0081	0.0027	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0026	0.0026	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0026	0.0026	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0027	0.0027	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0020	0.0020	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0042	0.0042	0.0098	0.000100	0.000000420		7185195
33'45-TetraCB-(78)	ng/g	<0.0028	0.0028	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0026	0.0026	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0025	0.0025	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0041	0.0041	0.0098	0.000300	0.00000123		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.0098				7185195
PentaCB-(83)+(99)	ng/g	0.0318	0.0035	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0038	0.0038	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	0.0043	0.0027	0.029				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0059	0.0027	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0034	0.0034	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0196	0.0029	0.029				7185195
22'355'-PentaCB-(92)	ng/g	0.0049	0.0035	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	0.0057	0.0033	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0051	0.0051	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0028	0.0028	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	0.0138	0.0038	0.0098	0.0000300	0.000000414		7185195
233'45-PentaCB-(106)	ng/g	<0.0030	0.0030	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0026	0.0026	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0030	0.0030	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0109	0.0024	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0037	0.0037	0.0098	0.0000300	0.000000111		7185195
23'44'5-PentaCB-(118)	ng/g	0.0383	0.0037	0.0098	0.0000300	0.00000115		7185195
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0032	0.0032	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0040	0.0040	0.0098	0.0000300	0.000000120		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0036	0.0036	0.0098	0.100	0.000360		7185195
33'455'-PentaCB-(127)	ng/g	<0.0029	0.0029	0.0098				7185195
HexaCB-(128)+(166)	ng/g	0.0053	0.0031	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0543	0.0032	0.029				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0041	0.0041	0.0098				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0038	0.0038	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0041	0.0041	0.020				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	0.0073	0.0066	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0050	0.0050	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0040	0.0040	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0034	0.0034	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0033	0.0033	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0042	0.0042	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0066	0.0066	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0052	0.0052	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0103	0.0032	0.0098				7185195
HexaCB-(147)+(149)	ng/g	0.0096	0.0038	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0068	0.0068	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0048	0.0048	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0050	0.0050	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0807	0.0029	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0057	0.0057	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0032	0.0032	0.0098				7185195
HexaCB-(156)+(157)	ng/g	0.0043	0.0031	0.020	0.0000300	0.000000129		7185195
233'44'6-HexaCB-(158)	ng/g	0.0036	0.0025	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0026	0.0026	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0029	0.0029	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0027	0.0027	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0025	0.0025	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0029	0.0029	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0030	0.0030	0.0098	0.0000300	0.0000000900		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0032	0.0032	0.0098	0.0300	0.0000960		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0046	0.0046	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0055	0.0055	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0057	0.0057	0.0098				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0053	0.0053	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0071	0.0071	0.0098				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0054	0.0054	0.0098				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0057	0.0057	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0077	0.0077	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0052	0.0052	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	0.0127	0.0042	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0055	0.0055	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0070	0.0070	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0055	0.0055	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0051	0.0051	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0055	0.0055	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0055	0.0055	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0140	0.0068	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0047	0.0047	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0049	0.0049	0.0098	0.0000300	0.000000147		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0041	0.0041	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0041	0.0041	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0043	0.0043	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0055	0.0055	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0057	0.0057	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0072	0.0072	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0057	0.0057	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0071	0.0071	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0048	0.0048	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0051	0.0051	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0046	0.0046	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0066	0.0066	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0052	0.0052	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0056	0.0056	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0090	0.0090	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0075	0.0075	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0092	0.0092	0.0098				7185195
DecaCB-(209)	ng/g	<0.0093	0.0093	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000460		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	96						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	76						7185195
C13-22'33'44'5-HeptaCB-(170)	%	92						7185195

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	82						7185195
C13-22'33'55'66'-OctaCB-(202)	%	89						7185195
C13-22'33'55'6-HeptaCB-(178)	%	85						7185195
C13-22'344'55'-HeptaCB-(180)	%	92						7185195
C13-22'34'566'-HeptaCB-(188)	%	74						7185195
C13-22'44'66'-HexaCB-(155)	%	78						7185195
C13-22'466'-PentaCB-(104)	%	74						7185195
C13-22'66'-TetraCB-(54)	%	72						7185195
C13-22'6-TriCB-(19)	%	61						7185195
C13-22'-DiCB-(4)	%	57						7185195
C13-233'44'55'6-OctaCB-(205)	%	88						7185195
C13-233'44'55'-HeptaCB-(189)	%	105						7185195
C13-233'44'-PentaCB-(105)	%	95						7185195
C13-233'55'-PentaCB-(111)	%	85						7185195
C13-23'44'55'-HexaCB-(167)	%	94						7185195
C13-2344'5-PentaCB-(114)	%	94						7185195
C13-23'44'5-PentaCB-(118)	%	97						7185195
C13-2'344'5-PentaCB-(123)	%	95						7185195
C13-2-MonoCB-(1)	%	65						7185195
C13-33'44'55'-HexaCB-(169)	%	77						7185195
C13-33'44'5-PentaCB-(126)	%	97						7185195
C13-33'44'-TetraCB-(77)	%	94						7185195
C13-344'5-TetraCB-(81)	%	95						7185195
C13-344'-TriCB-(37)	%	91						7185195
C13-44'-DiCB-(15)	%	70						7185195
C13-4-MonoCB-(3)	%	61						7185195
C13-DecaCB-(209)	%	76						7185195
C13-HexaCB-(156)+(157)	%	92						7185195

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.0098				7185195
3-MonoCB-(2)	ng/g	<0.00083	0.00083	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.0028	0.0028	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0071	0.0071	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.0063	0.0063	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.0065	0.0065	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.0056	0.0056	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.0060	0.0060	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.0031	0.0031	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0066	0.0066	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.0063	0.0063	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0063	0.0063	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0024	0.0024	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0019	0.0019	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.0014	0.0014	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0013	0.0013	0.0098				7185195
TriCB-(20) + (28)	ng/g	0.0018	0.0012	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0012	0.0012	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0012	0.0012	0.0098				7185195
235-TriCB-(23)	ng/g	<0.0012	0.0012	0.0098				7185195
236-TriCB-(24)	ng/g	<0.0012	0.0012	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.0011	0.0011	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.0012	0.0012	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.0098				7185195
24'5-TriCB-(31)	ng/g	<0.0011	0.0011	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.0012	0.0012	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0013	0.0013	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0012	0.0012	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.0011	0.0011	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.0098				7185195
345-TriCB-(38)	ng/g	<0.0012	0.0012	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
34'5-TriCB-(39)	ng/g	<0.0012	0.0012	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0032	0.0032	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0033	0.0033	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0039	0.0039	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	<0.0029	0.0029	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0040	0.0040	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0028	0.0028	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0033	0.0033	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0048	0.0036	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0038	0.0038	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0018	0.0018	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0019	0.0019	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0018	0.0018	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0018	0.0018	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0024	0.0024	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0018	0.0018	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0062	0.0017	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0017	0.0017	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0024	0.0024	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0026	0.0017	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0016	0.0016	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0016	0.0016	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0017	0.0017	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0027	0.0027	0.0098	0.000100	0.000000270		7185195
33'45-TetraCB-(78)	ng/g	<0.0017	0.0017	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0017	0.0017	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0016	0.0016	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0026	0.0026	0.0098	0.000300	0.000000780		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0033	0.0033	0.0098				7185195
PentaCB-(83)+(99)	ng/g	0.0138	0.0030	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0033	0.0033	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(85)+(116)+(117)	ng/g	<0.0023	0.0023	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0024	0.0024	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0030	0.0030	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0032	0.0032	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0095	0.0025	0.030				7185195
22'355'-PentaCB-(92)	ng/g	<0.0031	0.0031	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0029	0.0029	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0032	0.0032	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	<0.0029	0.0029	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0039	0.0039	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0027	0.0027	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0022	0.0022	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	0.0062	0.0027	0.0098	0.0000300	0.000000186		7185195
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0019	0.0019	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0022	0.0022	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0052	0.0021	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0021	0.0021	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0021	0.0021	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0027	0.0027	0.0098	0.0000300	0.0000000810		7185195
23'44'5-PentaCB-(118)	ng/g	0.0189	0.0027	0.0098	0.0000300	0.000000567		7185195
23'455'-PentaCB-(120)	ng/g	<0.0021	0.0021	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0022	0.0022	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0023	0.0023	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0029	0.0029	0.0098	0.0000300	0.0000000870		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0026	0.0026	0.0098	0.100	0.000260		7185195
33'455'-PentaCB-(127)	ng/g	<0.0021	0.0021	0.0098				7185195
HexaCB-(128)+(166)	ng/g	<0.0034	0.0034	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0251	0.0035	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0045	0.0045	0.0098				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0043	0.0043	0.0098				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0042	0.0042	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0044	0.0044	0.020				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
HexaCB-(135)+(151)	ng/g	<0.0076	0.0076	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0057	0.0057	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0044	0.0044	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0038	0.0038	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0037	0.0037	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0046	0.0046	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0075	0.0075	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0059	0.0059	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0039	0.0036	0.0098				7185195
HexaCB-(147)+(149)	ng/g	<0.0042	0.0042	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0077	0.0077	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0055	0.0055	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0057	0.0057	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0415	0.0031	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0065	0.0065	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0037	0.0037	0.0098				7185195
HexaCB-(156)+(157)	ng/g	<0.0029	0.0029	0.020	0.0000300	0.0000000870		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0027	0.0027	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0024	0.0024	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0032	0.0032	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0030	0.0030	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0024	0.0024	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0027	0.0027	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0032	0.0032	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0027	0.0027	0.0098	0.0000300	0.0000000810		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0029	0.0029	0.0098	0.0300	0.0000870		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0036	0.0036	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0042	0.0042	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0041	0.0041	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0078	0.0078	0.0098				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0058	0.0058	0.0098				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0084	0.0084	0.0098				7185195

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'566'-HeptaCB-(179)	ng/g	<0.0057	0.0057	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	0.0089	0.0032	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0042	0.0042	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0077	0.0077	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0042	0.0042	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0056	0.0056	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0042	0.0042	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0060	0.0060	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	<0.0074	0.0074	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0051	0.0051	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0025	0.0025	0.0098	0.0000300	0.0000000750		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0032	0.0032	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0032	0.0032	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0033	0.0033	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0039	0.0039	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0065	0.0065	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0052	0.0052	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0064	0.0064	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0043	0.0043	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0046	0.0046	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0042	0.0042	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0060	0.0060	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0047	0.0047	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0059	0.0059	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0049	0.0049	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0060	0.0060	0.0098				7185195
DecaCB-(209)	ng/g	<0.0072	0.0072	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000349		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	95						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	82						7185195
C13-22'33'44'5-HeptaCB-(170)	%	94						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'455'66'-NonaCB-(208)	%	85						7185195
C13-22'33'55'66'-OctaCB-(202)	%	86						7185195
C13-22'33'55'6-HeptaCB-(178)	%	84						7185195
C13-22'344'55'-HeptaCB-(180)	%	96						7185195
C13-22'34'566'-HeptaCB-(188)	%	82						7185195
C13-22'44'66'-HexaCB-(155)	%	77						7185195
C13-22'466'-PentaCB-(104)	%	74						7185195
C13-22'66'-TetraCB-(54)	%	70						7185195
C13-22'6-TriCB-(19)	%	63						7185195
C13-22'-DiCB-(4)	%	53						7185195
C13-233'44'55'6-OctaCB-(205)	%	91						7185195
C13-233'44'55'-HeptaCB-(189)	%	112						7185195
C13-233'44'-PentaCB-(105)	%	109						7185195
C13-233'55'-PentaCB-(111)	%	82						7185195
C13-23'44'55'-HexaCB-(167)	%	105						7185195
C13-2344'5-PentaCB-(114)	%	107						7185195
C13-23'44'5-PentaCB-(118)	%	106						7185195
C13-2'344'5-PentaCB-(123)	%	107						7185195
C13-2-MonoCB-(1)	%	60						7185195
C13-33'44'55'-HexaCB-(169)	%	94						7185195
C13-33'44'5-PentaCB-(126)	%	112						7185195
C13-33'44'-TetraCB-(77)	%	100						7185195
C13-344'5-TetraCB-(81)	%	100						7185195
C13-344'-TriCB-(37)	%	96						7185195
C13-44'-DiCB-(15)	%	77						7185195
C13-4-MonoCB-(3)	%	63						7185195
C13-DecaCB-(209)	%	79						7185195
C13-HexaCB-(156)+(157)	%	105						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0012	0.0012	0.0098				7185195
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.0012	0.0012	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.0029	0.0029	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0071	0.0071	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.0062	0.0062	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.0065	0.0065	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.0055	0.0055	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.0060	0.0060	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.0033	0.0033	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0066	0.0066	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.0062	0.0062	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.0063	0.0063	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.011	0.011	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0026	0.0026	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0021	0.0021	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.0016	0.0016	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0015	0.0015	0.0098				7185195
TriCB-(20) + (28)	ng/g	0.0031	0.0014	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0014	0.0014	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0015	0.0015	0.0098				7185195
235-TriCB-(23)	ng/g	<0.0014	0.0014	0.0098				7185195
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.0013	0.0013	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.0014	0.0014	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0014	0.0014	0.0098				7185195
24'5-TriCB-(31)	ng/g	0.0026	0.0013	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0016	0.0016	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0015	0.0015	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.0013	0.0013	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0025	0.0025	0.0098				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0015	0.0015	0.0098				7185195
34'5-TriCB-(39)	ng/g	<0.0014	0.0014	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0032	0.0032	0.029				7185195
22'34'-TetraCB-(42)	ng/g	<0.0034	0.0034	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0040	0.0040	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0058	0.0029	0.029				7185195
TetraCB-(45)+(51)	ng/g	<0.0034	0.0034	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0040	0.0040	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0033	0.0033	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0035	0.0028	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0033	0.0033	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0131	0.0037	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0035	0.0035	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0021	0.0021	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0022	0.0022	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0022	0.0022	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0021	0.0021	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0024	0.0024	0.029				7185195
2344'-TetraCB -(60)	ng/g	<0.0021	0.0021	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0180	0.0020	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0020	0.0020	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0024	0.0024	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0091	0.0020	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0019	0.0019	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0019	0.0019	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0020	0.0020	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0023	0.0023	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0031	0.0031	0.0098	0.000100	0.000000310		7185195
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0020	0.0020	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0019	0.0019	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0031	0.0031	0.0098	0.000300	0.000000930		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0038	0.0038	0.0098				7185195

EDL = Estimated Detection Limit
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PentaCB-(83)+(99)	ng/g	0.0373	0.0034	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0038	0.0038	0.0098				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0072	0.0027	0.029				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0077	0.0027	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0034	0.0034	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0037	0.0037	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0205	0.0028	0.029				7185195
22'355'-PentaCB-(92)	ng/g	0.0063	0.0035	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0033	0.0033	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0037	0.0037	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	0.0070	0.0033	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0038	0.0038	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0031	0.0031	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0021	0.0021	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	0.0153	0.0020	0.0098	0.0000300	0.000000459		7185195
233'45-PentaCB-(106)	ng/g	<0.0016	0.0016	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0022 (1)	0.0022	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0016	0.0016	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0132	0.0024	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0024	0.0024	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0024	0.0024	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0020	0.0020	0.0098	0.0000300	0.0000000600		7185195
23'44'5-PentaCB-(118)	ng/g	0.0452	0.0020	0.0098	0.0000300	0.00000136		7185195
23'455'-PentaCB-(120)	ng/g	<0.0024	0.0024	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0025	0.0025	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0017	0.0017	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0022	0.0022	0.0098	0.0000300	0.0000000660		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0019	0.0019	0.0098	0.100	0.000190		7185195
33'455'-PentaCB-(127)	ng/g	<0.0015	0.0015	0.0098				7185195
HexaCB-(128)+(166)	ng/g	0.0068	0.0030	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0661	0.0031	0.029				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0040	0.0040	0.0098				7185195

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0038	0.0038	0.0098				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0039	0.0039	0.0098				7185195
22'33'55'-HexaCB-(133)	ng/g	<0.0037	0.0037	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0039	0.0039	0.020				7185195
HexaCB-(135)+(151)	ng/g	0.0079	0.0052	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0039	0.0039	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0039	0.0039	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0033	0.0033	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0032	0.0032	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0040	0.0040	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0052	0.0052	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0041	0.0041	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0112	0.0031	0.0098				7185195
HexaCB-(147)+(149)	ng/g	0.0079	0.0037	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0053	0.0053	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0038	0.0038	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0039	0.0039	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0942	0.0028	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0045	0.0045	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0025	0.0025	0.0098				7185195
HexaCB-(156)+(157)	ng/g	0.0049	0.0032	0.020	0.0000300	0.000000147		7185195
233'44'6-HexaCB-(158)	ng/g	0.0036	0.0024	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0027	0.0027	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0028	0.0028	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0026	0.0026	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0026	0.0026	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0024	0.0024	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0030	0.0030	0.0098	0.0000300	0.0000000900		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0033	0.0033	0.0098	0.0300	0.0000990		7185195
22'33'44'5-HeptaCB-(170)	ng/g	0.0071	0.0029	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0034	0.0034	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0035	0.0035	0.0098				7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	<0.0033	0.0033	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0067	0.0067	0.0098				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0050	0.0050	0.0098				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0035	0.0035	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0072	0.0072	0.0098				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0049	0.0049	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	0.0154	0.0026	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0034	0.0034	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0066	0.0066	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	0.0055	0.0034	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0048	0.0048	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0034	0.0034	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0051	0.0051	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0136	0.0064	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0044	0.0044	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0027	0.0027	0.0098	0.0000300	0.0000000810		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0026	0.0026	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0025	0.0025	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0027	0.0027	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0042	0.0042	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0076	0.0076	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0060	0.0060	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0074	0.0074	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0050	0.0050	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0054	0.0054	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0048	0.0048	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0069	0.0069	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0055	0.0055	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0062	0.0062	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0051	0.0051	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0063	0.0063	0.0098				7185195

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.0062	0.0062	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000293		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	89						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	82						7185195
C13-22'33'44'5-HeptaCB-(170)	%	91						7185195
C13-22'33'455'66'-NonaCB-(208)	%	83						7185195
C13-22'33'55'66'-OctaCB-(202)	%	85						7185195
C13-22'33'55'6-HeptaCB-(178)	%	73						7185195
C13-22'344'55'-HeptaCB-(180)	%	94						7185195
C13-22'34'566'-HeptaCB-(188)	%	77						7185195
C13-22'44'66'-HexaCB-(155)	%	71						7185195
C13-22'466'-PentaCB-(104)	%	74						7185195
C13-22'66'-TetraCB-(54)	%	73						7185195
C13-22'6-TriCB-(19)	%	62						7185195
C13-22'-DiCB-(4)	%	54						7185195
C13-233'44'55'6-OctaCB-(205)	%	92						7185195
C13-233'44'55'-HeptaCB-(189)	%	108						7185195
C13-233'44'-PentaCB-(105)	%	108						7185195
C13-233'55'-PentaCB-(111)	%	78						7185195
C13-23'44'55'-HexaCB-(167)	%	107						7185195
C13-2344'5-PentaCB-(114)	%	106						7185195
C13-23'44'5-PentaCB-(118)	%	104						7185195
C13-2'344'5-PentaCB-(123)	%	107						7185195
C13-2-MonoCB-(1)	%	64						7185195
C13-33'44'55'-HexaCB-(169)	%	89						7185195
C13-33'44'5-PentaCB-(126)	%	103						7185195
C13-33'44'-TetraCB-(77)	%	102						7185195
C13-344'5-TetraCB-(81)	%	101						7185195
C13-344'-TriCB-(37)	%	101						7185195
C13-44'-DiCB-(15)	%	74						7185195
C13-4-MonoCB-(3)	%	63						7185195
C13-DecaCB-(209)	%	77						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	102						7185195

EDL = Estimated Detection Limit

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00081	0.00081	0.010				7185195
3-MonoCB-(2)	ng/g	<0.0012 (1)	0.0012	0.010				7185195
4-MonoCB-(3)	ng/g	0.00103	0.00079	0.010				7185195
22'-DiCB-(4)	ng/g	<0.00079	0.00079	0.010				7185195
2,3-DiCB-(5)	ng/g	<0.0011	0.0011	0.010				7185195
2,3'-DiCB-(6)	ng/g	<0.00081	0.00081	0.010				7185195
2,4-DiCB-(7)	ng/g	<0.00080	0.00080	0.010				7185195
2,4'-DiCB-(8)	ng/g	<0.00064	0.00064	0.010				7185195
2,5-DiCB-(9)	ng/g	<0.00084	0.00084	0.010				7185195
2,6-DiCB-(10)	ng/g	<0.00089	0.00089	0.010				7185195
3,3'-DiCB-(11)	ng/g	<0.0024 (1)	0.0024	0.010				7185195
DiCB-(12)+(13)	ng/g	<0.00083	0.00083	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.00082	0.00082	0.010				7185195
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.010				7185195
22'3-TriCB-(16)	ng/g	<0.0031	0.0031	0.010				7185195
22'4-TriCB-(17)	ng/g	<0.0020	0.0020	0.010				7185195
TriCB-(18)+(30)	ng/g	<0.0015	0.0015	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.0014	0.0014	0.010				7185195
TriCB-(20) + (28)	ng/g	0.0086	0.0012	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0013	0.0013	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0017 (1)	0.0017	0.010				7185195
235-TriCB-(23)	ng/g	<0.0013	0.0013	0.010				7185195
236-TriCB-(24)	ng/g	<0.0013	0.0013	0.010				7185195
23'4-TriCB-(25)	ng/g	<0.0012	0.0012	0.010				7185195
TriCB-(26)+(29)	ng/g	<0.0013	0.0013	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.0013	0.0013	0.010				7185195
24'5-TriCB-(31)	ng/g	0.0061	0.0012	0.010				7185195
24'6-TriCB-(32)	ng/g	<0.0013	0.0013	0.010				7185195
23'5'-TriCB-(34)	ng/g	<0.0014	0.0014	0.010				7185195
33'4-TriCB-(35)	ng/g	<0.0013	0.0013	0.010				7185195
33'5-TriCB-(36)	ng/g	<0.0012	0.0012	0.010				7185195

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
344'-TriCB-(37)	ng/g	<0.0020	0.0020	0.010				7185195
345-TriCB-(38)	ng/g	<0.0014	0.0014	0.010				7185195
34'5-TriCB-(39)	ng/g	<0.0013	0.0013	0.010				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0027	0.0027	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0033	0.0033	0.010				7185195
22'35-TetraCB-(43)	ng/g	<0.0030	0.0030	0.010				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0154	0.0024	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0027	0.0027	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0032	0.0032	0.010				7185195
22'45-TetraCB-(48)	ng/g	<0.0028	0.0028	0.010				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0103	0.0023	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0026	0.0026	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0348	0.0030	0.010				7185195
22'66'-TetraCB-(54)	ng/g	<0.00063	0.00063	0.010				7185195
233'4-TetraCB-(55)	ng/g	<0.0019	0.0019	0.010				7185195
233'4'-Tetra CB(56)	ng/g	0.0025	0.0020	0.010				7185195
233'5-TetraCB-(57)	ng/g	<0.0019	0.0019	0.010				7185195
233'5'-TetraCB-(58)	ng/g	<0.0020	0.0020	0.010				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0019	0.0019	0.030				7185195
2344'-TetraCB -(60)	ng/g	0.0057	0.0020	0.010				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0423	0.0018	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0018	0.0018	0.010				7185195
234'6-TetraCB-(64)	ng/g	0.0059	0.0020	0.010				7185195
23'44'-TetraCB-(66)	ng/g	0.0237	0.0020	0.010				7185195
23'45-TetraCB-(67)	ng/g	<0.0017	0.0017	0.010				7185195
23'45'-TetraCB-(68)	ng/g	<0.0018	0.0018	0.010				7185195
23'55'-TetraCB-(72)	ng/g	<0.0018	0.0018	0.010				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0019	0.0019	0.010				7185195
33'44'-TetraCB-(77)	ng/g	<0.0026	0.0026	0.010	0.000100	0.000000260		7185195
33'45-TetraCB-(78)	ng/g	<0.0020	0.0020	0.010				7185195
33'45'-TetraCB(79)	ng/g	<0.0018	0.0018	0.010				7185195
33'55'-TetraCB-(80)	ng/g	<0.0017	0.0017	0.010				7185195
344'5-TetraCB-(81)	ng/g	<0.0025	0.0025	0.010	0.000300	0.000000750		7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'4-PentaCB-(82)	ng/g	<0.0028	0.0028	0.010				7185195
PentaCB-(83)+(99)	ng/g	0.0996	0.0027	0.020				7185195
22'33'6-PentaCB-(84)	ng/g	<0.0027	0.0027	0.010				7185195
PentaCB-(85)+(116)+(117)	ng/g	0.0158	0.0020	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0214	0.0020	0.060				7185195
PentaCB-(88)+(91)	ng/g	<0.0024	0.0024	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0027	0.0027	0.010				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0565	0.0021	0.030				7185195
22'355'-PentaCB-(92)	ng/g	0.0148	0.0025	0.010				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0023	0.0023	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0026	0.0026	0.010				7185195
22'35'6-PentaCB-(95)	ng/g	0.0228	0.0024	0.010				7185195
22'366'-PentaCB-(96)	ng/g	<0.0010	0.0010	0.010				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0023	0.0023	0.010				7185195
22'466'-PentaCB-(104)	ng/g	<0.00060	0.00060	0.010				7185195
233'44'-PentaCB-(105)	ng/g	0.0312	0.0027	0.010	0.0000300	0.000000936		7185195
233'45-PentaCB-(106)	ng/g	<0.0022	0.0022	0.010				7185195
233'4'5-PentaCB-(107)	ng/g	0.0089	0.0022	0.010				7185195
PentaCB-(108)+(124)	ng/g	<0.0023	0.0023	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0344	0.0018	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0018	0.0018	0.010				7185195
233'56-PentaCB-(112)	ng/g	<0.0016	0.0016	0.010				7185195
2344'5-PentaCB-(114)	ng/g	0.0027	0.0026	0.010	0.0000300	0.0000000810		7185195
23'44'5-PentaCB-(118)	ng/g	0.0992	0.0027	0.010	0.0000300	0.00000298		7185195
23'455'-PentaCB-(120)	ng/g	<0.0017	0.0017	0.010				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0018	0.0018	0.010				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0025	0.0025	0.010				7185195
23'44'5'-PentaCB-(123)	ng/g	0.0030	0.0029	0.010	0.0000300	0.0000000900		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0025	0.0025	0.010	0.100	0.000250		7185195
33'455'-PentaCB-(127)	ng/g	<0.0023	0.0023	0.010				7185195
HexaCB-(128)+(166)	ng/g	0.0186	0.0026	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.171	0.0028	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	0.0047	0.0035	0.010				7185195

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'46-HexaCB-(131)	ng/g	<0.0035	0.0035	0.010				7185195
22'33'46'-HexaCB-(132)	ng/g	0.0089	0.0033	0.010				7185195
22'33'55'-HexaCB-(133)	ng/g	0.0040	0.0032	0.010				7185195
HexaCB-(134)+(143)	ng/g	<0.0033	0.0033	0.020				7185195
HexaCB-(135)+(151)	ng/g	0.0238	0.0057	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0042	0.0042	0.010				7185195
22'344'5-HexaCB-(137)	ng/g	0.0081	0.0038	0.010				7185195
HexaCB-(139)+(140)	ng/g	<0.0029	0.0029	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	0.0105	0.0029	0.010				7185195
22'3456-HexaCB-(142)	ng/g	<0.0034	0.0034	0.010				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0058	0.0058	0.010				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0043	0.0043	0.010				7185195
22'34'55'-HexaCB-(146)	ng/g	0.0339	0.0029	0.010				7185195
HexaCB-(147)+(149)	ng/g	0.0291	0.0028	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0057	0.0057	0.010				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0041	0.0041	0.010				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0040	0.0040	0.010				7185195
HexaCB-(153)+(168)	ng/g	0.231	0.0024	0.010				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0049	0.0049	0.010				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0028	0.0028	0.010				7185195
HexaCB-(156)+(157)	ng/g	0.0097	0.0017	0.020	0.0000300	0.000000291		7185195
233'44'6-HexaCB-(158)	ng/g	0.0084	0.0021	0.010				7185195
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.010				7185195
233'456-HexaCB-(160)	ng/g	<0.0024	0.0024	0.010				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0022	0.0022	0.010				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0014	0.0014	0.010				7185195
233'4'5'6-HexaCB-(164)	ng/g	0.0031	0.0020	0.010				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0024	0.0024	0.010				7185195
23'44'55'-HexaCB-(167)	ng/g	0.0055	0.0016	0.010	0.0000300	0.000000165		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.010	0.0300	0.0000510		7185195
22'33'44'5-HeptaCB-(170)	ng/g	0.0128	0.0029	0.010				7185195
HeptaCB-(171)+(173)	ng/g	0.0043	0.0037	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0038	0.0038	0.010				7185195

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'456'-HeptaCB-(174)	ng/g	0.0055	0.0034	0.010				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0059	0.0059	0.010				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0043	0.0043	0.010				7185195
22'33'45'6'-HeptaCB-(177)	ng/g	0.0048	0.0038	0.010				7185195
22'33'55'6-HeptaCB-(178)	ng/g	0.0103	0.0062	0.010				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0042	0.0042	0.010				7185195
HeptaCB-(180)+(193)	ng/g	0.0451	0.0029	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0036	0.0036	0.010				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0056	0.0056	0.010				7185195
22'344'5'6-HeptaCB-(183)	ng/g	0.0163	0.0034	0.010				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0042	0.0042	0.010				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0037	0.0037	0.010				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0045	0.0045	0.010				7185195
22'34'55'6-HeptaCB-(187)	ng/g	0.0471	0.0057	0.010				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0038	0.0038	0.010				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0020	0.0020	0.010	0.0000300	0.0000000600		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0029	0.0029	0.010				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0029	0.0029	0.010				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0031	0.0031	0.010				7185195
22'33'44'55'-OctaCB-(194)	ng/g	0.00493	0.00077	0.010				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.00082	0.00082	0.010				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0048	0.0048	0.010				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0037	0.0037	0.010				7185195
OctaCB-(198)+(199)	ng/g	0.0078	0.0048	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0031	0.0031	0.010				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0034	0.0034	0.010				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0029	0.0029	0.010				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0044	0.0044	0.010				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0035	0.0035	0.010				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.00076	0.00076	0.010				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0024	0.0024	0.010				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0022	0.0022	0.010				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0025	0.0025	0.010				7185195

EDL = Estimated Detection Limit

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
DecaCB-(209)	ng/g	<0.00086	0.00086	0.010				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000307		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	68						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	69						7185195
C13-22'33'44'5-HeptaCB-(170)	%	74						7185195
C13-22'33'455'66'-NonaCB-(208)	%	72						7185195
C13-22'33'55'66'-OctaCB-(202)	%	73						7185195
C13-22'33'55'6-HeptaCB-(178)	%	70						7185195
C13-22'344'55'-HeptaCB-(180)	%	73						7185195
C13-22'34'566'-HeptaCB-(188)	%	71						7185195
C13-22'44'66'-HexaCB-(155)	%	66						7185195
C13-22'466'-PentaCB-(104)	%	66						7185195
C13-22'66'-TetraCB-(54)	%	64						7185195
C13-22'6-TriCB-(19)	%	55						7185195
C13-22'-DiCB-(4)	%	52						7185195
C13-233'44'55'6-OctaCB-(205)	%	76						7185195
C13-233'44'55'-HeptaCB-(189)	%	82						7185195
C13-233'44'-PentaCB-(105)	%	81						7185195
C13-233'55'-PentaCB-(111)	%	66						7185195
C13-23'44'55'-HexaCB-(167)	%	82						7185195
C13-2344'5-PentaCB-(114)	%	82						7185195
C13-23'44'5-PentaCB-(118)	%	84						7185195
C13-2'344'5-PentaCB-(123)	%	83						7185195
C13-2-MonoCB-(1)	%	54						7185195
C13-33'44'55'-HexaCB-(169)	%	71						7185195
C13-33'44'5-PentaCB-(126)	%	77						7185195
C13-33'44'-TetraCB-(77)	%	76						7185195
C13-344'5-TetraCB-(81)	%	80						7185195
C13-344'-TriCB-(37)	%	76						7185195
C13-44'-DiCB-(15)	%	65						7185195
C13-4-MonoCB-(3)	%	54						7185195
C13-DecaCB-(209)	%	67						7185195

EDL = Estimated Detection Limit
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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-HexaCB-(156)+(157)	%	81						7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.0010	0.0010	0.0099				7185195
3-MonoCB-(2)	ng/g	<0.0010	0.0010	0.0099				7185195
4-MonoCB-(3)	ng/g	<0.0010	0.0010	0.0099				7185195
22'-DiCB-(4)	ng/g	<0.00075	0.00075	0.0099				7185195
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0099				7185195
2,3'-DiCB-(6)	ng/g	<0.00086	0.00086	0.0099				7185195
2,4-DiCB-(7)	ng/g	<0.00085	0.00085	0.0099				7185195
2,4'-DiCB-(8)	ng/g	<0.00068	0.00068	0.0099				7185195
2,5-DiCB-(9)	ng/g	<0.00089	0.00089	0.0099				7185195
2,6-DiCB-(10)	ng/g	<0.00085 (1)	0.00085	0.0099				7185195
3,3'-DiCB-(11)	ng/g	<0.0022	0.0022	0.0099				7185195
DiCB-(12)+(13)	ng/g	<0.00088	0.00088	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.00088	0.00088	0.0099				7185195
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0099				7185195
22'3-TriCB-(16)	ng/g	<0.0019	0.0019	0.0099				7185195
22'4-TriCB-(17)	ng/g	<0.0012	0.0012	0.0099				7185195
TriCB-(18)+(30)	ng/g	<0.00094	0.00094	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.00085	0.00085	0.0099				7185195
TriCB-(20) + (28)	ng/g	0.00171	0.00092	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.00098	0.00098	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0010	0.0010	0.0099				7185195
235-TriCB-(23)	ng/g	<0.00099	0.00099	0.0099				7185195
236-TriCB-(24)	ng/g	<0.00078	0.00078	0.0099				7185195
23'4-TriCB-(25)	ng/g	<0.00093	0.00093	0.0099				7185195
TriCB-(26)+(29)	ng/g	<0.00095	0.00095	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.00082	0.00082	0.0099				7185195
24'5-TriCB-(31)	ng/g	0.00159	0.00092	0.0099				7185195
24'6-TriCB-(32)	ng/g	<0.00079	0.00079	0.0099				7185195
23'5'-TriCB-(34)	ng/g	<0.0010	0.0010	0.0099				7185195
33'4-TriCB-(35)	ng/g	<0.00098	0.00098	0.0099				7185195
33'5-TriCB-(36)	ng/g	<0.00090	0.00090	0.0099				7185195
344'-TriCB-(37)	ng/g	<0.0015	0.0015	0.0099				7185195

EDL = Estimated Detection Limit

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QC Batch = Quality Control Batch

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0010	0.0010	0.0099				7185195
34'5-TriCB-(39)	ng/g	<0.00096	0.00096	0.0099				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0020	0.0020	0.030				7185195
22'34'-TetraCB-(42)	ng/g	<0.0025	0.0025	0.0099				7185195
22'35-TetraCB-(43)	ng/g	<0.0023	0.0023	0.0099				7185195
TetraCB-(44)+(47)+(65)	ng/g	0.0024	0.0018	0.030				7185195
TetraCB-(45)+(51)	ng/g	<0.0021	0.0021	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0024	0.0024	0.0099				7185195
22'45-TetraCB-(48)	ng/g	<0.0021	0.0021	0.0099				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	0.0020	0.0018	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0020	0.0020	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0062	0.0023	0.0099				7185195
22'66'-TetraCB-(54)	ng/g	<0.00088	0.00088	0.0099				7185195
233'4-TetraCB-(55)	ng/g	<0.0015	0.0015	0.0099				7185195
233'4'-Tetra CB(56)	ng/g	<0.0016	0.0016	0.0099				7185195
233'5-TetraCB-(57)	ng/g	<0.0016	0.0016	0.0099				7185195
233'5'-TetraCB-(58)	ng/g	<0.0016	0.0016	0.0099				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0015	0.0015	0.030				7185195
2344'-TetraCB -(60)	ng/g	<0.0016	0.0016	0.0099				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0054	0.0015	0.040				7185195
234'5-TetraCB-(63)	ng/g	<0.0015	0.0015	0.0099				7185195
234'6-TetraCB-(64)	ng/g	<0.0015	0.0015	0.0099				7185195
23'44'-TetraCB-(66)	ng/g	0.0032	0.0016	0.0099				7185195
23'45-TetraCB-(67)	ng/g	<0.0014	0.0014	0.0099				7185195
23'45'-TetraCB-(68)	ng/g	<0.0015	0.0015	0.0099				7185195
23'55'-TetraCB-(72)	ng/g	<0.0015	0.0015	0.0099				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0014	0.0014	0.0099				7185195
33'44'-TetraCB-(77)	ng/g	<0.0021	0.0021	0.0099	0.000100	0.000000210		7185195
33'45-TetraCB-(78)	ng/g	<0.0016	0.0016	0.0099				7185195
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0099				7185195
33'55'-TetraCB-(80)	ng/g	<0.0014	0.0014	0.0099				7185195
344'5-TetraCB-(81)	ng/g	<0.0020	0.0020	0.0099	0.000300	0.000000600		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0030	0.0030	0.0099				7185195
PentaCB-(83)+(99)	ng/g	0.0077	0.0030	0.020				7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0030	0.0030	0.0099				7185195
PentaCB-(85)+(116)+(117)	ng/g	<0.0022	0.0022	0.030				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0025	0.0022	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0026	0.0026	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0029	0.0029	0.0099				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0069	0.0023	0.030				7185195
22'355'-PentaCB-(92)	ng/g	<0.0027	0.0027	0.0099				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0026	0.0026	0.040				7185195
22'356'-PentaCB-(94)	ng/g	<0.0028	0.0028	0.0099				7185195
22'35'6-PentaCB-(95)	ng/g	<0.0026	0.0026	0.0099				7185195
22'366'-PentaCB-(96)	ng/g	<0.0016	0.0016	0.0099				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0025	0.0025	0.0099				7185195
22'466'-PentaCB-(104)	ng/g	<0.00096	0.00096	0.0099				7185195
233'44'-PentaCB-(105)	ng/g	<0.0019 (1)	0.0019	0.0099	0.0000300	0.0000000570		7185195
233'45-PentaCB-(106)	ng/g	<0.0012	0.0012	0.0099				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0012	0.0012	0.0099				7185195
PentaCB-(108)+(124)	ng/g	<0.0013	0.0013	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0044	0.0020	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0019	0.0019	0.0099				7185195
233'56-PentaCB-(112)	ng/g	<0.0017	0.0017	0.0099				7185195
2344'5-PentaCB-(114)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420		7185195
23'44'5-PentaCB-(118)	ng/g	0.0077	0.0015	0.0099	0.0000300	0.000000231		7185195
23'455'-PentaCB-(120)	ng/g	<0.0019	0.0019	0.0099				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0020	0.0020	0.0099				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0099				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0016	0.0016	0.0099	0.0000300	0.0000000480		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0014	0.0014	0.0099	0.100	0.000140		7185195
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0099				7185195
HexaCB-(128)+(166)	ng/g	<0.0021	0.0021	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	0.0105	0.0021	0.030				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0027	0.0027	0.0099				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0028	0.0028	0.0099				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0026	0.0026	0.0099				7185195

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0025	0.0025	0.0099				7185195
HexaCB-(134)+(143)	ng/g	<0.0026	0.0026	0.020				7185195
HexaCB-(135)+(151)	ng/g	<0.0045	0.0045	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0033	0.0033	0.0099				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0030	0.0030	0.0099				7185195
HexaCB-(139)+(140)	ng/g	<0.0022	0.0022	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0023	0.0023	0.0099				7185195
22'3456-HexaCB-(142)	ng/g	<0.0026	0.0026	0.0099				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0046	0.0046	0.0099				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0034	0.0034	0.0099				7185195
22'34'55'-HexaCB-(146)	ng/g	<0.0022	0.0022	0.0099				7185195
HexaCB-(147)+(149)	ng/g	0.0025	0.0022	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0045	0.0045	0.0099				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0032	0.0032	0.0099				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0032	0.0032	0.0099				7185195
HexaCB-(153)+(168)	ng/g	0.0157	0.0018	0.0099				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0039	0.0039	0.0099				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0022	0.0022	0.0099				7185195
HexaCB-(156)+(157)	ng/g	<0.0016	0.0016	0.020	0.0000300	0.0000000480		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0016	0.0016	0.0099				7185195
233'455'-HexaCB-(159)	ng/g	<0.0014	0.0014	0.0099				7185195
233'456-HexaCB-(160)	ng/g	<0.0019	0.0019	0.0099				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0017	0.0017	0.0099				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0013	0.0013	0.0099				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0015	0.0015	0.0099				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0019	0.0019	0.0099				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0015	0.0015	0.0099	0.0000300	0.0000000450		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0017	0.0017	0.0099	0.0300	0.0000510		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0018	0.0018	0.0099				7185195
HeptaCB-(171)+(173)	ng/g	<0.0023	0.0023	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0024	0.0024	0.0099				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0021	0.0021	0.0099				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0029	0.0029	0.0099				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0022	0.0022	0.0099				7185195

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0023	0.0023	0.0099				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0031	0.0031	0.0099				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0021	0.0021	0.0099				7185195
HeptaCB-(180)+(193)	ng/g	0.0032	0.0018	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0022	0.0022	0.0099				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0028	0.0028	0.0099				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0021	0.0021	0.0099				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0021	0.0021	0.0099				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0023	0.0023	0.0099				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0023	0.0023	0.0099				7185195
22'34'55'6-HeptaCB-(187)	ng/g	<0.0029	0.0029	0.0099				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0019	0.0019	0.0099				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.0014	0.0014	0.0099	0.0000300	0.0000000420		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0018	0.0018	0.0099				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0018	0.0018	0.0099				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0019	0.0019	0.0099				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0022	0.0022	0.0099				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0024	0.0024	0.0099				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0022	0.0022	0.0099				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0017	0.0017	0.0099				7185195
OctaCB-(198)+(199)	ng/g	<0.0022	0.0022	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0014	0.0014	0.0099				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0016	0.0016	0.0099				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0013	0.0013	0.0099				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0020	0.0020	0.0099				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0016	0.0016	0.0099				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0022	0.0022	0.0099				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0020	0.0020	0.0099				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0018	0.0018	0.0099				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0021	0.0021	0.0099				7185195
DecaCB-(209)	ng/g	<0.0020	0.0020	0.0099				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000192		
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	84						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-22'33'44'55'6-NonaCB-(206)	%	76						7185195
C13-22'33'44'5-HeptaCB-(170)	%	85						7185195
C13-22'33'455'66'-NonaCB-(208)	%	79						7185195
C13-22'33'55'66'-OctaCB-(202)	%	79						7185195
C13-22'33'55'6-HeptaCB-(178)	%	85						7185195
C13-22'344'55'-HeptaCB-(180)	%	84						7185195
C13-22'34'566'-HeptaCB-(188)	%	71						7185195
C13-22'44'66'-HexaCB-(155)	%	67						7185195
C13-22'466'-PentaCB-(104)	%	65						7185195
C13-22'66'-TetraCB-(54)	%	62						7185195
C13-22'6-TriCB-(19)	%	57						7185195
C13-22'-DiCB-(4)	%	50						7185195
C13-233'44'55'6-OctaCB-(205)	%	80						7185195
C13-233'44'55'-HeptaCB-(189)	%	89						7185195
C13-233'44'-PentaCB-(105)	%	83						7185195
C13-233'55'-PentaCB-(111)	%	85						7185195
C13-23'44'55'-HexaCB-(167)	%	88						7185195
C13-2344'5-PentaCB-(114)	%	82						7185195
C13-23'44'5-PentaCB-(118)	%	85						7185195
C13-2'344'5-PentaCB-(123)	%	87						7185195
C13-2-MonoCB-(1)	%	54						7185195
C13-33'44'55'-HexaCB-(169)	%	76						7185195
C13-33'44'5-PentaCB-(126)	%	82						7185195
C13-33'44'-TetraCB-(77)	%	81						7185195
C13-344'5-TetraCB-(81)	%	81						7185195
C13-344'-TriCB-(37)	%	75						7185195
C13-44'-DiCB-(15)	%	65						7185195
C13-4-MonoCB-(3)	%	52						7185195
C13-DecaCB-(209)	%	73						7185195
C13-HexaCB-(156)+(157)	%	84						7185195

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
PCBs								
2-MonoCB-(1)	ng/g	<0.00094	0.00094	0.0098				7185195
3-MonoCB-(2)	ng/g	0.00152	0.00092	0.0098				7185195
4-MonoCB-(3)	ng/g	<0.00092	0.00092	0.0098				7185195
22'-DiCB-(4)	ng/g	<0.00082	0.00082	0.0098				7185195
2,3-DiCB-(5)	ng/g	<0.0012	0.0012	0.0098				7185195
2,3'-DiCB-(6)	ng/g	<0.00083	0.00083	0.0098				7185195
2,4-DiCB-(7)	ng/g	<0.00082	0.00082	0.0098				7185195
2,4'-DiCB-(8)	ng/g	<0.00066	0.00066	0.0098				7185195
2,5-DiCB-(9)	ng/g	<0.00087	0.00087	0.0098				7185195
2,6-DiCB-(10)	ng/g	<0.00093	0.00093	0.0098				7185195
3,3'-DiCB-(11)	ng/g	<0.0022 (1)	0.0022	0.0098				7185195
DiCB-(12)+(13)	ng/g	<0.00086	0.00086	0.020				7185195
3,5-DiCB-(14)	ng/g	<0.00085	0.00085	0.0098				7185195
4,4'-DiCB-(15)	ng/g	<0.0013	0.0013	0.0098				7185195
22'3-TriCB-(16)	ng/g	<0.0016	0.0016	0.0098				7185195
22'4-TriCB-(17)	ng/g	<0.0010	0.0010	0.0098				7185195
TriCB-(18)+(30)	ng/g	<0.00079	0.00079	0.020				7185195
22'6-TriCB-(19)	ng/g	<0.00071	0.00071	0.0098				7185195
TriCB-(20) + (28)	ng/g	<0.0016	0.0016	0.020				7185195
TriCB-(21)+(33)	ng/g	<0.0017	0.0017	0.020				7185195
234'-TriCB-(22)	ng/g	<0.0018	0.0018	0.0098				7185195
235-TriCB-(23)	ng/g	<0.0017	0.0017	0.0098				7185195
236-TriCB-(24)	ng/g	<0.00066	0.00066	0.0098				7185195
23'4-TriCB-(25)	ng/g	<0.0016	0.0016	0.0098				7185195
TriCB-(26)+(29)	ng/g	<0.0017	0.0017	0.020				7185195
23'6-TriCB-(27)	ng/g	<0.00068	0.00068	0.0098				7185195
24'5-TriCB-(31)	ng/g	<0.0016	0.0016	0.0098				7185195
24'6-TriCB-(32)	ng/g	<0.00066	0.00066	0.0098				7185195
23'5'-TriCB-(34)	ng/g	<0.0018	0.0018	0.0098				7185195
33'4-TriCB-(35)	ng/g	<0.0017	0.0017	0.0098				7185195
33'5-TriCB-(36)	ng/g	<0.0016	0.0016	0.0098				7185195
344'-TriCB-(37)	ng/g	<0.0026	0.0026	0.0098				7185195

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BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
345-TriCB-(38)	ng/g	<0.0018	0.0018	0.0098				7185195
34'5-TriCB-(39)	ng/g	<0.0017	0.0017	0.0098				7185195
TetraCB-(40)+(41)+(71)	ng/g	<0.0016	0.0016	0.029				7185195
22'34'-TetraCB-(42)	ng/g	<0.0020	0.0020	0.0098				7185195
22'35-TetraCB-(43)	ng/g	<0.0018	0.0018	0.0098				7185195
TetraCB-(44)+(47)+(65)	ng/g	<0.0015	0.0015	0.029				7185195
TetraCB-(45)+(51)	ng/g	<0.0017	0.0017	0.020				7185195
22'36'-TetraCB-(46)	ng/g	<0.0019	0.0019	0.0098				7185195
22'45-TetraCB-(48)	ng/g	<0.0017	0.0017	0.0098				7185195
TetraCB-(49)+TetraCB-(69)	ng/g	<0.0014	0.0014	0.020				7185195
TetraCB-(50)+(53)	ng/g	<0.0016	0.0016	0.020				7185195
22'55'-TetraCB-(52)	ng/g	0.0028	0.0018	0.0098				7185195
22'66'-TetraCB-(54)	ng/g	<0.0012	0.0012	0.0098				7185195
233'4-TetraCB-(55)	ng/g	<0.0014	0.0014	0.0098				7185195
233'4'-Tetra CB(56)	ng/g	<0.0015	0.0015	0.0098				7185195
233'5-TetraCB-(57)	ng/g	<0.0015	0.0015	0.0098				7185195
233'5'-TetraCB-(58)	ng/g	<0.0015	0.0015	0.0098				7185195
TetraCB-(59)+(62)+(75)	ng/g	<0.0012	0.0012	0.029				7185195
2344'-TetraCB -(60)	ng/g	<0.0015	0.0015	0.0098				7185195
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0038	0.0014	0.039				7185195
234'5-TetraCB-(63)	ng/g	<0.0014	0.0014	0.0098				7185195
234'6-TetraCB-(64)	ng/g	<0.0012	0.0012	0.0098				7185195
23'44'-TetraCB-(66)	ng/g	0.0021	0.0015	0.0098				7185195
23'45-TetraCB-(67)	ng/g	<0.0013	0.0013	0.0098				7185195
23'45'-TetraCB-(68)	ng/g	<0.0014	0.0014	0.0098				7185195
23'55'-TetraCB-(72)	ng/g	<0.0014	0.0014	0.0098				7185195
23'5'6-TetraCB-(73)	ng/g	<0.0011	0.0011	0.0098				7185195
33'44'-TetraCB-(77)	ng/g	<0.0020	0.0020	0.0098	0.000100	0.000000200		7185195
33'45-TetraCB-(78)	ng/g	<0.0015	0.0015	0.0098				7185195
33'45'-TetraCB(79)	ng/g	<0.0014	0.0014	0.0098				7185195
33'55'-TetraCB-(80)	ng/g	<0.0013	0.0013	0.0098				7185195
344'5-TetraCB-(81)	ng/g	<0.0019	0.0019	0.0098	0.000300	0.000000570		7185195
22'33'4-PentaCB-(82)	ng/g	<0.0018	0.0018	0.0098				7185195
PentaCB-(83)+(99)	ng/g	0.0049	0.0018	0.020				7185195

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'6-PentaCB-(84)	ng/g	<0.0018	0.0018	0.0098				7185195
PentaCB-(85)+(116)+(117)	ng/g	<0.0013	0.0013	0.029				7185195
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	<0.0013	0.0013	0.059				7185195
PentaCB-(88)+(91)	ng/g	<0.0016	0.0016	0.020				7185195
22'346'-PentaCB-(89)	ng/g	<0.0018	0.0018	0.0098				7185195
PentaCB-(90)+(101)+(113)	ng/g	0.0038	0.0014	0.029				7185195
22'355'-PentaCB-(92)	ng/g	<0.0016	0.0016	0.0098				7185195
PentaCB-(93)+(98)+(100)+(102)	ng/g	<0.0015	0.0015	0.039				7185195
22'356'-PentaCB-(94)	ng/g	<0.0017	0.0017	0.0098				7185195
22'35'6-PentaCB-(95)	ng/g	<0.0016	0.0016	0.0098				7185195
22'366'-PentaCB-(96)	ng/g	<0.0021	0.0021	0.0098				7185195
22'45'6-PentaCB-(103)	ng/g	<0.0015	0.0015	0.0098				7185195
22'466'-PentaCB-(104)	ng/g	<0.0013	0.0013	0.0098				7185195
233'44'-PentaCB-(105)	ng/g	<0.0015	0.0015	0.0098	0.0000300	0.0000000450		7185195
233'45-PentaCB-(106)	ng/g	<0.0013	0.0013	0.0098				7185195
233'4'5-PentaCB-(107)	ng/g	<0.0013	0.0013	0.0098				7185195
PentaCB-(108)+(124)	ng/g	<0.0013	0.0013	0.020				7185195
PentaCB-(110)+(115)	ng/g	0.0026	0.0012	0.020				7185195
233'55'-PentaCB-(111)	ng/g	<0.0012	0.0012	0.0098				7185195
233'56-PentaCB-(112)	ng/g	<0.0010	0.0010	0.0098				7185195
2344'5-PentaCB-(114)	ng/g	<0.0015	0.0015	0.0098	0.0000300	0.0000000450		7185195
23'44'5-PentaCB-(118)	ng/g	0.0047	0.0015	0.0098	0.0000300	0.000000141		7185195
23'455'-PentaCB-(120)	ng/g	<0.0011	0.0011	0.0098				7185195
23'45'6-PentaCB-(121)	ng/g	<0.0012	0.0012	0.0098				7185195
233'4'5'-PentaCB-(122)	ng/g	<0.0014	0.0014	0.0098				7185195
23'44'5'-PentaCB-(123)	ng/g	<0.0017	0.0017	0.0098	0.0000300	0.0000000510		7185195
33'44'5-PentaCB-(126)	ng/g	<0.0015	0.0015	0.0098	0.100	0.000150		7185195
33'455'-PentaCB-(127)	ng/g	<0.0013	0.0013	0.0098				7185195
HexaCB-(128)+(166)	ng/g	<0.0030	0.0030	0.020				7185195
HexaCB-(129)+(138)+(163)	ng/g	<0.0070 (1)	0.0070	0.029				7185195
22'33'45'-HexaCB-(130)	ng/g	<0.0039	0.0039	0.0098				7185195
22'33'46-HexaCB-(131)	ng/g	<0.0040	0.0040	0.0098				7185195
22'33'46'-HexaCB-(132)	ng/g	<0.0038	0.0038	0.0098				7185195

EDL = Estimated Detection Limit
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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'55'-HexaCB-(133)	ng/g	<0.0036	0.0036	0.0098				7185195
HexaCB-(134)+(143)	ng/g	<0.0037	0.0037	0.020				7185195
HexaCB-(135)+(151)	ng/g	<0.0035	0.0035	0.020				7185195
22'33'66'-HexaCB-(136)	ng/g	<0.0025	0.0025	0.0098				7185195
22'344'5-HexaCB-(137)	ng/g	<0.0043	0.0043	0.0098				7185195
HexaCB-(139)+(140)	ng/g	<0.0032	0.0032	0.020				7185195
22'3455'-HexaCB-(141)	ng/g	<0.0033	0.0033	0.0098				7185195
22'3456-HexaCB-(142)	ng/g	<0.0038	0.0038	0.0098				7185195
22'345'6-HexaCB-(144)	ng/g	<0.0036	0.0036	0.0098				7185195
22'3466'-HexaCB-(145)	ng/g	<0.0026	0.0026	0.0098				7185195
22'34'55'-HexaCB-(146)	ng/g	<0.0032	0.0032	0.0098				7185195
HexaCB-(147)+(149)	ng/g	<0.0031	0.0031	0.020				7185195
22'34'56'-HexaCB-(148)	ng/g	<0.0035	0.0035	0.0098				7185195
22'34'66'-HexaCB-(150)	ng/g	<0.0025	0.0025	0.0098				7185195
22'3566'-HexaCB-(152)	ng/g	<0.0025	0.0025	0.0098				7185195
HexaCB-(153)+(168)	ng/g	0.0109	0.0027	0.0098				7185195
22'44'56'-HexaCB-(154)	ng/g	<0.0030	0.0030	0.0098				7185195
22'44'66'-HexaCB-(155)	ng/g	<0.0017	0.0017	0.0098				7185195
HexaCB-(156)+(157)	ng/g	<0.0014	0.0014	0.020	0.0000300	0.0000000420		7185195
233'44'6-HexaCB-(158)	ng/g	<0.0024	0.0024	0.0098				7185195
233'455'-HexaCB-(159)	ng/g	<0.0011	0.0011	0.0098				7185195
233'456-HexaCB-(160)	ng/g	<0.0027	0.0027	0.0098				7185195
233'45'6-HexaCB-(161)	ng/g	<0.0025	0.0025	0.0098				7185195
233'4'55'-HexaCB-(162)	ng/g	<0.0011	0.0011	0.0098				7185195
233'4'5'6-HexaCB-(164)	ng/g	<0.0022	0.0022	0.0098				7185195
233'55'6-HexaCB-(165)	ng/g	<0.0028	0.0028	0.0098				7185195
23'44'55'-HexaCB-(167)	ng/g	<0.0013	0.0013	0.0098	0.0000300	0.0000000390		7185195
33'44'55'-HexaCB-(169)	ng/g	<0.0014	0.0014	0.0098	0.0300	0.0000420		7185195
22'33'44'5-HeptaCB-(170)	ng/g	<0.0019	0.0019	0.0098				7185195
HeptaCB-(171)+(173)	ng/g	<0.0025	0.0025	0.020				7185195
22'33'455'-HeptaCB-(172)	ng/g	<0.0026	0.0026	0.0098				7185195
22'33'456'-HeptaCB-(174)	ng/g	<0.0023	0.0023	0.0098				7185195
22'33'45'6-HeptaCB-(175)	ng/g	<0.0034	0.0034	0.0098				7185195
22'33'466'-HeptaCB-(176)	ng/g	<0.0025	0.0025	0.0098				7185195

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'33'45'6'-HeptaCB-(177)	ng/g	<0.0025	0.0025	0.0098				7185195
22'33'55'6-HeptaCB-(178)	ng/g	<0.0035	0.0035	0.0098				7185195
22'33'566'-HeptaCB-(179)	ng/g	<0.0024	0.0024	0.0098				7185195
HeptaCB-(180)+(193)	ng/g	<0.0023 (1)	0.0023	0.020				7185195
22'344'56-HeptaCB-(181)	ng/g	<0.0024	0.0024	0.0098				7185195
22'344'56'-HeptaCB-(182)	ng/g	<0.0032	0.0032	0.0098				7185195
22'344'5'6-HeptaCB-(183)	ng/g	<0.0023	0.0023	0.0098				7185195
22'344'66'-HeptaCB-(184)	ng/g	<0.0024	0.0024	0.0098				7185195
22'3455'6-HeptaCB-(185)	ng/g	<0.0025	0.0025	0.0098				7185195
22'34566'-HeptaCB-(186)	ng/g	<0.0026	0.0026	0.0098				7185195
22'34'55'6-HeptaCB-(187)	ng/g	<0.0033	0.0033	0.0098				7185195
22'34'566'-HeptaCB-(188)	ng/g	<0.0022	0.0022	0.0098				7185195
233'44'55'-HeptaCB-(189)	ng/g	<0.00083	0.00083	0.0098	0.0000300	0.0000000249		7185195
233'44'56-HeptaCB-(190)	ng/g	<0.0020	0.0020	0.0098				7185195
233'44'5'6-HeptaCB-(191)	ng/g	<0.0019	0.0019	0.0098				7185195
233'455'6-HeptaCB-(192)	ng/g	<0.0021	0.0021	0.0098				7185195
22'33'44'55'-OctaCB-(194)	ng/g	<0.0021	0.0021	0.0098				7185195
22'33'44'56-OctaCB-(195)	ng/g	<0.0023	0.0023	0.0098				7185195
22'33'44'56'-OctaCB-(196)	ng/g	<0.0044	0.0044	0.0098				7185195
22'33'44'66'OctaCB-(197)	ng/g	<0.0034	0.0034	0.0098				7185195
OctaCB-(198)+(199)	ng/g	<0.0043	0.0043	0.020				7185195
22'33'4566'-OctaCB-(200)	ng/g	<0.0028	0.0028	0.0098				7185195
22'33'45'66'-OctaCB-(201)	ng/g	<0.0031	0.0031	0.0098				7185195
22'33'55'66'-OctaCB-(202)	ng/g	<0.0026	0.0026	0.0098				7185195
22'344'55'6-OctaCB-(203)	ng/g	<0.0040	0.0040	0.0098				7185195
22'344'566'-OctaCB-(204)	ng/g	<0.0032	0.0032	0.0098				7185195
233'44'55'6-OctaCB-(205)	ng/g	<0.0021	0.0021	0.0098				7185195
22'33'44'55'6-NonaCB-(206)	ng/g	<0.0023	0.0023	0.0098				7185195
22'33'44'566'-NonaCB-(207)	ng/g	<0.0021	0.0021	0.0098				7185195
22'33'455'66'-NonaCB-(208)	ng/g	<0.0024	0.0024	0.0098				7185195
DecaCB-(209)	ng/g	<0.0030	0.0030	0.0098				7185195
TOTAL TOXIC EQUIVALENCY	ng/g					0.000193		

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
C13-2,44'-TriCB-(28)	%	83						7185195
C13-22'33'44'55'6-NonaCB-(206)	%	79						7185195
C13-22'33'44'5-HeptaCB-(170)	%	82						7185195
C13-22'33'455'66'-NonaCB-(208)	%	76						7185195
C13-22'33'55'66'-OctaCB-(202)	%	78						7185195
C13-22'33'55'6-HeptaCB-(178)	%	85						7185195
C13-22'344'55'-HeptaCB-(180)	%	81						7185195
C13-22'34'566'-HeptaCB-(188)	%	70						7185195
C13-22'44'66'-HexaCB-(155)	%	69						7185195
C13-22'466'-PentaCB-(104)	%	68						7185195
C13-22'66'-TetraCB-(54)	%	59						7185195
C13-22'6-TriCB-(19)	%	56						7185195
C13-22'-DiCB-(4)	%	47						7185195
C13-233'44'55'6-OctaCB-(205)	%	83						7185195
C13-233'44'55'-HeptaCB-(189)	%	90						7185195
C13-233'44'-PentaCB-(105)	%	86						7185195
C13-233'55'-PentaCB-(111)	%	85						7185195
C13-23'44'55'-HexaCB-(167)	%	85						7185195
C13-2344'5-PentaCB-(114)	%	84						7185195
C13-23'44'5-PentaCB-(118)	%	85						7185195
C13-2'344'5-PentaCB-(123)	%	86						7185195
C13-2-MonoCB-(1)	%	49						7185195
C13-33'44'55'-HexaCB-(169)	%	74						7185195
C13-33'44'5-PentaCB-(126)	%	86						7185195
C13-33'44'-TetraCB-(77)	%	82						7185195
C13-344'5-TetraCB-(81)	%	80						7185195
C13-344'-TriCB-(37)	%	74						7185195
C13-44'-DiCB-(15)	%	60						7185195
C13-4-MonoCB-(3)	%	50						7185195
C13-DecaCB-(209)	%	74						7185195
C13-HexaCB-(156)+(157)	%	85						7185195

EDL = Estimated Detection Limit

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

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BV Labs - Partial/Rush Results

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GENERAL COMMENTS

For worksheets 6982339/696790/7055807:

Blank was found to contain numerous PCB congeners greater than the RDL. Glassware blank and proofing of materials and equipment used in the analysis of the PCB tissue samples were determined to be clean and not a contributor to the observed contamination. Please view results with caution.

A few native recoveries in the Spike were found to be above method criteria, due to the background in matrix used for blank and blank spike. No effect to sample results.

Sample NPZ235 [20LNG-HEP-31] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB188 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ257 [20LNG-HEP-32] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB188 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ291 [20LNG-HEP-44] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB179 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Sample NPZ292 [20LNG-HEP-45] : PCB analysis:

Due to high internal interference, sample was diluted to 10x and RDL was adjusted accordingly. Results for natives PCB179 throughout PCB 209 are obtained from the dilution, including the internal recoveries

Results relate only to the items tested.

BV Labs - Partial/Rush Results

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QUALITY ASSURANCE REPORT

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	C13-2,44'-TriCB-(28)	2020/09/28	67	40 - 125	50	40 - 125	67	%		
6967990	C13-22'33'44'55'6-NonaCB-(206)	2020/09/28	98	30 - 140	98	30 - 140	89	%		
6967990	C13-22'33'44'5-HeptaCB-(170)	2020/09/28	96	30 - 140	89	30 - 140	93	%		
6967990	C13-22'33'455'66'-NonaCB-(208)	2020/09/28	102	30 - 140	106	30 - 140	95	%		
6967990	C13-22'33'55'66'-OctaCB-(202)	2020/09/28	106	30 - 140	102	30 - 140	99	%		
6967990	C13-22'33'55'6-HeptaCB-(178)	2020/09/28	110	40 - 125	90	40 - 125	100	%		
6967990	C13-22'344'55'-HeptaCB-(180)	2020/09/28	98	30 - 140	89	30 - 140	96	%		
6967990	C13-22'34'566'-HeptaCB-(188)	2020/09/28	92	30 - 140	89	30 - 140	81	%		
6967990	C13-22'44'66'-HexaCB-(155)	2020/09/28	84	30 - 140	85	30 - 140	74	%		
6967990	C13-22'466'-PentaCB-(104)	2020/09/28	85	30 - 140	83	30 - 140	77	%		
6967990	C13-22'66'-TetraCB-(54)	2020/09/28	74	30 - 140	65	30 - 140	69	%		
6967990	C13-22'6-TriCB-(19)	2020/09/28	72	30 - 140	59	30 - 140	67	%		
6967990	C13-22'-DiCB-(4)	2020/09/28	63	30 - 140	54	30 - 140	63	%		
6967990	C13-233'44'55'6-OctaCB-(205)	2020/09/28	87	30 - 140	82	30 - 140	88	%		
6967990	C13-233'44'55'-HeptaCB-(189)	2020/09/28	72	30 - 140	60	30 - 140	86	%		
6967990	C13-233'44'-PentaCB-(105)	2020/09/28	69	30 - 140	58	30 - 140	74	%		
6967990	C13-233'55'-PentaCB-(111)	2020/09/28	83	40 - 125	71	40 - 125	87	%		
6967990	C13-23'44'55'-HexaCB-(167)	2020/09/28	69	30 - 140	66	30 - 140	71	%		
6967990	C13-2344'5-PentaCB-(114)	2020/09/28	69	30 - 140	60	30 - 140	76	%		
6967990	C13-23'44'5-PentaCB-(118)	2020/09/28	76	30 - 140	61	30 - 140	76	%		
6967990	C13-2'344'5-PentaCB-(123)	2020/09/28	75	30 - 140	68	30 - 140	74	%		
6967990	C13-2-MonoCB-(1)	2020/09/28	45	15 - 140	38	15 - 140	43	%		
6967990	C13-33'44'55'-HexaCB-(169)	2020/09/28	61	30 - 140	53	30 - 140	65	%		
6967990	C13-33'44'5-PentaCB-(126)	2020/09/28	61	30 - 140	52	30 - 140	69	%		
6967990	C13-33'44'-TetraCB-(77)	2020/09/28	63	30 - 140	52	30 - 140	73	%		
6967990	C13-344'5-TetraCB-(81)	2020/09/28	66	30 - 140	53	30 - 140	72	%		
6967990	C13-344'-TriCB-(37)	2020/09/28	63	30 - 140	48	30 - 140	64	%		
6967990	C13-44'-DiCB-(15)	2020/09/28	65	30 - 140	53	30 - 140	67	%		
6967990	C13-4-MonoCB-(3)	2020/09/28	52	15 - 140	44	15 - 140	52	%		
6967990	C13-DecaCB-(209)	2020/09/28	95	30 - 140	94	30 - 140	93	%		
6967990	C13-HexaCB-(156)+(157)	2020/09/28	69	30 - 140	61	30 - 140	69	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	C13-2,44'-TriCB-(28)	2020/10/15	95	40 - 125	99	40 - 125	85	%		
6982339	C13-22'33'44'55'6-NonaCB-(206)	2020/10/15	118	30 - 140	97	30 - 140	90	%		
6982339	C13-22'33'44'5-HeptaCB-(170)	2020/10/15	159 (4)	30 - 140	122	30 - 140	113	%		
6982339	C13-22'33'455'66'-NonaCB-(208)	2020/10/15	128	30 - 140	107	30 - 140	97	%		
6982339	C13-22'33'55'66'-OctaCB-(202)	2020/10/15	174 (4)	30 - 140	126	30 - 140	109	%		
6982339	C13-22'33'55'6-HeptaCB-(178)	2020/10/15	92	40 - 125	93	40 - 125	87	%		
6982339	C13-22'344'55'-HeptaCB-(180)	2020/10/15	165 (4)	30 - 140	124	30 - 140	114	%		
6982339	C13-22'34'566'-HeptaCB-(188)	2020/10/15	87	30 - 140	90	30 - 140	81	%		
6982339	C13-22'44'66'-HexaCB-(155)	2020/10/15	95	30 - 140	96	30 - 140	82	%		
6982339	C13-22'466'-PentaCB-(104)	2020/10/15	80	30 - 140	82	30 - 140	80	%		
6982339	C13-22'66'-TetraCB-(54)	2020/10/15	80	30 - 140	81	30 - 140	73	%		
6982339	C13-22'6-TriCB-(19)	2020/10/15	83	30 - 140	86	30 - 140	82	%		
6982339	C13-22'-DiCB-(4)	2020/10/15	78	30 - 140	75	30 - 140	72	%		
6982339	C13-233'44'55'6-OctaCB-(205)	2020/10/15	97	30 - 140	101	30 - 140	95	%		
6982339	C13-233'44'55'-HeptaCB-(189)	2020/10/15	123	30 - 140	120	30 - 140	99	%		
6982339	C13-233'44'-PentaCB-(105)	2020/10/15	91	30 - 140	104	30 - 140	87	%		
6982339	C13-233'55'-PentaCB-(111)	2020/10/15	87	40 - 125	92	40 - 125	86	%		
6982339	C13-23'44'55'-HexaCB-(167)	2020/10/15	91	30 - 140	102	30 - 140	85	%		
6982339	C13-2344'5-PentaCB-(114)	2020/10/15	86	30 - 140	102	30 - 140	83	%		
6982339	C13-23'44'5-PentaCB-(118)	2020/10/15	94	30 - 140	102	30 - 140	86	%		
6982339	C13-2'344'5-PentaCB-(123)	2020/10/15	90	30 - 140	104	30 - 140	86	%		
6982339	C13-2-MonoCB-(1)	2020/10/15	73	15 - 140	75	15 - 140	60	%		
6982339	C13-33'44'55'-HexaCB-(169)	2020/10/15	73	30 - 140	91	30 - 140	79	%		
6982339	C13-33'44'5-PentaCB-(126)	2020/10/15	87	30 - 140	105	30 - 140	88	%		
6982339	C13-33'44'-TetraCB-(77)	2020/10/15	101	30 - 140	109	30 - 140	90	%		
6982339	C13-344'5-TetraCB-(81)	2020/10/15	101	30 - 140	112	30 - 140	94	%		
6982339	C13-344'-TriCB-(37)	2020/10/15	97	30 - 140	106	30 - 140	88	%		
6982339	C13-44'-DiCB-(15)	2020/10/15	89	30 - 140	98	30 - 140	91	%		
6982339	C13-4-MonoCB-(3)	2020/10/15	77	15 - 140	79	15 - 140	67	%		
6982339	C13-DecaCB-(209)	2020/10/15	122	30 - 140	95	30 - 140	84	%		
6982339	C13-HexaCB-(156)+(157)	2020/10/15	85	30 - 140	96	30 - 140	82	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	C13-2,44'-TriCB-(28)	2020/10/18	85	40 - 125	107	40 - 125	77	%		
7006939	C13-22'33'44'55'6-NonaCB-(206)	2020/10/18	74	30 - 140	69	30 - 140	63	%		
7006939	C13-22'33'44'5-HeptaCB-(170)	2020/10/18	104	30 - 140	99	30 - 140	83	%		
7006939	C13-22'33'455'66'-NonaCB-(208)	2020/10/18	86	30 - 140	82	30 - 140	73	%		
7006939	C13-22'33'55'66'-OctaCB-(202)	2020/10/18	101	30 - 140	89	30 - 140	81	%		
7006939	C13-22'33'55'6-HeptaCB-(178)	2020/10/18	69	40 - 125	86	40 - 125	76	%		
7006939	C13-22'344'55'-HeptaCB-(180)	2020/10/18	107	30 - 140	101	30 - 140	88	%		
7006939	C13-22'34'566'-HeptaCB-(188)	2020/10/18	69	30 - 140	68	30 - 140	63	%		
7006939	C13-22'44'66'-HexaCB-(155)	2020/10/18	72	30 - 140	69	30 - 140	65	%		
7006939	C13-22'466'-PentaCB-(104)	2020/10/18	57	30 - 140	60	30 - 140	49	%		
7006939	C13-22'66'-TetraCB-(54)	2020/10/18	53	30 - 140	54	30 - 140	48	%		
7006939	C13-22'6-TriCB-(19)	2020/10/18	44	30 - 140	46	30 - 140	44	%		
7006939	C13-22'-DiCB-(4)	2020/10/18	36	30 - 140	36	30 - 140	35	%		
7006939	C13-233'44'55'6-OctaCB-(205)	2020/10/18	90	30 - 140	86	30 - 140	60	%		
7006939	C13-233'44'55'-HeptaCB-(189)	2020/10/18	113	30 - 140	106	30 - 140	95	%		
7006939	C13-233'44'-PentaCB-(105)	2020/10/18	96	30 - 140	96	30 - 140	69	%		
7006939	C13-233'55'-PentaCB-(111)	2020/10/18	72	40 - 125	86	40 - 125	70	%		
7006939	C13-23'44'55'-HexaCB-(167)	2020/10/18	100	30 - 140	97	30 - 140	72	%		
7006939	C13-2344'5-PentaCB-(114)	2020/10/18	96	30 - 140	93	30 - 140	69	%		
7006939	C13-23'44'5-PentaCB-(118)	2020/10/18	99	30 - 140	98	30 - 140	70	%		
7006939	C13-2'344'5-PentaCB-(123)	2020/10/18	97	30 - 140	97	30 - 140	72	%		
7006939	C13-2-MonoCB-(1)	2020/10/18	42	15 - 140	40	15 - 140	35	%		
7006939	C13-33'44'55'-HexaCB-(169)	2020/10/18	83	30 - 140	88	30 - 140	64	%		
7006939	C13-33'44'5-PentaCB-(126)	2020/10/18	99	30 - 140	100	30 - 140	73	%		
7006939	C13-33'44'-TetraCB-(77)	2020/10/18	102	30 - 140	98	30 - 140	73	%		
7006939	C13-344'5-TetraCB-(81)	2020/10/18	98	30 - 140	101	30 - 140	73	%		
7006939	C13-344'-TriCB-(37)	2020/10/18	94	30 - 140	99	30 - 140	69	%		
7006939	C13-44'-DiCB-(15)	2020/10/18	69	30 - 140	67	30 - 140	56	%		
7006939	C13-4-MonoCB-(3)	2020/10/18	47	15 - 140	46	15 - 140	39	%		
7006939	C13-DecaCB-(209)	2020/10/18	67	30 - 140	68	30 - 140	65	%		
7006939	C13-HexaCB-(156)+(157)	2020/10/18	90	30 - 140	90	30 - 140	71	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	C13-2,44'-TriCB-(28)	2020/11/18	104	40 - 125	103	40 - 125	85	%		
7055807	C13-22'33'44'55'6-NonaCB-(206)	2020/11/18	84	30 - 140	79	30 - 140	84	%		
7055807	C13-22'33'44'5-HeptaCB-(170)	2020/11/18	89	30 - 140	80	30 - 140	79	%		
7055807	C13-22'33'455'66'-NonaCB-(208)	2020/11/18	86	30 - 140	81	30 - 140	88	%		
7055807	C13-22'33'55'66'-OctaCB-(202)	2020/11/18	85	30 - 140	74	30 - 140	83	%		
7055807	C13-22'33'55'6-HeptaCB-(178)	2020/11/18	85	40 - 125	85	40 - 125	86	%		
7055807	C13-22'344'55'-HeptaCB-(180)	2020/11/18	92	30 - 140	80	30 - 140	84	%		
7055807	C13-22'34'566'-HeptaCB-(188)	2020/11/18	85	30 - 140	76	30 - 140	79	%		
7055807	C13-22'44'66'-HexaCB-(155)	2020/11/18	97	30 - 140	83	30 - 140	81	%		
7055807	C13-22'466'-PentaCB-(104)	2020/11/18	65	30 - 140	58	30 - 140	67	%		
7055807	C13-22'66'-TetraCB-(54)	2020/11/18	66	30 - 140	62	30 - 140	57	%		
7055807	C13-22'6-TriCB-(19)	2020/11/18	58	30 - 140	58	30 - 140	63	%		
7055807	C13-22'-DiCB-(4)	2020/11/18	45	30 - 140	44	30 - 140	55	%		
7055807	C13-233'44'55'6-OctaCB-(205)	2020/11/18	91	30 - 140	86	30 - 140	82	%		
7055807	C13-233'44'55'-HeptaCB-(189)	2020/11/18	109	30 - 140	101	30 - 140	74	%		
7055807	C13-233'44'-PentaCB-(105)	2020/11/18	78	30 - 140	83	30 - 140	73	%		
7055807	C13-233'55'-PentaCB-(111)	2020/11/18	85	40 - 125	91	40 - 125	89	%		
7055807	C13-23'44'55'-HexaCB-(167)	2020/11/18	98	30 - 140	98	30 - 140	82	%		
7055807	C13-2344'5-PentaCB-(114)	2020/11/18	79	30 - 140	83	30 - 140	74	%		
7055807	C13-23'44'5-PentaCB-(118)	2020/11/18	81	30 - 140	85	30 - 140	80	%		
7055807	C13-2'344'5-PentaCB-(123)	2020/11/18	79	30 - 140	84	30 - 140	75	%		
7055807	C13-2-MonoCB-(1)	2020/11/18	43	15 - 140	44	15 - 140	60	%		
7055807	C13-33'44'55'-HexaCB-(169)	2020/11/18	83	30 - 140	88	30 - 140	68	%		
7055807	C13-33'44'5-PentaCB-(126)	2020/11/18	73	30 - 140	81	30 - 140	67	%		
7055807	C13-33'44'-TetraCB-(77)	2020/11/18	99	30 - 140	112	30 - 140	72	%		
7055807	C13-344'5-TetraCB-(81)	2020/11/18	100	30 - 140	115	30 - 140	75	%		
7055807	C13-344'-TriCB-(37)	2020/11/18	93	30 - 140	93	30 - 140	76	%		
7055807	C13-44'-DiCB-(15)	2020/11/18	70	30 - 140	72	30 - 140	69	%		
7055807	C13-4-MonoCB-(3)	2020/11/18	52	15 - 140	53	15 - 140	62	%		
7055807	C13-DecaCB-(209)	2020/11/18	84	30 - 140	78	30 - 140	83	%		
7055807	C13-HexaCB-(156)+(157)	2020/11/18	94	30 - 140	97	30 - 140	73	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	C13-2,44'-TriCB-(28)	2020/12/10	88	40 - 125	95	40 - 125	92	%		
7099793	C13-22'33'44'55'6-NonaCB-(206)	2020/12/10	89	30 - 140	69	30 - 140	77	%		
7099793	C13-22'33'44'5-HeptaCB-(170)	2020/12/10	175 (7)	30 - 140	84	30 - 140	90	%		
7099793	C13-22'33'455'66'-NonaCB-(208)	2020/12/10	99	30 - 140	77	30 - 140	81	%		
7099793	C13-22'33'55'66'-OctaCB-(202)	2020/12/10	175 (7)	30 - 140	76	30 - 140	76	%		
7099793	C13-22'33'55'6-HeptaCB-(178)	2020/12/10	67	40 - 125	74	40 - 125	70	%		
7099793	C13-22'344'55'-HeptaCB-(180)	2020/12/10	198 (7)	30 - 140	86	30 - 140	89	%		
7099793	C13-22'34'566'-HeptaCB-(188)	2020/12/10	72	30 - 140	69	30 - 140	72	%		
7099793	C13-22'44'66'-HexaCB-(155)	2020/12/10	75	30 - 140	69	30 - 140	72	%		
7099793	C13-22'466'-PentaCB-(104)	2020/12/10	80	30 - 140	72	30 - 140	75	%		
7099793	C13-22'66'-TetraCB-(54)	2020/12/10	73	30 - 140	67	30 - 140	72	%		
7099793	C13-22'6-TriCB-(19)	2020/12/10	64	30 - 140	55	30 - 140	60	%		
7099793	C13-22'-DiCB-(4)	2020/12/10	61	30 - 140	48	30 - 140	56	%		
7099793	C13-233'44'55'6-OctaCB-(205)	2020/12/10	86	30 - 140	85	30 - 140	88	%		
7099793	C13-233'44'55'-HeptaCB-(189)	2020/12/10	132	30 - 140	95	30 - 140	107	%		
7099793	C13-233'44'-PentaCB-(105)	2020/12/10	102	30 - 140	90	30 - 140	113	%		
7099793	C13-233'55'-PentaCB-(111)	2020/12/10	76	40 - 125	82	40 - 125	80	%		
7099793	C13-23'44'55'-HexaCB-(167)	2020/12/10	97	30 - 140	93	30 - 140	106	%		
7099793	C13-2344'5-PentaCB-(114)	2020/12/10	104	30 - 140	94	30 - 140	113	%		
7099793	C13-23'44'5-PentaCB-(118)	2020/12/10	109	30 - 140	95	30 - 140	113	%		
7099793	C13-2'344'5-PentaCB-(123)	2020/12/10	105	30 - 140	94	30 - 140	112	%		
7099793	C13-2-MonoCB-(1)	2020/12/10	73	15 - 140	56	15 - 140	70	%		
7099793	C13-33'44'55'-HexaCB-(169)	2020/12/10	52	30 - 140	70	30 - 140	33	%		
7099793	C13-33'44'5-PentaCB-(126)	2020/12/10	99	30 - 140	90	30 - 140	78	%		
7099793	C13-33'44'-TetraCB-(77)	2020/12/10	95	30 - 140	84	30 - 140	91	%		
7099793	C13-344'5-TetraCB-(81)	2020/12/10	96	30 - 140	86	30 - 140	103	%		
7099793	C13-344'-TriCB-(37)	2020/12/10	94	30 - 140	85	30 - 140	98	%		
7099793	C13-44'-DiCB-(15)	2020/12/10	84	30 - 140	69	30 - 140	82	%		
7099793	C13-4-MonoCB-(3)	2020/12/10	76	15 - 140	59	15 - 140	69	%		
7099793	C13-DecaCB-(209)	2020/12/10	85	30 - 140	64	30 - 140	67	%		
7099793	C13-HexaCB-(156)+(157)	2020/12/10	94	30 - 140	91	30 - 140	107	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	C13-2,44'-TriCB-(28)	2021/02/01	61	40 - 125	71	40 - 125	63	%		
7147727	C13-22'33'44'55'6-NonaCB-(206)	2021/02/01	110	30 - 140	119	30 - 140	96	%		
7147727	C13-22'33'44'5-HeptaCB-(170)	2021/02/01	106	30 - 140	116	30 - 140	98	%		
7147727	C13-22'33'455'66'-NonaCB-(208)	2021/02/01	117	30 - 140	123	30 - 140	102	%		
7147727	C13-22'33'55'66'-OctaCB-(202)	2021/02/01	131	30 - 140	135	30 - 140	114	%		
7147727	C13-22'33'55'6-HeptaCB-(178)	2021/02/01	107	40 - 125	128 (1)	40 - 125	107	%		
7147727	C13-22'344'55'-HeptaCB-(180)	2021/02/01	110	30 - 140	114	30 - 140	96	%		
7147727	C13-22'34'566'-HeptaCB-(188)	2021/02/01	105	30 - 140	113	30 - 140	95	%		
7147727	C13-22'44'66'-HexaCB-(155)	2021/02/01	98	30 - 140	111	30 - 140	89	%		
7147727	C13-22'466'-PentaCB-(104)	2021/02/01	97	30 - 140	111	30 - 140	94	%		
7147727	C13-22'66'-TetraCB-(54)	2021/02/01	94	30 - 140	104	30 - 140	86	%		
7147727	C13-22'6-TriCB-(19)	2021/02/01	85	30 - 140	95	30 - 140	83	%		
7147727	C13-22'-DiCB-(4)	2021/02/01	82	30 - 140	104	30 - 140	84	%		
7147727	C13-233'44'55'6-OctaCB-(205)	2021/02/01	92	30 - 140	98	30 - 140	82	%		
7147727	C13-233'44'55'-HeptaCB-(189)	2021/02/01	80	30 - 140	89	30 - 140	74	%		
7147727	C13-233'44'-PentaCB-(105)	2021/02/01	73	30 - 140	81	30 - 140	65	%		
7147727	C13-233'55'-PentaCB-(111)	2021/02/01	80	40 - 125	98	40 - 125	84	%		
7147727	C13-23'44'55'-HexaCB-(167)	2021/02/01	72	30 - 140	79	30 - 140	65	%		
7147727	C13-2344'5-PentaCB-(114)	2021/02/01	72	30 - 140	80	30 - 140	64	%		
7147727	C13-23'44'5-PentaCB-(118)	2021/02/01	72	30 - 140	82	30 - 140	66	%		
7147727	C13-2'344'5-PentaCB-(123)	2021/02/01	74	30 - 140	81	30 - 140	67	%		
7147727	C13-2-MonoCB-(1)	2021/02/01	51	15 - 140	68	15 - 140	54	%		
7147727	C13-33'44'55'-HexaCB-(169)	2021/02/01	48	30 - 140	57	30 - 140	51	%		
7147727	C13-33'44'5-PentaCB-(126)	2021/02/01	68	30 - 140	76	30 - 140	61	%		
7147727	C13-33'44'-TetraCB-(77)	2021/02/01	64	30 - 140	72	30 - 140	56	%		
7147727	C13-344'5-TetraCB-(81)	2021/02/01	66	30 - 140	70	30 - 140	57	%		
7147727	C13-344'-TriCB-(37)	2021/02/01	65	30 - 140	68	30 - 140	59	%		
7147727	C13-44'-DiCB-(15)	2021/02/01	72	30 - 140	81	30 - 140	68	%		
7147727	C13-4-MonoCB-(3)	2021/02/01	52	15 - 140	63	15 - 140	51	%		
7147727	C13-DecaCB-(209)	2021/02/01	125	30 - 140	139	30 - 140	115	%		
7147727	C13-HexaCB-(156)+(157)	2021/02/01	68	30 - 140	76	30 - 140	63	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	C13-2,44'-TriCB-(28)	2021/02/03	64	40 - 125	69	40 - 125	71	%		
7162464	C13-22'33'44'55'6-NonaCB-(206)	2021/02/03	93	30 - 140	105	30 - 140	101	%		
7162464	C13-22'33'44'5-HeptaCB-(170)	2021/02/03	89	30 - 140	99	30 - 140	93	%		
7162464	C13-22'33'455'66'-NonaCB-(208)	2021/02/03	96	30 - 140	108	30 - 140	97	%		
7162464	C13-22'33'55'66'-OctaCB-(202)	2021/02/03	104	30 - 140	109	30 - 140	106	%		
7162464	C13-22'33'55'6-HeptaCB-(178)	2021/02/03	94	40 - 125	113	40 - 125	116	%		
7162464	C13-22'344'55'-HeptaCB-(180)	2021/02/03	90	30 - 140	95	30 - 140	91	%		
7162464	C13-22'34'566'-HeptaCB-(188)	2021/02/03	91	30 - 140	100	30 - 140	92	%		
7162464	C13-22'44'66'-HexaCB-(155)	2021/02/03	87	30 - 140	95	30 - 140	90	%		
7162464	C13-22'466'-PentaCB-(104)	2021/02/03	91	30 - 140	97	30 - 140	88	%		
7162464	C13-22'66'-TetraCB-(54)	2021/02/03	87	30 - 140	92	30 - 140	86	%		
7162464	C13-22'6-TriCB-(19)	2021/02/03	84	30 - 140	86	30 - 140	84	%		
7162464	C13-22'-DiCB-(4)	2021/02/03	85	30 - 140	94	30 - 140	90	%		
7162464	C13-233'44'55'6-OctaCB-(205)	2021/02/03	79	30 - 140	85	30 - 140	80	%		
7162464	C13-233'44'55'-HeptaCB-(189)	2021/02/03	70	30 - 140	75	30 - 140	72	%		
7162464	C13-233'44'-PentaCB-(105)	2021/02/03	64	30 - 140	69	30 - 140	64	%		
7162464	C13-233'55'-PentaCB-(111)	2021/02/03	80	40 - 125	85	40 - 125	90	%		
7162464	C13-23'44'55'-HexaCB-(167)	2021/02/03	63	30 - 140	70	30 - 140	64	%		
7162464	C13-2344'5-PentaCB-(114)	2021/02/03	67	30 - 140	70	30 - 140	67	%		
7162464	C13-23'44'5-PentaCB-(118)	2021/02/03	67	30 - 140	72	30 - 140	67	%		
7162464	C13-2'344'5-PentaCB-(123)	2021/02/03	67	30 - 140	72	30 - 140	66	%		
7162464	C13-2-MonoCB-(1)	2021/02/03	58	15 - 140	60	15 - 140	61	%		
7162464	C13-33'44'55'-HexaCB-(169)	2021/02/03	57	30 - 140	67	30 - 140	58	%		
7162464	C13-33'44'5-PentaCB-(126)	2021/02/03	60	30 - 140	68	30 - 140	60	%		
7162464	C13-33'44'-TetraCB-(77)	2021/02/03	60	30 - 140	67	30 - 140	63	%		
7162464	C13-344'5-TetraCB-(81)	2021/02/03	61	30 - 140	68	30 - 140	60	%		
7162464	C13-344'-TriCB-(37)	2021/02/03	59	30 - 140	67	30 - 140	62	%		
7162464	C13-44'-DiCB-(15)	2021/02/03	71	30 - 140	77	30 - 140	72	%		
7162464	C13-4-MonoCB-(3)	2021/02/03	59	15 - 140	59	15 - 140	61	%		
7162464	C13-DecaCB-(209)	2021/02/03	113	30 - 140	124	30 - 140	113	%		
7162464	C13-HexaCB-(156)+(157)	2021/02/03	63	30 - 140	70	30 - 140	63	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	C13-2,44'-TriCB-(28)	2021/02/09	66	40 - 125	68	40 - 125	63	%		
7173905	C13-22'33'44'55'6-NonaCB-(206)	2021/02/09	108	30 - 140	81	30 - 140	81	%		
7173905	C13-22'33'44'5-HeptaCB-(170)	2021/02/09	118	30 - 140	88	30 - 140	93	%		
7173905	C13-22'33'455'66'-NonaCB-(208)	2021/02/09	106	30 - 140	86	30 - 140	90	%		
7173905	C13-22'33'55'66'-OctaCB-(202)	2021/02/09	133	30 - 140	91	30 - 140	100	%		
7173905	C13-22'33'55'6-HeptaCB-(178)	2021/02/09	87	40 - 125	77	40 - 125	67	%		
7173905	C13-22'344'55'-HeptaCB-(180)	2021/02/09	123	30 - 140	87	30 - 140	94	%		
7173905	C13-22'34'566'-HeptaCB-(188)	2021/02/09	76	30 - 140	78	30 - 140	79	%		
7173905	C13-22'44'66'-HexaCB-(155)	2021/02/09	81	30 - 140	78	30 - 140	83	%		
7173905	C13-22'466'-PentaCB-(104)	2021/02/09	75	30 - 140	81	30 - 140	87	%		
7173905	C13-22'66'-TetraCB-(54)	2021/02/09	77	30 - 140	76	30 - 140	77	%		
7173905	C13-22'6-TriCB-(19)	2021/02/09	79	30 - 140	65	30 - 140	67	%		
7173905	C13-22'-DiCB-(4)	2021/02/09	72	30 - 140	61	30 - 140	61	%		
7173905	C13-233'44'55'6-OctaCB-(205)	2021/02/09	84	30 - 140	81	30 - 140	84	%		
7173905	C13-233'44'55'-HeptaCB-(189)	2021/02/09	81	30 - 140	84	30 - 140	86	%		
7173905	C13-233'44'-PentaCB-(105)	2021/02/09	62	30 - 140	71	30 - 140	71	%		
7173905	C13-233'55'-PentaCB-(111)	2021/02/09	84	40 - 125	74	40 - 125	64	%		
7173905	C13-23'44'55'-HexaCB-(167)	2021/02/09	60	30 - 140	71	30 - 140	71	%		
7173905	C13-2344'5-PentaCB-(114)	2021/02/09	62	30 - 140	71	30 - 140	71	%		
7173905	C13-23'44'5-PentaCB-(118)	2021/02/09	62	30 - 140	72	30 - 140	72	%		
7173905	C13-2'344'5-PentaCB-(123)	2021/02/09	61	30 - 140	72	30 - 140	72	%		
7173905	C13-2-MonoCB-(1)	2021/02/09	56	15 - 140	44	15 - 140	48	%		
7173905	C13-33'44'55'-HexaCB-(169)	2021/02/09	52	30 - 140	60	30 - 140	59	%		
7173905	C13-33'44'5-PentaCB-(126)	2021/02/09	56	30 - 140	64	30 - 140	65	%		
7173905	C13-33'44'-TetraCB-(77)	2021/02/09	60	30 - 140	66	30 - 140	65	%		
7173905	C13-344'5-TetraCB-(81)	2021/02/09	60	30 - 140	68	30 - 140	64	%		
7173905	C13-344'-TriCB-(37)	2021/02/09	57	30 - 140	68	30 - 140	66	%		
7173905	C13-44'-DiCB-(15)	2021/02/09	67	30 - 140	70	30 - 140	67	%		
7173905	C13-4-MonoCB-(3)	2021/02/09	58	15 - 140	49	15 - 140	50	%		
7173905	C13-DecaCB-(209)	2021/02/09	125	30 - 140	84	30 - 140	81	%		
7173905	C13-HexaCB-(156)+(157)	2021/02/09	62	30 - 140	72	30 - 140	72	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	C13-2,44'-TriCB-(28)	2021/02/18	84	40 - 125	78	40 - 125	79	%		
7185195	C13-22'33'44'55'6-NonaCB-(206)	2021/02/18	78	30 - 140	64	30 - 140	73	%		
7185195	C13-22'33'44'5-HeptaCB-(170)	2021/02/18	97	30 - 140	77	30 - 140	89	%		
7185195	C13-22'33'455'66'-NonaCB-(208)	2021/02/18	87	30 - 140	68	30 - 140	78	%		
7185195	C13-22'33'55'66'-OctaCB-(202)	2021/02/18	94	30 - 140	75	30 - 140	82	%		
7185195	C13-22'33'55'6-HeptaCB-(178)	2021/02/18	85	40 - 125	82	40 - 125	81	%		
7185195	C13-22'344'55'-HeptaCB-(180)	2021/02/18	98	30 - 140	78	30 - 140	92	%		
7185195	C13-22'34'566'-HeptaCB-(188)	2021/02/18	79	30 - 140	64	30 - 140	69	%		
7185195	C13-22'44'66'-HexaCB-(155)	2021/02/18	78	30 - 140	64	30 - 140	70	%		
7185195	C13-22'466'-PentaCB-(104)	2021/02/18	76	30 - 140	61	30 - 140	67	%		
7185195	C13-22'66'-TetraCB-(54)	2021/02/18	70	30 - 140	56	30 - 140	64	%		
7185195	C13-22'6-TriCB-(19)	2021/02/18	65	30 - 140	54	30 - 140	59	%		
7185195	C13-22'-DiCB-(4)	2021/02/18	61	30 - 140	50	30 - 140	60	%		
7185195	C13-233'44'55'6-OctaCB-(205)	2021/02/18	86	30 - 140	68	30 - 140	78	%		
7185195	C13-233'44'55'-HeptaCB-(189)	2021/02/18	96	30 - 140	75	30 - 140	86	%		
7185195	C13-233'44'-PentaCB-(105)	2021/02/18	84	30 - 140	65	30 - 140	72	%		
7185195	C13-233'55'-PentaCB-(111)	2021/02/18	86	40 - 125	81	40 - 125	79	%		
7185195	C13-23'44'55'-HexaCB-(167)	2021/02/18	81	30 - 140	65	30 - 140	74	%		
7185195	C13-2344'5-PentaCB-(114)	2021/02/18	82	30 - 140	62	30 - 140	72	%		
7185195	C13-23'44'5-PentaCB-(118)	2021/02/18	84	30 - 140	66	30 - 140	73	%		
7185195	C13-2'344'5-PentaCB-(123)	2021/02/18	83	30 - 140	63	30 - 140	74	%		
7185195	C13-2-MonoCB-(1)	2021/02/18	61	15 - 140	51	15 - 140	62	%		
7185195	C13-33'44'55'-HexaCB-(169)	2021/02/18	59	30 - 140	51	30 - 140	66	%		
7185195	C13-33'44'5-PentaCB-(126)	2021/02/18	79	30 - 140	61	30 - 140	71	%		
7185195	C13-33'44'-TetraCB-(77)	2021/02/18	82	30 - 140	60	30 - 140	72	%		
7185195	C13-344'5-TetraCB-(81)	2021/02/18	81	30 - 140	59	30 - 140	75	%		
7185195	C13-344'-TriCB-(37)	2021/02/18	79	30 - 140	61	30 - 140	71	%		
7185195	C13-44'-DiCB-(15)	2021/02/18	69	30 - 140	58	30 - 140	64	%		
7185195	C13-4-MonoCB-(3)	2021/02/18	62	15 - 140	49	15 - 140	59	%		
7185195	C13-DecaCB-(209)	2021/02/18	79	30 - 140	64	30 - 140	72	%		
7185195	C13-HexaCB-(156)+(157)	2021/02/18	79	30 - 140	61	30 - 140	72	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	2,3-DiCB-(5)	2020/09/28					<0.0016	ng/g	NC	30
6967990	2,3'-DiCB-(6)	2020/09/28					<0.0015	ng/g	NC	30
6967990	2,4-DiCB-(7)	2020/09/28					<0.0015	ng/g	NC	30
6967990	2,4'-DiCB-(8)	2020/09/28					<0.0015	ng/g	NC	30
6967990	2,5-DiCB-(9)	2020/09/28					<0.0014	ng/g	NC	30
6967990	2,6-DiCB-(10)	2020/09/28					<0.0019	ng/g	NC	30
6967990	22'33'44'55'6-NonaCB-(206)	2020/09/28	100	50 - 150	98	50 - 150	<0.0083	ng/g	NC	30
6967990	22'33'44'55'-OctaCB-(194)	2020/09/28					0.0192, RDL=0.010	ng/g	NC	30
6967990	22'33'44'566'-NonaCB-(207)	2020/09/28					<0.0069	ng/g	NC	30
6967990	22'33'44'56-OctaCB-(195)	2020/09/28					<0.0072	ng/g	NC	30
6967990	22'33'44'56'-OctaCB-(196)	2020/09/28					<0.014 (3)	ng/g	NC	30
6967990	22'33'44'5-HeptaCB-(170)	2020/09/28	103	50 - 150	121	50 - 150	0.0421, RDL=0.010	ng/g	17	30
6967990	22'33'44'66'OctaCB-(197)	2020/09/28					<0.0080	ng/g	NC	30
6967990	22'33'455'66'-NonaCB-(208)	2020/09/28	108	50 - 150	88	50 - 150	<0.0086	ng/g	NC	30
6967990	22'33'455'-HeptaCB-(172)	2020/09/28					0.0097, RDL=0.010	ng/g	NC	30
6967990	22'33'4566'-OctaCB-(200)	2020/09/28					<0.0057	ng/g	NC	30
6967990	22'33'45'66'-OctaCB-(201)	2020/09/28					<0.0072	ng/g	NC	30
6967990	22'33'456'-HeptaCB-(174)	2020/09/28					0.0273, RDL=0.010	ng/g	NC	30
6967990	22'33'45'6-HeptaCB-(175)	2020/09/28					<0.0023	ng/g	NC	30
6967990	22'33'45'6'-HeptaCB-(177)	2020/09/28					0.0390, RDL=0.010	ng/g	NC	30
6967990	22'33'45'-HexaCB-(130)	2020/09/28					<0.015 (2)	ng/g	NC	30
6967990	22'33'466'-HeptaCB-(176)	2020/09/28					<0.0045 (2)	ng/g	NC	30
6967990	22'33'46-HexaCB-(131)	2020/09/28					<0.0052	ng/g	NC	30
6967990	22'33'46'-HexaCB-(132)	2020/09/28					0.0331, RDL=0.010	ng/g	9.0	30
6967990	22'33'4-PentaCB-(82)	2020/09/28					<0.0065	ng/g	NC	30
6967990	22'33'55'66'-OctaCB-(202)	2020/09/28	108	50 - 150	107	50 - 150	0.0125, RDL=0.010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	22'33'55'6-HeptaCB-(178)	2020/09/28					0.0201, RDL=0.010	ng/g	NC	30
6967990	22'33'55'-HexaCB-(133)	2020/09/28					0.0063, RDL=0.010	ng/g	NC	30
6967990	22'33'566'-HeptaCB-(179)	2020/09/28					0.0177, RDL=0.010	ng/g	NC	30
6967990	22'33'66'-HexaCB-(136)	2020/09/28					0.0076, RDL=0.010	ng/g	NC	30
6967990	22'33'6-PentaCB-(84)	2020/09/28					0.0135, RDL=0.010	ng/g	13	30
6967990	22'344'55'6-OctaCB-(203)	2020/09/28					0.0152, RDL=0.010	ng/g	NC	30
6967990	22'344'566'-OctaCB-(204)	2020/09/28					<0.0072	ng/g	NC	30
6967990	22'344'56-HeptaCB-(181)	2020/09/28					<0.0041	ng/g	NC	30
6967990	22'344'56'-HeptaCB-(182)	2020/09/28			87	50 - 150	<0.0020	ng/g	NC	30
6967990	22'344'5'6-HeptaCB-(183)	2020/09/28					0.0332, RDL=0.010	ng/g	NC	30
6967990	22'344'5-HexaCB-(137)	2020/09/28					0.0096, RDL=0.010	ng/g	14	30
6967990	22'344'66'-HeptaCB-(184)	2020/09/28					<0.0013	ng/g	NC	30
6967990	22'3455'6-HeptaCB-(185)	2020/09/28					<0.0037	ng/g	NC	30
6967990	22'34'55'6-HeptaCB-(187)	2020/09/28			206 (1)	50 - 150	0.121, RDL=0.010	ng/g	4.7	30
6967990	22'3455'-HexaCB-(141)	2020/09/28					<0.017 (2)	ng/g	6.3	30
6967990	22'34'55'-HexaCB-(146)	2020/09/28					0.0610, RDL=0.010	ng/g	6.8	30
6967990	22'34566'-HeptaCB-(186)	2020/09/28					<0.0016	ng/g	NC	30
6967990	22'34'566'-HeptaCB-(188)	2020/09/28	107	50 - 150	94	50 - 150	<0.0020	ng/g	NC	30
6967990	22'3456-HexaCB-(142)	2020/09/28					<0.0049	ng/g	NC	30
6967990	22'345'6-HexaCB-(144)	2020/09/28					<0.011	ng/g	NC	30
6967990	22'34'56'-HexaCB-(148)	2020/09/28					<0.0085	ng/g	NC	30
6967990	22'3466'-HexaCB-(145)	2020/09/28					<0.0066	ng/g	NC	30
6967990	22'34'66'-HexaCB-(150)	2020/09/28					<0.0063	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	22'346'-PentaCB-(89)	2020/09/28					<0.0064	ng/g	NC	30
6967990	22'34'-TetraCB-(42)	2020/09/28					0.0063, RDL=0.010	ng/g	NC	30
6967990	22'355'-PentaCB-(92)	2020/09/28					0.0317, RDL=0.010	ng/g	6.7	30
6967990	22'3566'-HexaCB-(152)	2020/09/28					<0.0059	ng/g	NC	30
6967990	22'356'-PentaCB-(94)	2020/09/28					<0.0061	ng/g	NC	30
6967990	22'35'6-PentaCB-(95)	2020/09/28					0.0541, RDL=0.010	ng/g	4.3	30
6967990	22'35-TetraCB-(43)	2020/09/28					<0.0035	ng/g	NC	30
6967990	22'366'-PentaCB-(96)	2020/09/28					<0.0018	ng/g	NC	30
6967990	22'36'-TetraCB-(46)	2020/09/28					<0.0029	ng/g	NC	30
6967990	22'3-TriCB-(16)	2020/09/28					<0.0037	ng/g	NC	30
6967990	22'44'56'-HexaCB-(154)	2020/09/28					<0.0078	ng/g	NC	30
6967990	22'44'66'-HexaCB-(155)	2020/09/28	108	50 - 150	90	50 - 150	<0.0068	ng/g	NC	30
6967990	22'45'6-PentaCB-(103)	2020/09/28					<0.0052	ng/g	NC	30
6967990	22'45-TetraCB-(48)	2020/09/28					<0.0026	ng/g	NC	30
6967990	22'466'-PentaCB-(104)	2020/09/28	112	50 - 150	93	50 - 150	<0.0019	ng/g	NC	30
6967990	22'4-TriCB-(17)	2020/09/28					<0.0034	ng/g	NC	30
6967990	22'55'-TetraCB-(52)	2020/09/28					0.0790, RDL=0.010	ng/g	7.5	30
6967990	22'66'-TetraCB-(54)	2020/09/28	111	50 - 150	98	50 - 150	<0.0035	ng/g	NC	30
6967990	22'6-TriCB-(19)	2020/09/28	115	50 - 150	94	50 - 150	<0.0036	ng/g	NC	30
6967990	22'-DiCB-(4)	2020/09/28	109	50 - 150	88	50 - 150	<0.0021	ng/g	NC	30
6967990	233'44'55'6-OctaCB-(205)	2020/09/28	104	50 - 150	96	50 - 150	<0.0058	ng/g	NC	30
6967990	233'44'55'-HeptaCB-(189)	2020/09/28	127	50 - 150	98	50 - 150	<0.0073	ng/g	NC	30
6967990	233'44'56-HeptaCB-(190)	2020/09/28					<0.0041	ng/g	NC	30
6967990	233'44'5'6-HeptaCB-(191)	2020/09/28					<0.0034	ng/g	NC	30
6967990	233'44'6-HexaCB-(158)	2020/09/28					0.0160, RDL=0.010	ng/g	9.3	30
6967990	233'44'-PentaCB-(105)	2020/09/28	115	50 - 150	179 (1)	50 - 150	0.0752, RDL=0.010	ng/g	12	30

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BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	233'455'6-HeptaCB-(192)	2020/09/28					<0.0036	ng/g	NC	30
6967990	233'455'-HexaCB-(159)	2020/09/28					<0.0067	ng/g	NC	30
6967990	233'4'55'-HexaCB-(162)	2020/09/28					<0.0059	ng/g	NC	30
6967990	233'456-HexaCB-(160)	2020/09/28					<0.0042	ng/g	NC	30
6967990	233'45'6-HexaCB-(161)	2020/09/28					<0.0035	ng/g	NC	30
6967990	233'4'5'6-HexaCB-(164)	2020/09/28					0.0109, RDL=0.010	ng/g	NC	30
6967990	233'45-PentaCB-(106)	2020/09/28					<0.0026	ng/g	NC	30
6967990	233'4'5-PentaCB-(107)	2020/09/28					0.0159, RDL=0.010	ng/g	0.62	30
6967990	233'4'5'-PentaCB-(122)	2020/09/28					<0.0035	ng/g	NC	30
6967990	233'4'-Tetra CB(56)	2020/09/28					0.0071, RDL=0.010	ng/g	9.4	30
6967990	233'4-TetraCB-(55)	2020/09/28					<0.0049	ng/g	NC	30
6967990	233'55'6-HexaCB-(165)	2020/09/28					<0.0039	ng/g	NC	30
6967990	233'55'-PentaCB-(111)	2020/09/28					<0.0047	ng/g	NC	30
6967990	233'56-PentaCB-(112)	2020/09/28					<0.0039	ng/g	NC	30
6967990	233'5-TetraCB-(57)	2020/09/28					<0.0049	ng/g	NC	30
6967990	233'5'-TetraCB-(58)	2020/09/28					<0.0048	ng/g	NC	30
6967990	23'44'55'-HexaCB-(167)	2020/09/28	115	50 - 150	97	50 - 150	0.0130, RDL=0.010	ng/g	11	30
6967990	2344'5-PentaCB-(114)	2020/09/28	114	50 - 150	88	50 - 150	<0.0035	ng/g	NC	30
6967990	23'44'5-PentaCB-(118)	2020/09/28	109	50 - 150	304 (1)	50 - 150	0.204, RDL=0.010	ng/g	14	30
6967990	23'44'5'-PentaCB-(123)	2020/09/28	118	50 - 150	104	50 - 150	0.0040, RDL=0.010	ng/g	NC	30
6967990	2344'-TetraCB -(60)	2020/09/28					0.0150, RDL=0.010	ng/g	29	30
6967990	23'44'-TetraCB-(66)	2020/09/28					0.0624, RDL=0.010	ng/g	9.3	30
6967990	23'455'-PentaCB-(120)	2020/09/28					<0.0054	ng/g	NC	30
6967990	23'45'6-PentaCB-(121)	2020/09/28					<0.0046	ng/g	NC	30
6967990	234'5-TetraCB-(63)	2020/09/28					<0.0046	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	23'45-TetraCB-(67)	2020/09/28					<0.0041	ng/g	NC	30
6967990	23'45'-TetraCB-(68)	2020/09/28					<0.0049	ng/g	NC	30
6967990	234'6-TetraCB-(64)	2020/09/28					0.0171, RDL=0.010	ng/g	1.0	30
6967990	234'-TriCB-(22)	2020/09/28					<0.0036	ng/g	NC	30
6967990	23'4-TriCB-(25)	2020/09/28					<0.0034	ng/g	NC	30
6967990	23'55'-TetraCB-(72)	2020/09/28					<0.0045	ng/g	NC	30
6967990	23'5'6-TetraCB-(73)	2020/09/28					<0.0018	ng/g	NC	30
6967990	235-TriCB-(23)	2020/09/28			87	50 - 150	<0.0035	ng/g	NC	30
6967990	23'5'-TriCB-(34)	2020/09/28			82	50 - 150	<0.0034	ng/g	NC	30
6967990	236-TriCB-(24)	2020/09/28					<0.0029	ng/g	NC	30
6967990	23'6-TriCB-(27)	2020/09/28					<0.0025	ng/g	NC	30
6967990	24'5-TriCB-(31)	2020/09/28					0.0218, RDL=0.010	ng/g	22	30
6967990	24'6-TriCB-(32)	2020/09/28					<0.0024	ng/g	NC	30
6967990	2-MonoCB-(1)	2020/09/28	110	50 - 150	91	50 - 150	<0.0016	ng/g	NC	30
6967990	3,3'-DiCB-(11)	2020/09/28					0.0234, RDL=0.010	ng/g	NC	30
6967990	3,5-DiCB-(14)	2020/09/28					<0.0015	ng/g	NC	30
6967990	33'44'55'-HexaCB-(169)	2020/09/28	101	50 - 150	83	50 - 150	<0.0078	ng/g	NC	30
6967990	33'44'5-PentaCB-(126)	2020/09/28	113	50 - 150	101	50 - 150	<0.0033	ng/g	NC	30
6967990	33'44'-TetraCB-(77)	2020/09/28	105	50 - 150	88	50 - 150	<0.0063	ng/g	NC	30
6967990	33'455'-PentaCB-(127)	2020/09/28					<0.0037	ng/g	NC	30
6967990	33'45-TetraCB-(78)	2020/09/28					<0.0057	ng/g	NC	30
6967990	33'45'-TetraCB(79)	2020/09/28					<0.0047	ng/g	NC	30
6967990	33'4-TriCB-(35)	2020/09/28					<0.0043	ng/g	NC	30
6967990	33'55'-TetraCB-(80)	2020/09/28					<0.0042	ng/g	NC	30
6967990	33'5-TriCB-(36)	2020/09/28					<0.0030	ng/g	NC	30
6967990	344'5-TetraCB-(81)	2020/09/28	108	50 - 150	92	50 - 150	<0.0060	ng/g	NC	30
6967990	344'-TriCB-(37)	2020/09/28	109	50 - 150	103	50 - 150	0.0101, RDL=0.010	ng/g	NC (2)	30
6967990	345-TriCB-(38)	2020/09/28					<0.0035	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	34'5-TriCB-(39)	2020/09/28					<0.0035	ng/g	NC	30
6967990	3-MonoCB-(2)	2020/09/28					<0.0015	ng/g	NC	30
6967990	4,4'-DiCB-(15)	2020/09/28	107	50 - 150	97	50 - 150	0.0043, RDL=0.010	ng/g	NC	30
6967990	4-MonoCB-(3)	2020/09/28	108	50 - 150	89	50 - 150	<0.0015	ng/g	NC	30
6967990	DecaCB-(209)	2020/09/28	116	50 - 150	102	50 - 150	<0.0093	ng/g	NC	30
6967990	DiCB-(12)+(13)	2020/09/28					<0.0017	ng/g	NC	30
6967990	HeptaCB-(171)+(173)	2020/09/28					<0.015 (2)	ng/g	NC	30
6967990	HeptaCB-(180)+(193)	2020/09/28	88	50 - 150	190 (1)	50 - 150	0.101, RDL=0.020	ng/g	7.8	30
6967990	HexaCB-(128)+(166)	2020/09/28			116	N/A	0.0459, RDL=0.020	ng/g	11	30
6967990	HexaCB-(129)+(138)+(163)	2020/09/28					0.328, RDL=0.030	ng/g	8.4	30
6967990	HexaCB-(134)+(143)	2020/09/28					<0.0048	ng/g	NC	30
6967990	HexaCB-(135)+(151)	2020/09/28					0.0535, RDL=0.020	ng/g	15	30
6967990	HexaCB-(139)+(140)	2020/09/28					<0.0042	ng/g	NC	30
6967990	HexaCB-(147)+(149)	2020/09/28					0.146, RDL=0.020	ng/g	12	30
6967990	HexaCB-(153)+(168)	2020/09/28					0.321, RDL=0.010	ng/g	1.2	30
6967990	HexaCB-(156)+(157)	2020/09/28	108	50 - 150	110	50 - 150	0.0272, RDL=0.020	ng/g	15	30
6967990	OctaCB-(198)+(199)	2020/09/28					0.025, RDL=0.020	ng/g	NC	30
6967990	PentaCB-(108)+(124)	2020/09/28					<0.0032	ng/g	NC	30
6967990	PentaCB-(110)+(115)	2020/09/28					0.145, RDL=0.020	ng/g	4.1	30
6967990	PentaCB-(83)+(99)	2020/09/28					0.174, RDL=0.020	ng/g	6.9	30
6967990	PentaCB-(85)+(116)+(117)	2020/09/28					0.0290, RDL=0.030	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6967990	PentaCB-(86)(87)(97)(109)(119)(125)	2020/09/28					0.0716, RDL=0.060	ng/g	2.7	30
6967990	PentaCB-(88)+(91)	2020/09/28					0.0141, RDL=0.020	ng/g	NC	30
6967990	PentaCB-(90)+(101)+(113)	2020/09/28	0.18	N/A	294	N/A	0.187, RDL=0.030	ng/g	10	30
6967990	PentaCB-(93)+(98)+(100)+(102)	2020/09/28					<0.0056	ng/g	NC	30
6967990	TetraCB-(40)+(41)+(71)	2020/09/28					0.0066, RDL=0.030	ng/g	NC	30
6967990	TetraCB-(44)+(47)+(65)	2020/09/28					0.0420, RDL=0.030	ng/g	2.4	30
6967990	TetraCB-(45)+(51)	2020/09/28					<0.0026	ng/g	NC	30
6967990	TetraCB-(49)+TetraCB-(69)	2020/09/28					0.0237, RDL=0.020	ng/g	NC	30
6967990	TetraCB-(50)+(53)	2020/09/28					<0.0025	ng/g	NC	30
6967990	TetraCB-(59)+(62)+(75)	2020/09/28					<0.0021	ng/g	NC	30
6967990	TetraCB-(61)+(70)+(74)+(76)	2020/09/28					0.106, RDL=0.040	ng/g	9.2	30
6967990	TriCB-(18)+(30)	2020/09/28					0.0035, RDL=0.020	ng/g	NC	30
6967990	TriCB-(20) + (28)	2020/09/28					0.0375, RDL=0.020	ng/g	8.6	30
6967990	TriCB-(21)+(33)	2020/09/28					<0.0033	ng/g	NC	30
6967990	TriCB-(26)+(29)	2020/09/28					<0.0034	ng/g	NC	30
6982339	2,3-DiCB-(5)	2020/10/15					<0.00046	ng/g	NC	30
6982339	2,3'-DiCB-(6)	2020/10/15					<0.00045	ng/g	NC (2)	30
6982339	2,4-DiCB-(7)	2020/10/15					<0.00045	ng/g	NC	30
6982339	2,4'-DiCB-(8)	2020/10/15					<0.0016 (2)	ng/g	NC	30
6982339	2,5-DiCB-(9)	2020/10/15					<0.00044	ng/g	NC	30
6982339	2,6-DiCB-(10)	2020/10/15					<0.00018	ng/g	NC	30
6982339	22'33'44'55'6-NonaCB-(206)	2020/10/15	93	50 - 150	101	50 - 150	0.0067, RDL=0.010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	22'33'44'55'-OctaCB-(194)	2020/10/15					0.0161, RDL=0.010	ng/g	NC	30
6982339	22'33'44'566'-NonaCB-(207)	2020/10/15					<0.0010	ng/g	NC	30
6982339	22'33'44'56-OctaCB-(195)	2020/10/15					0.0050, RDL=0.010	ng/g	NC	30
6982339	22'33'44'56'-OctaCB-(196)	2020/10/15					0.0099, RDL=0.010	ng/g	NC	30
6982339	22'33'44'5-HeptaCB-(170)	2020/10/15	108	50 - 150	131	50 - 150	0.0294, RDL=0.010	ng/g	2.8	30
6982339	22'33'44'66'OctaCB-(197)	2020/10/15					<0.0012	ng/g	NC (2)	30
6982339	22'33'455'66'-NonaCB-(208)	2020/10/15	88	50 - 150	102	50 - 150	0.0027, RDL=0.010	ng/g	NC (2)	30
6982339	22'33'455'-HeptaCB-(172)	2020/10/15					0.0078, RDL=0.010	ng/g	NC	30
6982339	22'33'4566'-OctaCB-(200)	2020/10/15					0.0019, RDL=0.010	ng/g	NC (2)	30
6982339	22'33'45'66'-OctaCB-(201)	2020/10/15					0.0046, RDL=0.010	ng/g	NC	30
6982339	22'33'456'-HeptaCB-(174)	2020/10/15					0.0210, RDL=0.010	ng/g	1.8	30
6982339	22'33'45'6-HeptaCB-(175)	2020/10/15					0.00140, RDL=0.010	ng/g	NC	30
6982339	22'33'45'6'-HeptaCB-(177)	2020/10/15					0.0325, RDL=0.010	ng/g	1.2	30
6982339	22'33'45'-HexaCB-(130)	2020/10/15					0.0152, RDL=0.010	ng/g	4.3	30
6982339	22'33'466'-HeptaCB-(176)	2020/10/15					0.00418, RDL=0.010	ng/g	NC	30
6982339	22'33'46-HexaCB-(131)	2020/10/15					<0.00063	ng/g	1.6	30
6982339	22'33'46'-HexaCB-(132)	2020/10/15					0.0307, RDL=0.010	ng/g	0.087	30
6982339	22'33'4-PentaCB-(82)	2020/10/15					0.0050, RDL=0.010	ng/g	1.3	30
6982339	22'33'55'66'-OctaCB-(202)	2020/10/15	95	50 - 150	108	50 - 150	<0.0098 (2)	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	22'33'55'6-HeptaCB-(178)	2020/10/15					0.0177, RDL=0.010	ng/g	1.0	30
6982339	22'33'55'-HexaCB-(133)	2020/10/15					0.00680, RDL=0.010	ng/g	1.7	30
6982339	22'33'566'-HeptaCB-(179)	2020/10/15					0.0176, RDL=0.010	ng/g	2.3	30
6982339	22'33'66'-HexaCB-(136)	2020/10/15					0.00757, RDL=0.010	ng/g	3.7	30
6982339	22'33'6-PentaCB-(84)	2020/10/15					0.0127, RDL=0.010	ng/g	1.7	30
6982339	22'344'55'6-OctaCB-(203)	2020/10/15					0.0131, RDL=0.010	ng/g	NC	30
6982339	22'344'566'-OctaCB-(204)	2020/10/15					<0.0013	ng/g	NC	30
6982339	22'344'56-HeptaCB-(181)	2020/10/15					<0.00095	ng/g	NC (2)	30
6982339	22'344'56'-HeptaCB-(182)	2020/10/15					<0.00086	ng/g	NC	30
6982339	22'344'5'6-HeptaCB-(183)	2020/10/15					0.0226, RDL=0.010	ng/g	3.1	30
6982339	22'344'5-HexaCB-(137)	2020/10/15					0.00848, RDL=0.010	ng/g	0.57	30
6982339	22'344'66'-HeptaCB-(184)	2020/10/15					<0.00064	ng/g	NC	30
6982339	22'3455'6-HeptaCB-(185)	2020/10/15					<0.00096	ng/g	NC	30
6982339	22'34'55'6-HeptaCB-(187)	2020/10/15					0.110, RDL=0.010	ng/g	3.4	30
6982339	22'3455'-HexaCB-(141)	2020/10/15					0.0201, RDL=0.010	ng/g	1.7	30
6982339	22'34'55'-HexaCB-(146)	2020/10/15					0.0564, RDL=0.010	ng/g	1.7	30
6982339	22'34566'-HeptaCB-(186)	2020/10/15					<0.00071	ng/g	NC	30
6982339	22'34'566'-HeptaCB-(188)	2020/10/15	90	50 - 150	97	50 - 150	<0.00079	ng/g	NC	30
6982339	22'3456-HexaCB-(142)	2020/10/15					<0.00056	ng/g	NC	30
6982339	22'345'6-HexaCB-(144)	2020/10/15					0.0040, RDL=0.010	ng/g	3.7	30
6982339	22'34'56'-HexaCB-(148)	2020/10/15					<0.0011	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	22'3466'-HexaCB-(145)	2020/10/15					<0.00085	ng/g	NC	30
6982339	22'34'66'-HexaCB-(150)	2020/10/15					<0.00084	ng/g	NC	30
6982339	22'346'-PentaCB-(89)	2020/10/15					<0.0014	ng/g	NC	30
6982339	22'34'-TetraCB-(42)	2020/10/15					0.0066, RDL=0.010	ng/g	0.049	30
6982339	22'355'-PentaCB-(92)	2020/10/15					0.0299, RDL=0.010	ng/g	2.1	30
6982339	22'3566'-HexaCB-(152)	2020/10/15					<0.00081	ng/g	NC	30
6982339	22'356'-PentaCB-(94)	2020/10/15					<0.0013	ng/g	NC	30
6982339	22'35'6-PentaCB-(95)	2020/10/15					0.0511, RDL=0.010	ng/g	1.7	30
6982339	22'35-TetraCB-(43)	2020/10/15					<0.0017	ng/g	2.0	30
6982339	22'366'-PentaCB-(96)	2020/10/15					<0.00014	ng/g	NC	30
6982339	22'36'-TetraCB-(46)	2020/10/15					<0.0013	ng/g	NC	30
6982339	22'3-TriCB-(16)	2020/10/15					<0.0016	ng/g	8.7	30
6982339	22'44'56'-HexaCB-(154)	2020/10/15					0.00503, RDL=0.010	ng/g	3.1	30
6982339	22'44'66'-HexaCB-(155)	2020/10/15	92	50 - 150	97	50 - 150	<0.00065	ng/g	NC	30
6982339	22'45'6-PentaCB-(103)	2020/10/15					0.0016, RDL=0.010	ng/g	7.7	30
6982339	22'45-TetraCB-(48)	2020/10/15					<0.0026 (2)	ng/g	1.5	30
6982339	22'466'-PentaCB-(104)	2020/10/15	94	50 - 150	101	50 - 150	<0.00013	ng/g	NC	30
6982339	22'4-TriCB-(17)	2020/10/15					<0.0015	ng/g	2.2	30
6982339	22'55'-TetraCB-(52)	2020/10/15					0.0702, RDL=0.010	ng/g	0.21	30
6982339	22'66'-TetraCB-(54)	2020/10/15	97	50 - 150	100	50 - 150	<0.00025	ng/g	NC	30
6982339	22'6-TriCB-(19)	2020/10/15	96	50 - 150	96	50 - 150	<0.0015	ng/g	NC	30
6982339	22'-DiCB-(4)	2020/10/15	105	50 - 150	105	50 - 150	<0.00021	ng/g	NC	30
6982339	233'44'55'6-OctaCB-(205)	2020/10/15	96	50 - 150	98	50 - 150	<0.00097	ng/g	NC	30
6982339	233'44'55'-HeptaCB-(189)	2020/10/15	89	50 - 150	96	50 - 150	0.00172, RDL=0.010	ng/g	NC	30
6982339	233'44'56-HeptaCB-(190)	2020/10/15					0.00817, RDL=0.010	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	233'44'5'6-HeptaCB-(191)	2020/10/15					<0.0018 (2)	ng/g	NC	30
6982339	233'44'6-HexaCB-(158)	2020/10/15					0.0155, RDL=0.010	ng/g	1.8	30
6982339	233'44'-PentaCB-(105)	2020/10/15	NC (5)	50 - 150	156 (6)	50 - 150	0.0580, RDL=0.010	ng/g	1.4	30
6982339	233'455'6-HeptaCB-(192)	2020/10/15					<0.00087	ng/g	NC	30
6982339	233'455'-HexaCB-(159)	2020/10/15					<0.00092	ng/g	NC	30
6982339	233'4'55'-HexaCB-(162)	2020/10/15					0.00122, RDL=0.010	ng/g	4.9	30
6982339	233'456-HexaCB-(160)	2020/10/15					<0.00046	ng/g	NC	30
6982339	233'45'6-HexaCB-(161)	2020/10/15					<0.00043	ng/g	NC	30
6982339	233'4'5'6-HexaCB-(164)	2020/10/15					0.0108, RDL=0.010	ng/g	6.7	30
6982339	233'45-PentaCB-(106)	2020/10/15					<0.00041	ng/g	NC	30
6982339	233'4'5-PentaCB-(107)	2020/10/15					0.0144, RDL=0.010	ng/g	1.9	30
6982339	233'4'5'-PentaCB-(122)	2020/10/15					<0.00049	ng/g	2.4	30
6982339	233'4'-Tetra CB(56)	2020/10/15					0.0057, RDL=0.010	ng/g	6.7	30
6982339	233'4-TetraCB-(55)	2020/10/15					<0.0011	ng/g	NC	30
6982339	233'55'6-HexaCB-(165)	2020/10/15					<0.00045	ng/g	NC	30
6982339	233'55'-PentaCB-(111)	2020/10/15					<0.0010	ng/g	NC	30
6982339	233'56-PentaCB-(112)	2020/10/15					<0.00096	ng/g	NC	30
6982339	233'5-TetraCB-(57)	2020/10/15					<0.0011	ng/g	NC	30
6982339	233'5'-TetraCB-(58)	2020/10/15					<0.0011	ng/g	NC	30
6982339	23'44'55'-HexaCB-(167)	2020/10/15	121	50 - 150	104	50 - 150	0.0098, RDL=0.010	ng/g	2.0	30
6982339	2344'5-PentaCB-(114)	2020/10/15	106	50 - 150	96	50 - 150	0.00393, RDL=0.010	ng/g	7.2	30
6982339	23'44'5-PentaCB-(118)	2020/10/15	NC (5)	50 - 150	275 (1)	50 - 150	0.170, RDL=0.010	ng/g	2.7	30
6982339	23'44'5'-PentaCB-(123)	2020/10/15	150	50 - 150	101	50 - 150	<0.00053	ng/g	21	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	2344'-TetraCB -(60)	2020/10/15					0.0126, RDL=0.010	ng/g	2.2	30
6982339	23'44'-TetraCB-(66)	2020/10/15					0.0585, RDL=0.010	ng/g	3.2	30
6982339	23'455'-PentaCB-(120)	2020/10/15					<0.0010	ng/g	NC	30
6982339	23'45'6-PentaCB-(121)	2020/10/15					<0.00098	ng/g	NC	30
6982339	234'5-TetraCB-(63)	2020/10/15					0.0031, RDL=0.010	ng/g	0.028	30
6982339	23'45-TetraCB-(67)	2020/10/15					<0.00091	ng/g	NC	30
6982339	23'45'-TetraCB-(68)	2020/10/15					<0.0010	ng/g	7.6	30
6982339	234'6-TetraCB-(64)	2020/10/15					0.0181, RDL=0.010	ng/g	1.8	30
6982339	234'-TriCB-(22)	2020/10/15					<0.0034 (2)	ng/g	5.4	30
6982339	23'4-TriCB-(25)	2020/10/15					<0.00076	ng/g	NC	30
6982339	23'55'-TetraCB-(72)	2020/10/15					<0.00089	ng/g	18	30
6982339	23'5'6-TetraCB-(73)	2020/10/15					<0.00077	ng/g	NC	30
6982339	235-TriCB-(23)	2020/10/15					<0.00075	ng/g	NC	30
6982339	23'5'-TriCB-(34)	2020/10/15					<0.00081	ng/g	NC	30
6982339	236-TriCB-(24)	2020/10/15					<0.0013	ng/g	NC	30
6982339	23'6-TriCB-(27)	2020/10/15					<0.0011	ng/g	NC	30
6982339	24'5-TriCB-(31)	2020/10/15					0.0206, RDL=0.010	ng/g	2.9	30
6982339	24'6-TriCB-(32)	2020/10/15					0.0013, RDL=0.010	ng/g	NC	30
6982339	2-MonoCB-(1)	2020/10/15	97	50 - 150	103	50 - 150	<0.00043	ng/g	NC	30
6982339	3,3'-DiCB-(11)	2020/10/15					<0.017 (2)	ng/g	NC	30
6982339	3,5-DiCB-(14)	2020/10/15					<0.00044	ng/g	NC	30
6982339	33'44'55'-HexaCB-(169)	2020/10/15	99	50 - 150	94	50 - 150	<0.0011	ng/g	NC	30
6982339	33'44'5-PentaCB-(126)	2020/10/15	112	50 - 150	95	50 - 150	<0.00047	ng/g	NC	30
6982339	33'44'-TetraCB-(77)	2020/10/15	118	50 - 150	100	50 - 150	<0.0034 (2)	ng/g	0.50	30
6982339	33'455'-PentaCB-(127)	2020/10/15					<0.00046	ng/g	NC	30
6982339	33'45-TetraCB-(78)	2020/10/15					<0.0011	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	33'45'-TetraCB(79)	2020/10/15					<0.00093	ng/g	26	30
6982339	33'4-TriCB-(35)	2020/10/15					<0.00079	ng/g	NC	30
6982339	33'55'-TetraCB-(80)	2020/10/15					<0.00092	ng/g	NC	30
6982339	33'5-TriCB-(36)	2020/10/15					<0.00068	ng/g	NC	30
6982339	344'5-TetraCB-(81)	2020/10/15	143	50 - 150	97	50 - 150	<0.0011	ng/g	NC (2)	30
6982339	344'-TriCB-(37)	2020/10/15	104	50 - 150	101	50 - 150	0.0072, RDL=0.010	ng/g	5.4	30
6982339	345-TriCB-(38)	2020/10/15					<0.00076	ng/g	NC	30
6982339	34'5-TriCB-(39)	2020/10/15					<0.00072	ng/g	NC	30
6982339	3-MonoCB-(2)	2020/10/15					<0.00039	ng/g	NC	30
6982339	4,4'-DiCB-(15)	2020/10/15	98	50 - 150	100	50 - 150	<0.0032 (2)	ng/g	NC (2)	30
6982339	4-MonoCB-(3)	2020/10/15	97	50 - 150	103	50 - 150	0.00142, RDL=0.010	ng/g	NC	30
6982339	DecaCB-(209)	2020/10/15	95	50 - 150	100	50 - 150	0.0031, RDL=0.010	ng/g	NC	30
6982339	DiCB-(12)+(13)	2020/10/15					<0.00044	ng/g	NC (2)	30
6982339	HeptaCB-(171)+(173)	2020/10/15					0.0144, RDL=0.020	ng/g	NC	30
6982339	HeptaCB-(180)+(193)	2020/10/15	NC (5)	50 - 150	169 (6)	50 - 150	0.0894, RDL=0.020	ng/g	2.3	30
6982339	HexaCB-(128)+(166)	2020/10/15					0.0399, RDL=0.020	ng/g	0.88	30
6982339	HexaCB-(129)+(138)+(163)	2020/10/15					0.312, RDL=0.030	ng/g	1.5	30
6982339	HexaCB-(134)+(143)	2020/10/15					0.00671, RDL=0.020	ng/g	2.3	30
6982339	HexaCB-(135)+(151)	2020/10/15					0.0538, RDL=0.020	ng/g	6.6	30
6982339	HexaCB-(139)+(140)	2020/10/15					0.00250, RDL=0.020	ng/g	3.5	30
6982339	HexaCB-(147)+(149)	2020/10/15					0.160, RDL=0.020	ng/g	4.2	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	HexaCB-(153)+(168)	2020/10/15					0.298, RDL=0.010	ng/g	4.7	30
6982339	HexaCB-(156)+(157)	2020/10/15	116	50 - 150	108	50 - 150	0.0221, RDL=0.020	ng/g	0.92	30
6982339	OctaCB-(198)+(199)	2020/10/15					0.0212, RDL=0.020	ng/g	NC	30
6982339	PentaCB-(108)+(124)	2020/10/15					0.00438, RDL=0.020	ng/g	1.1	30
6982339	PentaCB-(110)+(115)	2020/10/15					0.131, RDL=0.020	ng/g	0.95	30
6982339	PentaCB-(83)+(99)	2020/10/15					0.135, RDL=0.020	ng/g	0.63	30
6982339	PentaCB-(85)+(116)+(117)	2020/10/15					0.0291, RDL=0.030	ng/g	2.0	30
6982339	PentaCB-(86)(87)(97)(109)(119)(125)	2020/10/15					0.0662, RDL=0.060	ng/g	0.63	30
6982339	PentaCB-(88)+(91)	2020/10/15					0.0128, RDL=0.020	ng/g	0.11	30
6982339	PentaCB-(90)+(101)+(113)	2020/10/15					0.174, RDL=0.030	ng/g	1.6	30
6982339	PentaCB-(93)+(98)+(100)+(102)	2020/10/15					0.0022, RDL=0.040	ng/g	NC	30
6982339	TetraCB-(40)+(41)+(71)	2020/10/15					0.0064, RDL=0.030	ng/g	1.8	30
6982339	TetraCB-(44)+(47)+(65)	2020/10/15					0.0418, RDL=0.030	ng/g	0.21	30
6982339	TetraCB-(45)+(51)	2020/10/15					<0.0011	ng/g	NC	30
6982339	TetraCB-(49)+TetraCB-(69)	2020/10/15					0.0238, RDL=0.020	ng/g	1.9	30
6982339	TetraCB-(50)+(53)	2020/10/15					<0.0011	ng/g	NC	30
6982339	TetraCB-(59)+(62)+(75)	2020/10/15					0.00266, RDL=0.030	ng/g	0.73	30
6982339	TetraCB-(61)+(70)+(74)+(76)	2020/10/15					0.0962, RDL=0.040	ng/g	2.4	30

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BV Labs - Partial/Rush Results

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6982339	TriCB-(18)+(30)	2020/10/15					0.0032, RDL=0.020	ng/g	0.83	30
6982339	TriCB-(20) + (28)	2020/10/15					<0.032 (2)	ng/g	3.9	30
6982339	TriCB-(21)+(33)	2020/10/15					<0.0017 (2)	ng/g	NC	30
6982339	TriCB-(26)+(29)	2020/10/15					<0.00094 (2)	ng/g	5.7	30
7006939	2,3-DiCB-(5)	2020/11/15					<0.00088	ng/g	NC	30
7006939	2,3'-DiCB-(6)	2020/11/15					<0.00091	ng/g	NC	30
7006939	2,4-DiCB-(7)	2020/11/15					<0.00089	ng/g	NC	30
7006939	2,4'-DiCB-(8)	2020/11/15					<0.00094	ng/g	NC	30
7006939	2,5-DiCB-(9)	2020/11/15					<0.00090	ng/g	NC	30
7006939	2,6-DiCB-(10)	2020/11/15					<0.0022	ng/g	NC	30
7006939	22'33'44'55'6-NonaCB-(206)	2020/11/15	111	50 - 150	114	50 - 150	<0.0045	ng/g	NC	30
7006939	22'33'44'55'-OctaCB-(194)	2020/11/15					<0.0040	ng/g	11	30
7006939	22'33'44'566'-NonaCB-(207)	2020/11/15					<0.0036	ng/g	NC	30
7006939	22'33'44'56-OctaCB-(195)	2020/11/15					<0.0040	ng/g	NC	30
7006939	22'33'44'56'-OctaCB-(196)	2020/11/15					<0.0096	ng/g	6.3	30
7006939	22'33'44'5-HeptaCB-(170)	2020/11/15	116	50 - 150	108	50 - 150	<0.0040	ng/g	9.0	30
7006939	22'33'44'66'OctaCB-(197)	2020/11/15					<0.0088	ng/g	NC	30
7006939	22'33'455'66'-NonaCB-(208)	2020/11/15	107	50 - 150	115	50 - 150	<0.0046	ng/g	NC	30
7006939	22'33'455'-HeptaCB-(172)	2020/11/15					<0.0048	ng/g	13	30
7006939	22'33'4566'-OctaCB-(200)	2020/11/15					<0.0044	ng/g	NC	30
7006939	22'33'45'66'-OctaCB-(201)	2020/11/15					<0.0060	ng/g	NC	30
7006939	22'33'456'-HeptaCB-(174)	2020/11/15					<0.0040	ng/g	8.8	30
7006939	22'33'45'6-HeptaCB-(175)	2020/11/15					<0.0025	ng/g	NC	30
7006939	22'33'45'6'-HeptaCB-(177)	2020/11/15					<0.0046	ng/g	18	30
7006939	22'33'45'-HexaCB-(130)	2020/11/15					<0.0031	ng/g	10	30
7006939	22'33'466'-HeptaCB-(176)	2020/11/15					<0.0019	ng/g	NC	30
7006939	22'33'46-HexaCB-(131)	2020/11/15					<0.0031	ng/g	NC	30
7006939	22'33'46'-HexaCB-(132)	2020/11/15					<0.0028	ng/g	17	30
7006939	22'33'4-PentaCB-(82)	2020/11/15					<0.0028	ng/g	NC	30
7006939	22'33'55'66'-OctaCB-(202)	2020/11/15	108	50 - 150	111	50 - 150	<0.0055	ng/g	NC	30
7006939	22'33'55'6-HeptaCB-(178)	2020/11/15					<0.0025	ng/g	8.9	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	22'33'55'-HexaCB-(133)	2020/11/15					<0.0026	ng/g	NC	30
7006939	22'33'566'-HeptaCB-(179)	2020/11/15					<0.0018	ng/g	2.8	30
7006939	22'33'66'-HexaCB-(136)	2020/11/15					<0.0036	ng/g	NC	30
7006939	22'33'6-PentaCB-(84)	2020/11/15					<0.0027	ng/g	15	30
7006939	22'344'55'6-OctaCB-(203)	2020/11/15					<0.0068	ng/g	12	30
7006939	22'344'566'-OctaCB-(204)	2020/11/15					<0.0061	ng/g	NC	30
7006939	22'344'56-HeptaCB-(181)	2020/11/15					<0.0047	ng/g	NC	30
7006939	22'344'56'-HeptaCB-(182)	2020/11/15					<0.0025	ng/g	NC	30
7006939	22'344'5'6-HeptaCB-(183)	2020/11/15					<0.0039	ng/g	10	30
7006939	22'344'5-HexaCB-(137)	2020/11/15					<0.0031	ng/g	20	30
7006939	22'344'66'-HeptaCB-(184)	2020/11/15					<0.0018	ng/g	NC	30
7006939	22'3455'6-HeptaCB-(185)	2020/11/15					<0.0055	ng/g	NC	30
7006939	22'34'55'6-HeptaCB-(187)	2020/11/15					<0.0024	ng/g	3.1	30
7006939	22'3455'-HexaCB-(141)	2020/11/15					<0.0025	ng/g	1.0	30
7006939	22'34'55'-HexaCB-(146)	2020/11/15					<0.0026	ng/g	17	30
7006939	22'34566'-HeptaCB-(186)	2020/11/15					<0.0019	ng/g	NC	30
7006939	22'34'566'-HeptaCB-(188)	2020/11/15	109	50 - 150	109	50 - 150	<0.0018	ng/g	NC	30
7006939	22'3456-HexaCB-(142)	2020/11/15					<0.0028	ng/g	NC	30
7006939	22'345'6-HexaCB-(144)	2020/11/15					<0.0054	ng/g	NC	30
7006939	22'34'56'-HexaCB-(148)	2020/11/15					<0.0047	ng/g	NC	30
7006939	22'3466'-HexaCB-(145)	2020/11/15					<0.0036	ng/g	NC	30
7006939	22'34'66'-HexaCB-(150)	2020/11/15					<0.0033	ng/g	NC	30
7006939	22'346'-PentaCB-(89)	2020/11/15					<0.0027	ng/g	NC	30
7006939	22'34'-TetraCB-(42)	2020/11/15					<0.0031	ng/g	NC	30
7006939	22'355'-PentaCB-(92)	2020/11/15					<0.0026	ng/g	17	30
7006939	22'3566'-HexaCB-(152)	2020/11/15					<0.0034	ng/g	NC	30
7006939	22'356'-PentaCB-(94)	2020/11/15					<0.0025	ng/g	NC	30
7006939	22'35'6-PentaCB-(95)	2020/11/15					<0.0023	ng/g	16	30
7006939	22'35-TetraCB-(43)	2020/11/15					<0.0030	ng/g	NC	30
7006939	22'366'-PentaCB-(96)	2020/11/15					<0.0022	ng/g	NC	30
7006939	22'36'-TetraCB-(46)	2020/11/15					<0.0030	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	22'3-TriCB-(16)	2020/11/15					<0.0029	ng/g	NC	30
7006939	22'44'56'-HexaCB-(154)	2020/11/15					<0.0043	ng/g	NC	30
7006939	22'44'66'-HexaCB-(155)	2020/11/15	110	50 - 150	120	50 - 150	<0.0022	ng/g	NC	30
7006939	22'45'6-PentaCB-(103)	2020/11/15					<0.0022	ng/g	NC	30
7006939	22'45-TetraCB-(48)	2020/11/15					<0.0028	ng/g	NC	30
7006939	22'466'-PentaCB-(104)	2020/11/15	119	50 - 150	112	50 - 150	<0.0017	ng/g	NC	30
7006939	22'4-TriCB-(17)	2020/11/15					<0.0026	ng/g	NC	30
7006939	22'55'-TetraCB-(52)	2020/11/15					<0.0026	ng/g	11	30
7006939	22'66'-TetraCB-(54)	2020/11/15	112	50 - 150	111	50 - 150	<0.0026	ng/g	NC	30
7006939	22'6-TriCB-(19)	2020/11/15	118	50 - 150	121	50 - 150	<0.0025	ng/g	NC	30
7006939	22'-DiCB-(4)	2020/11/15	119	50 - 150	125	50 - 150	<0.0023	ng/g	NC	30
7006939	233'44'55'6-OctaCB-(205)	2020/11/15	103	50 - 150	112	50 - 150	<0.0043	ng/g	NC	30
7006939	233'44'55'-HeptaCB-(189)	2020/11/15	118	50 - 150	120	50 - 150	<0.0045	ng/g	NC	30
7006939	233'44'56-HeptaCB-(190)	2020/11/15					<0.0038	ng/g	5.9	30
7006939	233'44'5'6-HeptaCB-(191)	2020/11/15					<0.0036	ng/g	NC	30
7006939	233'44'6-HexaCB-(158)	2020/11/15					<0.0019	ng/g	1.0	30
7006939	233'44'-PentaCB-(105)	2020/11/15	125	50 - 150	117	50 - 150	<0.0016	ng/g	12	30
7006939	233'455'6-HeptaCB-(192)	2020/11/15					<0.0039	ng/g	NC	30
7006939	233'455'-HexaCB-(159)	2020/11/15					<0.0019	ng/g	NC	30
7006939	233'4'55'-HexaCB-(162)	2020/11/15					<0.0017	ng/g	NC	30
7006939	233'456-HexaCB-(160)	2020/11/15					<0.0021	ng/g	NC	30
7006939	233'45'6-HexaCB-(161)	2020/11/15					<0.0020	ng/g	NC	30
7006939	233'4'5'6-HexaCB-(164)	2020/11/15					<0.0019	ng/g	12	30
7006939	233'45-PentaCB-(106)	2020/11/15					<0.0010	ng/g	NC	30
7006939	233'4'5-PentaCB-(107)	2020/11/15					<0.0011	ng/g	14	30
7006939	233'4'5'-PentaCB-(122)	2020/11/15					<0.0013	ng/g	NC	30
7006939	233'4'-Tetra CB(56)	2020/11/15					<0.0022	ng/g	11	30
7006939	233'4-TetraCB-(55)	2020/11/15					<0.0019	ng/g	NC	30
7006939	233'55'6-HexaCB-(165)	2020/11/15					<0.0022	ng/g	NC	30
7006939	233'55'-PentaCB-(111)	2020/11/15					<0.0020	ng/g	NC	30
7006939	233'56-PentaCB-(112)	2020/11/15					<0.0017	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	233'5-TetraCB-(57)	2020/11/15					<0.0019	ng/g	NC	30
7006939	233'5'-TetraCB-(58)	2020/11/15					<0.0018	ng/g	NC	30
7006939	23'44'55'-HexaCB-(167)	2020/11/15	111	50 - 150	113	50 - 150	<0.0026	ng/g	9.8	30
7006939	2344'5-PentaCB-(114)	2020/11/15	113	50 - 150	119	50 - 150	<0.0016	ng/g	7.6	30
7006939	23'44'5-PentaCB-(118)	2020/11/15	159 (1)	50 - 150	117	50 - 150	<0.0016	ng/g	9.4	30
7006939	23'44'5'-PentaCB-(123)	2020/11/15	123	50 - 150	116	50 - 150	<0.0017	ng/g	NC	30
7006939	2344'-TetraCB -(60)	2020/11/15					<0.0021	ng/g	2.6	30
7006939	23'44'-TetraCB-(66)	2020/11/15					<0.0021	ng/g	12	30
7006939	23'455'-PentaCB-(120)	2020/11/15					<0.0022	ng/g	NC	30
7006939	23'45'6-PentaCB-(121)	2020/11/15					<0.0020	ng/g	NC	30
7006939	234'5-TetraCB-(63)	2020/11/15					<0.0019	ng/g	NC	30
7006939	23'45-TetraCB-(67)	2020/11/15					<0.0017	ng/g	NC	30
7006939	23'45'-TetraCB-(68)	2020/11/15					<0.0019	ng/g	NC	30
7006939	234'6-TetraCB-(64)	2020/11/15					<0.0024	ng/g	6.3	30
7006939	234'-TriCB-(22)	2020/11/15					<0.0012	ng/g	NC (2)	30
7006939	23'4-TriCB-(25)	2020/11/15					<0.0012	ng/g	NC	30
7006939	23'55'-TetraCB-(72)	2020/11/15					<0.0020	ng/g	NC	30
7006939	23'5'6-TetraCB-(73)	2020/11/15					<0.0022	ng/g	NC	30
7006939	235-TriCB-(23)	2020/11/15					<0.0012	ng/g	NC	30
7006939	23'5'-TriCB-(34)	2020/11/15					<0.0013	ng/g	NC	30
7006939	236-TriCB-(24)	2020/11/15					<0.0022	ng/g	NC	30
7006939	23'6-TriCB-(27)	2020/11/15					<0.0019	ng/g	NC	30
7006939	24'5-TriCB-(31)	2020/11/15					<0.0012	ng/g	4.5	30
7006939	24'6-TriCB-(32)	2020/11/15					<0.0018	ng/g	NC	30
7006939	2-MonoCB-(1)	2020/11/15	125	50 - 150	130	50 - 150	<0.0012	ng/g	NC	30
7006939	3,3'-DiCB-(11)	2020/11/15					<0.0045 (2)	ng/g	NC	30
7006939	3,5-DiCB-(14)	2020/11/15					<0.00094	ng/g	NC	30
7006939	33'44'55'-HexaCB-(169)	2020/11/15	115	50 - 150	114	50 - 150	<0.0027	ng/g	NC	30
7006939	33'44'5-PentaCB-(126)	2020/11/15	121	50 - 150	116	50 - 150	<0.0015	ng/g	NC	30
7006939	33'44'-TetraCB-(77)	2020/11/15	112	50 - 150	124	50 - 150	<0.0029	ng/g	NC	30
7006939	33'455'-PentaCB-(127)	2020/11/15					<0.0012	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	33'45-TetraCB-(78)	2020/11/15					<0.0021	ng/g	NC	30
7006939	33'45'-TetraCB(79)	2020/11/15					<0.0018	ng/g	NC	30
7006939	33'4-TriCB-(35)	2020/11/15					<0.0012	ng/g	NC	30
7006939	33'55'-TetraCB-(80)	2020/11/15					<0.0017	ng/g	NC	30
7006939	33'5-TriCB-(36)	2020/11/15					<0.0010	ng/g	NC	30
7006939	344'5-TetraCB-(81)	2020/11/15	116	50 - 150	109	50 - 150	<0.0027	ng/g	NC	30
7006939	344'-TriCB-(37)	2020/11/15	118	50 - 150	120	50 - 150	<0.0022	ng/g	NC	30
7006939	345-TriCB-(38)	2020/11/15					<0.0012	ng/g	NC	30
7006939	34'5-TriCB-(39)	2020/11/15					<0.0011	ng/g	NC	30
7006939	3-MonoCB-(2)	2020/11/15					<0.0010	ng/g	NC	30
7006939	4,4'-DiCB-(15)	2020/11/15	122	50 - 150	130	50 - 150	<0.0018	ng/g	NC	30
7006939	4-MonoCB-(3)	2020/11/15	124	50 - 150	131	50 - 150	<0.0012	ng/g	NC	30
7006939	DecaCB-(209)	2020/11/15	109	50 - 150	110	50 - 150	<0.0036	ng/g	NC	30
7006939	DiCB-(12)+(13)	2020/11/15					<0.00098	ng/g	NC	30
7006939	HeptaCB-(171)+(173)	2020/11/15					<0.0045	ng/g	11	30
7006939	HeptaCB-(180)+(193)	2020/11/15	87	50 - 150	88	50 - 150	<0.0038	ng/g	11	30
7006939	HexaCB-(128)+(166)	2020/11/15					<0.0024	ng/g	17	30
7006939	HexaCB-(129)+(138)+(163)	2020/11/15					<0.0026	ng/g	26	30
7006939	HexaCB-(134)+(143)	2020/11/15					<0.0028	ng/g	NC	30
7006939	HexaCB-(135)+(151)	2020/11/15					<0.0049	ng/g	19	30
7006939	HexaCB-(139)+(140)	2020/11/15					<0.0024	ng/g	NC	30
7006939	HexaCB-(147)+(149)	2020/11/15					<0.0024	ng/g	6.1	30
7006939	HexaCB-(153)+(168)	2020/11/15					<0.0021	ng/g	17	30
7006939	HexaCB-(156)+(157)	2020/11/15	122	50 - 150	119	50 - 150	<0.0027	ng/g	7.1	30
7006939	OctaCB-(198)+(199)	2020/11/15					<0.0081	ng/g	2.7	30
7006939	PentaCB-(108)+(124)	2020/11/15					<0.0012	ng/g	NC	30
7006939	PentaCB-(110)+(115)	2020/11/15					<0.0024	ng/g	14	30
7006939	PentaCB-(83)+(99)	2020/11/15					<0.0029	ng/g	15	30
7006939	PentaCB-(85)+(116)+(117)	2020/11/15					<0.0021	ng/g	19	30
7006939	PentaCB-(86)(87)(97)(109)(119)(125)	2020/11/15					<0.0022	ng/g	12	30
7006939	PentaCB-(88)+(91)	2020/11/15					<0.0024	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7006939	PentaCB-(90)+(101)+(113)	2020/11/15					<0.0022	ng/g	16	30
7006939	PentaCB-(93)+(98)+(100)+(102)	2020/11/15					<0.0024	ng/g	NC	30
7006939	TetraCB-(40)+(41)+(71)	2020/11/15					<0.0028	ng/g	NC	30
7006939	TetraCB-(44)+(47)+(65)	2020/11/15					<0.0026	ng/g	9.2	30
7006939	TetraCB-(45)+(51)	2020/11/15					<0.0027	ng/g	NC	30
7006939	TetraCB-(49)+TetraCB-(69)	2020/11/15					<0.0025	ng/g	7.5	30
7006939	TetraCB-(50)+(53)	2020/11/15					<0.0026	ng/g	NC	30
7006939	TetraCB-(59)+(62)+(75)	2020/11/15					<0.0021	ng/g	NC	30
7006939	TetraCB-(61)+(70)+(74)+(76)	2020/11/15					<0.0019	ng/g	12	30
7006939	TriCB-(18)+(30)	2020/11/15					<0.0021	ng/g	NC	30
7006939	TriCB-(20) + (28)	2020/11/15					<0.0011	ng/g	1.6	30
7006939	TriCB-(21)+(33)	2020/11/15					<0.0011	ng/g	NC	30
7006939	TriCB-(26)+(29)	2020/11/15					<0.0011	ng/g	NC	30
7055807	2,3-DiCB-(5)	2020/11/18					<0.00070	ng/g	NC	30
7055807	2,3'-DiCB-(6)	2020/11/18					<0.00073	ng/g	NC	30
7055807	2,4-DiCB-(7)	2020/11/18					<0.00073	ng/g	NC	30
7055807	2,4'-DiCB-(8)	2020/11/18					0.00199, RDL=0.010	ng/g	NC	30
7055807	2,5-DiCB-(9)	2020/11/18					<0.00074	ng/g	NC	30
7055807	2,6-DiCB-(10)	2020/11/18					<0.0032	ng/g	NC	30
7055807	22'33'44'55'6-NonaCB-(206)	2020/11/18	97	50 - 150	107	50 - 150	<0.0070 (2)	ng/g	NC	30
7055807	22'33'44'55'-OctaCB-(194)	2020/11/18					0.0178, RDL=0.010	ng/g	NC	30
7055807	22'33'44'566'-NonaCB-(207)	2020/11/18	0	N/A			<0.0019	ng/g	NC	30
7055807	22'33'44'56-OctaCB-(195)	2020/11/18					0.0054, RDL=0.010	ng/g	NC	30
7055807	22'33'44'56'-OctaCB-(196)	2020/11/18					0.0096, RDL=0.010	ng/g	NC	30
7055807	22'33'44'5-HeptaCB-(170)	2020/11/18	102	50 - 150	137	50 - 150	0.0333, RDL=0.010	ng/g	NC (2)	30
7055807	22'33'44'66'OctaCB-(197)	2020/11/18					<0.0033	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	22'33'455'66'-NonaCB-(208)	2020/11/18	100	50 - 150	104	50 - 150	0.0032, RDL=0.010	ng/g	NC	30
7055807	22'33'455'-HeptaCB-(172)	2020/11/18					0.0080, RDL=0.010	ng/g	NC	30
7055807	22'33'4566'-OctaCB-(200)	2020/11/18					<0.0029	ng/g	NC	30
7055807	22'33'45'66'-OctaCB-(201)	2020/11/18					0.0047, RDL=0.010	ng/g	NC	30
7055807	22'33'456'-HeptaCB-(174)	2020/11/18					0.0234, RDL=0.010	ng/g	NC	30
7055807	22'33'45'6-HeptaCB-(175)	2020/11/18					<0.0036	ng/g	NC	30
7055807	22'33'45'6'-HeptaCB-(177)	2020/11/18					0.0321, RDL=0.010	ng/g	NC	30
7055807	22'33'45'-HexaCB-(130)	2020/11/18					0.0148, RDL=0.010	ng/g	NC	30
7055807	22'33'466'-HeptaCB-(176)	2020/11/18					0.0042, RDL=0.010	ng/g	NC	30
7055807	22'33'46-HexaCB-(131)	2020/11/18					<0.0026	ng/g	NC	30
7055807	22'33'46'-HexaCB-(132)	2020/11/18					0.0290, RDL=0.010	ng/g	NC	30
7055807	22'33'4-PentaCB-(82)	2020/11/18					0.0065, RDL=0.010	ng/g	NC	30
7055807	22'33'55'66'-OctaCB-(202)	2020/11/18	109	50 - 150	119	50 - 150	0.0122, RDL=0.010	ng/g	NC	30
7055807	22'33'55'6-HeptaCB-(178)	2020/11/18					0.0199, RDL=0.010	ng/g	NC	30
7055807	22'33'55'-HexaCB-(133)	2020/11/18					0.0062, RDL=0.010	ng/g	NC	30
7055807	22'33'566'-HeptaCB-(179)	2020/11/18					0.0175, RDL=0.010	ng/g	NC	30
7055807	22'33'66'-HexaCB-(136)	2020/11/18					0.0076, RDL=0.010	ng/g	NC	30
7055807	22'33'6-PentaCB-(84)	2020/11/18					0.0131, RDL=0.010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	22'344'55'6-OctaCB-(203)	2020/11/18					0.0132, RDL=0.010	ng/g	NC	30
7055807	22'344'566'-OctaCB-(204)	2020/11/18					<0.0033	ng/g	NC	30
7055807	22'344'56-HeptaCB-(181)	2020/11/18					<0.0035	ng/g	NC	30
7055807	22'344'56'-HeptaCB-(182)	2020/11/18	69	50 - 150	67	50 - 150	<0.0034	ng/g	NC	30
7055807	22'344'5'6-HeptaCB-(183)	2020/11/18					0.0253, RDL=0.010	ng/g	NC	30
7055807	22'344'5-HexaCB-(137)	2020/11/18					0.0079, RDL=0.010	ng/g	NC (2)	30
7055807	22'344'66'-HeptaCB-(184)	2020/11/18					<0.0024	ng/g	NC	30
7055807	22'3455'6-HeptaCB-(185)	2020/11/18					<0.0035	ng/g	NC	30
7055807	22'34'55'6-HeptaCB-(187)	2020/11/18	64	50 - 150	160 (1)	50 - 150	0.105, RDL=0.010	ng/g	8.6	30
7055807	22'3455'-HexaCB-(141)	2020/11/18					0.0188, RDL=0.010	ng/g	NC	30
7055807	22'34'55'-HexaCB-(146)	2020/11/18					0.0560, RDL=0.010	ng/g	NC	30
7055807	22'34566'-HeptaCB-(186)	2020/11/18					<0.0026	ng/g	NC	30
7055807	22'34'566'-HeptaCB-(188)	2020/11/18	94	50 - 150	105	50 - 150	<0.0026	ng/g	NC	30
7055807	22'3456-HexaCB-(142)	2020/11/18					<0.0025	ng/g	NC	30
7055807	22'345'6-HexaCB-(144)	2020/11/18					<0.0064	ng/g	NC	30
7055807	22'34'56'-HexaCB-(148)	2020/11/18					<0.0060	ng/g	NC	30
7055807	22'3466'-HexaCB-(145)	2020/11/18					<0.0044	ng/g	NC	30
7055807	22'34'66'-HexaCB-(150)	2020/11/18					<0.0040	ng/g	NC	30
7055807	22'346'-PentaCB-(89)	2020/11/18					<0.0022	ng/g	NC	30
7055807	22'34'-TetraCB-(42)	2020/11/18					0.0054, RDL=0.010	ng/g	NC	30
7055807	22'355'-PentaCB-(92)	2020/11/18					0.0291, RDL=0.010	ng/g	NC	30
7055807	22'3566'-HexaCB-(152)	2020/11/18					<0.0044	ng/g	NC	30
7055807	22'356'-PentaCB-(94)	2020/11/18					<0.0022	ng/g	NC	30
7055807	22'35'6-PentaCB-(95)	2020/11/18					0.0485, RDL=0.010	ng/g	6.3	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	22'35-TetraCB-(43)	2020/11/18					<0.0021	ng/g	NC	30
7055807	22'366'-PentaCB-(96)	2020/11/18					<0.0019	ng/g	NC	30
7055807	22'36'-TetraCB-(46)	2020/11/18					<0.0018	ng/g	NC	30
7055807	22'3-TriCB-(16)	2020/11/18					<0.0026	ng/g	NC	30
7055807	22'44'56'-HexaCB-(154)	2020/11/18					0.0056, RDL=0.010	ng/g	NC	30
7055807	22'44'66'-HexaCB-(155)	2020/11/18	103	50 - 150	105	50 - 150	<0.0027	ng/g	NC	30
7055807	22'45'6-PentaCB-(103)	2020/11/18					<0.0018	ng/g	NC	30
7055807	22'45-TetraCB-(48)	2020/11/18					0.0022, RDL=0.010	ng/g	NC	30
7055807	22'466'-PentaCB-(104)	2020/11/18	101	50 - 150	102	50 - 150	<0.0011	ng/g	NC	30
7055807	22'4-TriCB-(17)	2020/11/18					<0.0021	ng/g	NC	30
7055807	22'55'-TetraCB-(52)	2020/11/18					0.0696, RDL=0.010	ng/g	4.8	30
7055807	22'66'-TetraCB-(54)	2020/11/18	101	50 - 150	105	50 - 150	<0.0029	ng/g	NC	30
7055807	22'6-TriCB-(19)	2020/11/18	101	50 - 150	104	50 - 150	<0.0016	ng/g	NC	30
7055807	22'-DiCB-(4)	2020/11/18	110	50 - 150	121	50 - 150	<0.0028	ng/g	NC	30
7055807	233'44'55'6-OctaCB-(205)	2020/11/18	102	50 - 150	103	50 - 150	<0.0019	ng/g	NC	30
7055807	233'44'55'-HeptaCB-(189)	2020/11/18	104	50 - 150	109	50 - 150	0.0020, RDL=0.010	ng/g	NC	30
7055807	233'44'56-HeptaCB-(190)	2020/11/18					0.0086, RDL=0.010	ng/g	NC	30
7055807	233'44'5'6-HeptaCB-(191)	2020/11/18					<0.0030	ng/g	NC	30
7055807	233'44'6-HexaCB-(158)	2020/11/18					0.0155, RDL=0.010	ng/g	NC	30
7055807	233'44'-PentaCB-(105)	2020/11/18	109	50 - 150	191 (1)	50 - 150	0.0694, RDL=0.010	ng/g	2.2	30
7055807	233'455'6-HeptaCB-(192)	2020/11/18					<0.0031	ng/g	NC	30
7055807	233'455'-HexaCB-(159)	2020/11/18					<0.0021	ng/g	NC	30
7055807	233'4'55'-HexaCB-(162)	2020/11/18					<0.0020	ng/g	NC	30
7055807	233'456-HexaCB-(160)	2020/11/18					<0.0019	ng/g	NC	30
7055807	233'45'6-HexaCB-(161)	2020/11/18					<0.0017	ng/g	NC	30

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BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	233'4'5'6-HexaCB-(164)	2020/11/18					0.0102, RDL=0.010	ng/g	NC	30
7055807	233'45-PentaCB-(106)	2020/11/18					<0.0012	ng/g	NC	30
7055807	233'4'5-PentaCB-(107)	2020/11/18					0.0153, RDL=0.010	ng/g	NC	30
7055807	233'4'5'-PentaCB-(122)	2020/11/18					<0.0013	ng/g	NC	30
7055807	233'4'-Tetra CB(56)	2020/11/18					0.0061, RDL=0.010	ng/g	NC	30
7055807	233'4-TetraCB-(55)	2020/11/18					<0.0020	ng/g	NC	30
7055807	233'55'6-HexaCB-(165)	2020/11/18					<0.0018	ng/g	NC	30
7055807	233'55'-PentaCB-(111)	2020/11/18					<0.0016	ng/g	NC	30
7055807	233'56-PentaCB-(112)	2020/11/18					<0.0015	ng/g	NC	30
7055807	233'5-TetraCB-(57)	2020/11/18					<0.0019	ng/g	NC	30
7055807	233'5'-TetraCB-(58)	2020/11/18					<0.0020	ng/g	NC	30
7055807	23'44'55'-HexaCB-(167)	2020/11/18	111	50 - 150	122	50 - 150	0.0103, RDL=0.010	ng/g	NC	30
7055807	2344'5-PentaCB-(114)	2020/11/18	111	50 - 150	117	50 - 150	0.0038, RDL=0.010	ng/g	NC	30
7055807	23'44'5-PentaCB-(118)	2020/11/18	102	50 - 150	337 (1)	50 - 150	0.193, RDL=0.010	ng/g	4.5	30
7055807	23'44'5'-PentaCB-(123)	2020/11/18	115	50 - 150	120	50 - 150	0.0028, RDL=0.010	ng/g	NC	30
7055807	2344'-TetraCB -(60)	2020/11/18					0.0148, RDL=0.010	ng/g	NC	30
7055807	23'44'-TetraCB-(66)	2020/11/18					0.0672, RDL=0.010	ng/g	3.0	30
7055807	23'455'-PentaCB-(120)	2020/11/18					<0.0016	ng/g	NC	30
7055807	23'45'6-PentaCB-(121)	2020/11/18					<0.0015	ng/g	NC	30
7055807	234'5-TetraCB-(63)	2020/11/18					0.0030, RDL=0.010	ng/g	NC	30
7055807	23'45-TetraCB-(67)	2020/11/18					<0.0018	ng/g	NC	30
7055807	23'45'-TetraCB-(68)	2020/11/18					0.0037, RDL=0.010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	234'6-TetraCB-(64)	2020/11/18					0.0153, RDL=0.010	ng/g	NC	30
7055807	234'-TriCB-(22)	2020/11/18					0.0038, RDL=0.010	ng/g	NC	30
7055807	23'4-TriCB-(25)	2020/11/18					<0.0014	ng/g	NC	30
7055807	23'55'-TetraCB-(72)	2020/11/18					<0.0022	ng/g	NC	30
7055807	23'5'6-TetraCB-(73)	2020/11/18					<0.0011	ng/g	NC	30
7055807	235-TriCB-(23)	2020/11/18	102	50 - 150	101	50 - 150	<0.0013	ng/g	NC	30
7055807	23'5'-TriCB-(34)	2020/11/18	102	50 - 150	106	50 - 150	<0.0014	ng/g	NC	30
7055807	236-TriCB-(24)	2020/11/18					<0.0014	ng/g	NC	30
7055807	23'6-TriCB-(27)	2020/11/18					<0.0016	ng/g	NC	30
7055807	24'5-TriCB-(31)	2020/11/18					0.0204, RDL=0.010	ng/g	NC	30
7055807	24'6-TriCB-(32)	2020/11/18					<0.0014	ng/g	NC	30
7055807	2-MonoCB-(1)	2020/11/18	116	50 - 150	120	50 - 150	<0.00087	ng/g	NC	30
7055807	3,3'-DiCB-(11)	2020/11/18					0.0318, RDL=0.010	ng/g	NC	30
7055807	3,5-DiCB-(14)	2020/11/18					<0.00074	ng/g	NC	30
7055807	33'44'55'-HexaCB-(169)	2020/11/18	112	50 - 150	114	50 - 150	<0.0031	ng/g	NC	30
7055807	33'44'5-PentaCB-(126)	2020/11/18	108	50 - 150	112	50 - 150	<0.0016	ng/g	NC	30
7055807	33'44'-TetraCB-(77)	2020/11/18	111	50 - 150	119	50 - 150	0.0045, RDL=0.010	ng/g	NC	30
7055807	33'455'-PentaCB-(127)	2020/11/18					<0.0013	ng/g	NC	30
7055807	33'45-TetraCB-(78)	2020/11/18					<0.0021	ng/g	NC	30
7055807	33'45'-TetraCB(79)	2020/11/18					<0.0018	ng/g	NC	30
7055807	33'4-TriCB-(35)	2020/11/18					<0.0013	ng/g	NC	30
7055807	33'55'-TetraCB-(80)	2020/11/18					<0.0018	ng/g	NC	30
7055807	33'5-TriCB-(36)	2020/11/18					<0.0012	ng/g	NC	30
7055807	344'5-TetraCB-(81)	2020/11/18	109	50 - 150	112	50 - 150	<0.0028	ng/g	NC	30
7055807	344'-TriCB-(37)	2020/11/18	114	50 - 150	130	50 - 150	0.0083, RDL=0.010	ng/g	NC	30
7055807	345-TriCB-(38)	2020/11/18					<0.0013	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	34'5-TriCB-(39)	2020/11/18					<0.0013	ng/g	NC	30
7055807	3-MonoCB-(2)	2020/11/18					<0.00082	ng/g	NC	30
7055807	4,4'-DiCB-(15)	2020/11/18	117	50 - 150	123	50 - 150	<0.0037 (2)	ng/g	NC	30
7055807	4-MonoCB-(3)	2020/11/18	113	50 - 150	115	50 - 150	<0.00083	ng/g	NC	30
7055807	DecaCB-(209)	2020/11/18	97	50 - 150	103	50 - 150	0.0031, RDL=0.010	ng/g	NC	30
7055807	DiCB-(12)+(13)	2020/11/18					<0.00072	ng/g	NC	30
7055807	HeptaCB-(171)+(173)	2020/11/18					0.0146, RDL=0.020	ng/g	NC	30
7055807	HeptaCB-(180)+(193)	2020/11/18	82	50 - 150	190 (1)	50 - 150	0.0914, RDL=0.020	ng/g	NC	30
7055807	HexaCB-(128)+(166)	2020/11/18	54	N/A	89	N/A	0.0353, RDL=0.020	ng/g	NC	30
7055807	HexaCB-(129)+(138)+(163)	2020/11/18					0.292, RDL=0.030	ng/g	3.7	30
7055807	HexaCB-(134)+(143)	2020/11/18					0.0050, RDL=0.020	ng/g	NC	30
7055807	HexaCB-(135)+(151)	2020/11/18					0.0516, RDL=0.020	ng/g	NC	30
7055807	HexaCB-(139)+(140)	2020/11/18					<0.0020	ng/g	NC	30
7055807	HexaCB-(147)+(149)	2020/11/18					0.167, RDL=0.020	ng/g	7.5	30
7055807	HexaCB-(153)+(168)	2020/11/18					0.280, RDL=0.010	ng/g	0.063	30
7055807	HexaCB-(156)+(157)	2020/11/18	109	50 - 150	127	50 - 150	0.0267, RDL=0.020	ng/g	NC	30
7055807	OctaCB-(198)+(199)	2020/11/18					0.0212, RDL=0.020	ng/g	NC	30
7055807	PentaCB-(108)+(124)	2020/11/18					0.0037, RDL=0.020	ng/g	NC	30
7055807	PentaCB-(110)+(115)	2020/11/18					0.124, RDL=0.020	ng/g	5.0	30
7055807	PentaCB-(83)+(99)	2020/11/18					0.137, RDL=0.020	ng/g	7.8	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7055807	PentaCB-(85)+(116)+(117)	2020/11/18					0.0253, RDL=0.030	ng/g	NC	30
7055807	PentaCB-(86)(87)(97)(109)(119)(125)	2020/11/18					0.0665, RDL=0.060	ng/g	NC	30
7055807	PentaCB-(88)+(91)	2020/11/18					0.0132, RDL=0.020	ng/g	NC	30
7055807	PentaCB-(90)+(101)+(113)	2020/11/18	69	N/A	243	N/A	0.177, RDL=0.030	ng/g	1.2	30
7055807	PentaCB-(93)+(98)+(100)+(102)	2020/11/18					<0.0020	ng/g	NC	30
7055807	TetraCB-(40)+(41)+(71)	2020/11/18					0.0061, RDL=0.030	ng/g	NC	30
7055807	TetraCB-(44)+(47)+(65)	2020/11/18					0.0412, RDL=0.030	ng/g	NC	30
7055807	TetraCB-(45)+(51)	2020/11/18					0.0036, RDL=0.020	ng/g	NC	30
7055807	TetraCB-(49)+TetraCB-(69)	2020/11/18					0.0209, RDL=0.020	ng/g	NC	30
7055807	TetraCB-(50)+(53)	2020/11/18					<0.0015	ng/g	NC	30
7055807	TetraCB-(59)+(62)+(75)	2020/11/18					0.0021, RDL=0.030	ng/g	NC	30
7055807	TetraCB-(61)+(70)+(74)+(76)	2020/11/18					0.0997, RDL=0.040	ng/g	3.4	30
7055807	TriCB-(18)+(30)	2020/11/18					0.0028, RDL=0.020	ng/g	NC	30
7055807	TriCB-(20) + (28)	2020/11/18					0.0364, RDL=0.020	ng/g	NC	30
7055807	TriCB-(21)+(33)	2020/11/18					0.0023, RDL=0.020	ng/g	NC	30
7055807	TriCB-(26)+(29)	2020/11/18					<0.0013	ng/g	NC	30
7099793	2,3-DiCB-(5)	2020/12/12					<0.00095	ng/g	NC	30
7099793	2,3'-DiCB-(6)	2020/12/12					<0.00074	ng/g	NC (2)	30
7099793	2,4-DiCB-(7)	2020/12/12					<0.00073	ng/g	NC	30
7099793	2,4'-DiCB-(8)	2020/12/12					0.00159, RDL=0.0098	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	2,5-DiCB-(9)	2020/12/12					<0.00076	ng/g	NC	30
7099793	2,6-DiCB-(10)	2020/12/12					<0.0023	ng/g	NC	30
7099793	22'33'44'55'6-NonaCB-(206)	2020/12/12	120	50 - 150	115	50 - 150	<0.0061 (2)	ng/g	2.2	30
7099793	22'33'44'55'-OctaCB-(194)	2020/12/12					0.0181, RDL=0.0098	ng/g	5.2	30
7099793	22'33'44'566'-NonaCB-(207)	2020/12/12					<0.0020	ng/g	NC	30
7099793	22'33'44'56-OctaCB-(195)	2020/12/12					0.0061, RDL=0.0098	ng/g	6.1	30
7099793	22'33'44'56'-OctaCB-(196)	2020/12/12					0.0091, RDL=0.0098	ng/g	5.6	30
7099793	22'33'44'5-HeptaCB-(170)	2020/12/12	114	50 - 150	143	50 - 150	0.0354, RDL=0.0098	ng/g	2.3	30
7099793	22'33'44'66'OctaCB-(197)	2020/12/12					<0.0021	ng/g	NC	30
7099793	22'33'455'66'-NonaCB-(208)	2020/12/12	110	50 - 150	107	50 - 150	<0.0026	ng/g	NC	30
7099793	22'33'455'-HeptaCB-(172)	2020/12/12					0.0082, RDL=0.0098	ng/g	3.5	30
7099793	22'33'4566'-OctaCB-(200)	2020/12/12					<0.0021	ng/g	NC	30
7099793	22'33'45'66'-OctaCB-(201)	2020/12/12					0.0043, RDL=0.0098	ng/g	2.3	30
7099793	22'33'456'-HeptaCB-(174)	2020/12/12					0.0232, RDL=0.0098	ng/g	4.8	30
7099793	22'33'45'6-HeptaCB-(175)	2020/12/12					<0.0018	ng/g	1.4	30
7099793	22'33'45'6'-HeptaCB-(177)	2020/12/12					0.0301, RDL=0.0098	ng/g	0.85	30
7099793	22'33'45'-HexaCB-(130)	2020/12/12					0.0173, RDL=0.0098	ng/g	5.0	30
7099793	22'33'466'-HeptaCB-(176)	2020/12/12					0.0042, RDL=0.0098	ng/g	1.8	30
7099793	22'33'46-HexaCB-(131)	2020/12/12					<0.0025	ng/g	3.9	30
7099793	22'33'46'-HexaCB-(132)	2020/12/12					0.0320, RDL=0.0098	ng/g	3.3	30
7099793	22'33'4-PentaCB-(82)	2020/12/12					0.0053, RDL=0.0098	ng/g	13	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	22'33'55'66'-OctaCB-(202)	2020/12/12	100	50 - 150	116	50 - 150	0.0113, RDL=0.0098	ng/g	4.5	30
7099793	22'33'55'6-HeptaCB-(178)	2020/12/12					0.0178, RDL=0.0098	ng/g	2.1	30
7099793	22'33'55'-HexaCB-(133)	2020/12/12					0.0069, RDL=0.0098	ng/g	3.8	30
7099793	22'33'566'-HeptaCB-(179)	2020/12/12					0.0152, RDL=0.0098	ng/g	2.3	30
7099793	22'33'66'-HexaCB-(136)	2020/12/12					0.0078, RDL=0.0098	ng/g	3.6	30
7099793	22'33'6-PentaCB-(84)	2020/12/12					0.0118, RDL=0.0098	ng/g	0.85	30
7099793	22'344'55'6-OctaCB-(203)	2020/12/12					0.0127, RDL=0.0098	ng/g	1.8	30
7099793	22'344'566'-OctaCB-(204)	2020/12/12					<0.0022	ng/g	NC	30
7099793	22'344'56-HeptaCB-(181)	2020/12/12					<0.0016	ng/g	NC	30
7099793	22'344'56'-HeptaCB-(182)	2020/12/12			87	50 - 150	<0.0018	ng/g	NC	30
7099793	22'344'5'6-HeptaCB-(183)	2020/12/12					0.0287, RDL=0.0098	ng/g	1.8	30
7099793	22'344'5-HexaCB-(137)	2020/12/12					0.0087, RDL=0.0098	ng/g	1.2	30
7099793	22'344'66'-HeptaCB-(184)	2020/12/12					<0.0012	ng/g	NC	30
7099793	22'3455'6-HeptaCB-(185)	2020/12/12					<0.0015	ng/g	NC	30
7099793	22'34'55'6-HeptaCB-(187)	2020/12/12			182 (1)	50 - 150	0.0945, RDL=0.0098	ng/g	1.8	30
7099793	22'3455'-HexaCB-(141)	2020/12/12					0.0219, RDL=0.0098	ng/g	4.7	30
7099793	22'34'55'-HexaCB-(146)	2020/12/12					0.0589, RDL=0.0098	ng/g	1.6	30
7099793	22'34566'-HeptaCB-(186)	2020/12/12					<0.0013	ng/g	NC	30
7099793	22'34'566'-HeptaCB-(188)	2020/12/12	109	50 - 150	106	50 - 150	<0.0017	ng/g	NC	30
7099793	22'3456-HexaCB-(142)	2020/12/12					<0.0023	ng/g	NC	30
7099793	22'345'6-HexaCB-(144)	2020/12/12					0.0042, RDL=0.0098	ng/g	2.6	30

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BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	22'34'56'-HexaCB-(148)	2020/12/12					<0.0015	ng/g	NC	30
7099793	22'3466'-HexaCB-(145)	2020/12/12					<0.0011	ng/g	NC	30
7099793	22'34'66'-HexaCB-(150)	2020/12/12					<0.0011	ng/g	NC	30
7099793	22'346'-PentaCB-(89)	2020/12/12					<0.0012	ng/g	NC	30
7099793	22'34'-TetraCB-(42)	2020/12/12					0.0064, RDL=0.0098	ng/g	1.1	30
7099793	22'355'-PentaCB-(92)	2020/12/12					0.0271, RDL=0.0098	ng/g	0.19	30
7099793	22'3566'-HexaCB-(152)	2020/12/12					<0.0010	ng/g	NC	30
7099793	22'356'-PentaCB-(94)	2020/12/12					<0.0011	ng/g	NC	30
7099793	22'35'6-PentaCB-(95)	2020/12/12					0.0413, RDL=0.0098	ng/g	0.95	30
7099793	22'35-TetraCB-(43)	2020/12/12					<0.0014	ng/g	16	30
7099793	22'366'-PentaCB-(96)	2020/12/12					<0.00052	ng/g	NC	30
7099793	22'36'-TetraCB-(46)	2020/12/12					<0.0011	ng/g	NC	30
7099793	22'3-TriCB-(16)	2020/12/12					<0.0014	ng/g	2.1	30
7099793	22'44'56'-HexaCB-(154)	2020/12/12					0.0056, RDL=0.0098	ng/g	0.61	30
7099793	22'44'66'-HexaCB-(155)	2020/12/12	99	50 - 150	106	50 - 150	<0.0013	ng/g	NC	30
7099793	22'45'6-PentaCB-(103)	2020/12/12					0.00129, RDL=0.0098	ng/g	3.3	30
7099793	22'45-TetraCB-(48)	2020/12/12					0.00212, RDL=0.0098	ng/g	2.5	30
7099793	22'466'-PentaCB-(104)	2020/12/12	103	50 - 150	105	50 - 150	<0.00051	ng/g	NC	30
7099793	22'4-TriCB-(17)	2020/12/12					<0.0011	ng/g	2.8	30
7099793	22'55'-TetraCB-(52)	2020/12/12					0.0602, RDL=0.0098	ng/g	0.091	30
7099793	22'66'-TetraCB-(54)	2020/12/12	103	50 - 150	103	50 - 150	<0.00071	ng/g	NC	30
7099793	22'6-TriCB-(19)	2020/12/12	109	50 - 150	107	50 - 150	<0.0011	ng/g	NC	30
7099793	22'-DiCB-(4)	2020/12/12	115	50 - 150	110	50 - 150	<0.0028	ng/g	NC (2)	30
7099793	233'44'55'6-OctaCB-(205)	2020/12/12	109	50 - 150	100	50 - 150	<0.0020	ng/g	NC	30
7099793	233'44'55'-HeptaCB-(189)	2020/12/12	98	50 - 150	101	50 - 150	<0.0015 (2)	ng/g	12	30

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			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	233'44'56-HeptaCB-(190)	2020/12/12					0.0079, RDL=0.0098	ng/g	2.0	30
7099793	233'44'5'6-HeptaCB-(191)	2020/12/12					0.0018, RDL=0.0098	ng/g	NC	30
7099793	233'44'6-HexaCB-(158)	2020/12/12					0.0169, RDL=0.0098	ng/g	0.27	30
7099793	233'44'-PentaCB-(105)	2020/12/12	NC	50 - 150	179 (1)	50 - 150	0.0659, RDL=0.0098	ng/g	3.0	30
7099793	233'455'6-HeptaCB-(192)	2020/12/12					<0.0014	ng/g	NC	30
7099793	233'455'-HexaCB-(159)	2020/12/12					<0.0022	ng/g	NC	30
7099793	233'4'55'-HexaCB-(162)	2020/12/12					<0.0021	ng/g	16	30
7099793	233'456-HexaCB-(160)	2020/12/12					<0.0017	ng/g	NC	30
7099793	233'45'6-HexaCB-(161)	2020/12/12					<0.0016	ng/g	NC	30
7099793	233'4'5'6-HexaCB-(164)	2020/12/12					0.0116, RDL=0.0098	ng/g	4.1	30
7099793	233'45-PentaCB-(106)	2020/12/12					<0.00090	ng/g	NC	30
7099793	233'4'5-PentaCB-(107)	2020/12/12					0.0131, RDL=0.0098	ng/g	0.99	30
7099793	233'4'5'-PentaCB-(122)	2020/12/12					<0.00097	ng/g	1.4	30
7099793	233'4'-Tetra CB(56)	2020/12/12					0.0063, RDL=0.0098	ng/g	0.88	30
7099793	233'4-TetraCB-(55)	2020/12/12					<0.0010	ng/g	NC	30
7099793	233'55'6-HexaCB-(165)	2020/12/12					<0.0017	ng/g	NC	30
7099793	233'55'-PentaCB-(111)	2020/12/12					<0.00084	ng/g	NC	30
7099793	233'56-PentaCB-(112)	2020/12/12					<0.00075	ng/g	NC	30
7099793	233'5-TetraCB-(57)	2020/12/12					<0.00099	ng/g	NC	30
7099793	233'5'-TetraCB-(58)	2020/12/12					<0.0010	ng/g	NC	30
7099793	23'44'55'-HexaCB-(167)	2020/12/12	106	50 - 150	106	50 - 150	0.0108, RDL=0.0098	ng/g	0.10	30
7099793	2344'5-PentaCB-(114)	2020/12/12	107	50 - 150	105	50 - 150	0.0038, RDL=0.0098	ng/g	8.5	30
7099793	23'44'5-PentaCB-(118)	2020/12/12	NC	50 - 150	295 (1)	50 - 150	0.182, RDL=0.0098	ng/g	1.5	30

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BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	23'44'5'-PentaCB-(123)	2020/12/12	86	50 - 150	112	50 - 150	0.0030, RDL=0.0098	ng/g	1.2	30
7099793	2344'-TetraCB -(60)	2020/12/12					0.0132, RDL=0.0098	ng/g	0.37	30
7099793	23'44'-TetraCB-(66)	2020/12/12					0.0588, RDL=0.0098	ng/g	1.8	30
7099793	23'455'-PentaCB-(120)	2020/12/12					<0.00085	ng/g	NC	30
7099793	23'45'6-PentaCB-(121)	2020/12/12					<0.00081	ng/g	NC	30
7099793	234'5-TetraCB-(63)	2020/12/12					0.00327, RDL=0.0098	ng/g	2.2	30
7099793	23'45-TetraCB-(67)	2020/12/12					<0.00087	ng/g	NC	30
7099793	23'45'-TetraCB-(68)	2020/12/12					<0.00089	ng/g	4.8	30
7099793	234'6-TetraCB-(64)	2020/12/12					0.0154, RDL=0.0098	ng/g	0.92	30
7099793	234'-TriCB-(22)	2020/12/12					0.00399, RDL=0.0098	ng/g	7.5	30
7099793	23'4-TriCB-(25)	2020/12/12					<0.00065	ng/g	NC	30
7099793	23'55'-TetraCB-(72)	2020/12/12					<0.00096	ng/g	0.93	30
7099793	23'5'6-TetraCB-(73)	2020/12/12					<0.00062	ng/g	NC	30
7099793	235-TriCB-(23)	2020/12/12					<0.00078	ng/g	NC	30
7099793	23'5'-TriCB-(34)	2020/12/12					<0.00071	ng/g	NC	30
7099793	236-TriCB-(24)	2020/12/12					<0.00074	ng/g	NC	30
7099793	23'6-TriCB-(27)	2020/12/12					<0.00085	ng/g	NC	30
7099793	24'5-TriCB-(31)	2020/12/12					0.0199, RDL=0.0098	ng/g	3.0	30
7099793	24'6-TriCB-(32)	2020/12/12					<0.00089 (2)	ng/g	NC	30
7099793	2-MonoCB-(1)	2020/12/12	112	50 - 150	109	50 - 150	<0.00058	ng/g	NC	30
7099793	3,3'-DiCB-(11)	2020/12/12					0.0188, RDL=0.0098	ng/g	NC	30
7099793	3,5-DiCB-(14)	2020/12/12					<0.00075	ng/g	NC	30
7099793	33'44'55'-HexaCB-(169)	2020/12/12	117	50 - 150	104	50 - 150	<0.0028	ng/g	NC	30
7099793	33'44'5-PentaCB-(126)	2020/12/12	114	50 - 150	99	50 - 150	<0.0010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	33'44'-TetraCB-(77)	2020/12/12	104	50 - 150	108	50 - 150	0.0045, RDL=0.0098	ng/g	2.5	30
7099793	33'455'-PentaCB-(127)	2020/12/12					<0.00092	ng/g	NC	30
7099793	33'45-TetraCB-(78)	2020/12/12					<0.0011	ng/g	NC	30
7099793	33'45'-TetraCB(79)	2020/12/12					0.00172, RDL=0.0098	ng/g	20	30
7099793	33'4-TriCB-(35)	2020/12/12					<0.00076	ng/g	NC	30
7099793	33'55'-TetraCB-(80)	2020/12/12					<0.00087	ng/g	NC	30
7099793	33'5-TriCB-(36)	2020/12/12					<0.00062	ng/g	NC	30
7099793	344'5-TetraCB-(81)	2020/12/12	111	50 - 150	102	50 - 150	<0.0014	ng/g	NC	30
7099793	344'-TriCB-(37)	2020/12/12	108	50 - 150	116	50 - 150	0.0092, RDL=0.0098	ng/g	NC	30
7099793	345-TriCB-(38)	2020/12/12					<0.00074	ng/g	NC	30
7099793	34'5-TriCB-(39)	2020/12/12					<0.00069	ng/g	NC	30
7099793	3-MonoCB-(2)	2020/12/12					<0.00048	ng/g	NC (2)	30
7099793	4,4'-DiCB-(15)	2020/12/12	101	50 - 150	108	50 - 150	0.0038, RDL=0.0098	ng/g	NC	30
7099793	4-MonoCB-(3)	2020/12/12	109	50 - 150	103	50 - 150	<0.00056	ng/g	NC (2)	30
7099793	DecaCB-(209)	2020/12/12	106	50 - 150	104	50 - 150	0.0033, RDL=0.0098	ng/g	NC	30
7099793	DiCB-(12)+(13)	2020/12/12					<0.00076	ng/g	NC	30
7099793	HeptaCB-(171)+(173)	2020/12/12					0.0149, RDL=0.020	ng/g	1.0	30
7099793	HeptaCB-(180)+(193)	2020/12/12	55	50 - 150	166 (1)	50 - 150	0.0846, RDL=0.020	ng/g	2.2	30
7099793	HexaCB-(128)+(166)	2020/12/12					0.0449, RDL=0.020	ng/g	1.8	30
7099793	HexaCB-(129)+(138)+(163)	2020/12/12					0.331, RDL=0.030	ng/g	0.87	30
7099793	HexaCB-(134)+(143)	2020/12/12					0.0049, RDL=0.020	ng/g	0.76	30
7099793	HexaCB-(135)+(151)	2020/12/12					0.0536, RDL=0.020	ng/g	2.5	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	HexaCB-(139)+(140)	2020/12/12					0.0026, RDL=0.020	ng/g	0.041	30
7099793	HexaCB-(147)+(149)	2020/12/12					0.162, RDL=0.020	ng/g	6.6	30
7099793	HexaCB-(153)+(168)	2020/12/12					0.315, RDL=0.0098	ng/g	1.1	30
7099793	HexaCB-(156)+(157)	2020/12/12	107	50 - 150	112	50 - 150	0.0245, RDL=0.020	ng/g	0.20	30
7099793	OctaCB-(198)+(199)	2020/12/12					0.0200, RDL=0.020	ng/g	1.5	30
7099793	PentaCB-(108)+(124)	2020/12/12					0.00388, RDL=0.020	ng/g	0.26	30
7099793	PentaCB-(110)+(115)	2020/12/12					0.117, RDL=0.020	ng/g	0.20	30
7099793	PentaCB-(83)+(99)	2020/12/12					0.131, RDL=0.020	ng/g	0.20	30
7099793	PentaCB-(85)+(116)+(117)	2020/12/12					0.0239, RDL=0.030	ng/g	2.7	30
7099793	PentaCB-(86)(87)(97)(109)(119)(125)	2020/12/12					0.0591, RDL=0.059	ng/g	0.22	30
7099793	PentaCB-(88)+(91)	2020/12/12					0.0112, RDL=0.020	ng/g	0.59	30
7099793	PentaCB-(90)+(101)+(113)	2020/12/12					0.157, RDL=0.030	ng/g	0.75	30
7099793	PentaCB-(93)+(98)+(100)+(102)	2020/12/12					<0.0011	ng/g	NC	30
7099793	TetraCB-(40)+(41)+(71)	2020/12/12					0.00615, RDL=0.030	ng/g	3.3	30
7099793	TetraCB-(44)+(47)+(65)	2020/12/12					0.0367, RDL=0.030	ng/g	0.28	30
7099793	TetraCB-(45)+(51)	2020/12/12					<0.00093	ng/g	NC	30
7099793	TetraCB-(49)+TetraCB-(69)	2020/12/12					0.0215, RDL=0.020	ng/g	0.91	30
7099793	TetraCB-(50)+(53)	2020/12/12					<0.00088	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7099793	TetraCB-(59)+(62)+(75)	2020/12/12					0.00222, RDL=0.030	ng/g	NC	30
7099793	TetraCB-(61)+(70)+(74)+(76)	2020/12/12					0.0944, RDL=0.039	ng/g	1.9	30
7099793	TriCB-(18)+(30)	2020/12/12					0.00284, RDL=0.020	ng/g	0.90	30
7099793	TriCB-(20) + (28)	2020/12/12					0.0345, RDL=0.020	ng/g	5.0	30
7099793	TriCB-(21)+(33)	2020/12/12					0.00242, RDL=0.020	ng/g	NC	30
7099793	TriCB-(26)+(29)	2020/12/12					0.00128, RDL=0.020	ng/g	NC	30
7147727	2,3-DiCB-(5)	2021/02/01					<0.0025	ng/g	NC	30
7147727	2,3'-DiCB-(6)	2021/02/01					<0.0018	ng/g	NC	30
7147727	2,4-DiCB-(7)	2021/02/01					<0.0018	ng/g	NC	30
7147727	2,4'-DiCB-(8)	2021/02/01					<0.0015	ng/g	NC	30
7147727	2,5-DiCB-(9)	2021/02/01					<0.0019	ng/g	NC	30
7147727	2,6-DiCB-(10)	2021/02/01					<0.0047	ng/g	NC	30
7147727	22'33'44'55'6-NonaCB-(206)	2021/02/01	95	50 - 150	95	50 - 150	<0.0020	ng/g	NC (2)	30
7147727	22'33'44'55'-OctaCB-(194)	2021/02/01					<0.0013	ng/g	19	30
7147727	22'33'44'566'-NonaCB-(207)	2021/02/01					<0.0018	ng/g	NC	30
7147727	22'33'44'56-OctaCB-(195)	2021/02/01					<0.0014	ng/g	NC	30
7147727	22'33'44'56'-OctaCB-(196)	2021/02/01					<0.0014	ng/g	NC (2)	30
7147727	22'33'44'5-HeptaCB-(170)	2021/02/01	88	50 - 150	90	50 - 150	<0.0025	ng/g	16 (3)	30
7147727	22'33'44'66'OctaCB-(197)	2021/02/01					<0.0013	ng/g	NC	30
7147727	22'33'455'66'-NonaCB-(208)	2021/02/01	93	50 - 150	100	50 - 150	<0.0021	ng/g	NC	30
7147727	22'33'455'-HeptaCB-(172)	2021/02/01					<0.0033	ng/g	NC	30
7147727	22'33'4566'-OctaCB-(200)	2021/02/01					<0.00081	ng/g	NC	30
7147727	22'33'45'66'-OctaCB-(201)	2021/02/01					<0.0010	ng/g	NC	30
7147727	22'33'456'-HeptaCB-(174)	2021/02/01					<0.0030	ng/g	3.2	30
7147727	22'33'45'6-HeptaCB-(175)	2021/02/01					<0.0046	ng/g	NC	30
7147727	22'33'45'6'-HeptaCB-(177)	2021/02/01					<0.0032	ng/g	NC (2)	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	22'33'45'-HexaCB-(130)	2021/02/01					<0.0024	ng/g	2.5	30
7147727	22'33'466'-HeptaCB-(176)	2021/02/01					<0.0034	ng/g	NC	30
7147727	22'33'46-HexaCB-(131)	2021/02/01					<0.0022	ng/g	NC	30
7147727	22'33'46'-HexaCB-(132)	2021/02/01					<0.0023	ng/g	NC (2)	30
7147727	22'33'4-PentaCB-(82)	2021/02/01					<0.0028	ng/g	NC	30
7147727	22'33'55'66'-OctaCB-(202)	2021/02/01	90	50 - 150	99	50 - 150	<0.00081	ng/g	NC	30
7147727	22'33'55'6-HeptaCB-(178)	2021/02/01					<0.0048	ng/g	15	30
7147727	22'33'55'-HexaCB-(133)	2021/02/01					<0.0021	ng/g	22	30
7147727	22'33'566'-HeptaCB-(179)	2021/02/01					<0.0033	ng/g	NC	30
7147727	22'33'66'-HexaCB-(136)	2021/02/01					<0.0024	ng/g	NC	30
7147727	22'33'6-PentaCB-(84)	2021/02/01					<0.0028	ng/g	NC	30
7147727	22'344'55'6-OctaCB-(203)	2021/02/01					<0.0013	ng/g	11	30
7147727	22'344'566'-OctaCB-(204)	2021/02/01					<0.0010	ng/g	NC	30
7147727	22'344'56-HeptaCB-(181)	2021/02/01					<0.0031	ng/g	NC	30
7147727	22'344'56'-HeptaCB-(182)	2021/02/01					<0.0043	ng/g	NC	30
7147727	22'344'5'6-HeptaCB-(183)	2021/02/01					<0.0034	ng/g	21	30
7147727	22'344'5-HexaCB-(137)	2021/02/01					<0.0025	ng/g	6.7 (2)	30
7147727	22'344'66'-HeptaCB-(184)	2021/02/01					<0.0032	ng/g	NC	30
7147727	22'3455'6-HeptaCB-(185)	2021/02/01					<0.0026	ng/g	NC	30
7147727	22'34'55'6-HeptaCB-(187)	2021/02/01					<0.0043	ng/g	23	30
7147727	22'3455'-HexaCB-(141)	2021/02/01					<0.0020	ng/g	NC (2)	30
7147727	22'34'55'-HexaCB-(146)	2021/02/01					<0.0019	ng/g	21	30
7147727	22'34566'-HeptaCB-(186)	2021/02/01					<0.0035	ng/g	NC	30
7147727	22'34'566'-HeptaCB-(188)	2021/02/01	91	50 - 150	98	50 - 150	<0.0025	ng/g	NC	30
7147727	22'3456-HexaCB-(142)	2021/02/01					<0.0022	ng/g	NC	30
7147727	22'345'6-HexaCB-(144)	2021/02/01					<0.0031	ng/g	NC (2)	30
7147727	22'34'56'-HexaCB-(148)	2021/02/01					<0.0031	ng/g	NC	30
7147727	22'3466'-HexaCB-(145)	2021/02/01					<0.0024	ng/g	NC	30
7147727	22'34'66'-HexaCB-(150)	2021/02/01					<0.0024	ng/g	NC	30
7147727	22'346'-PentaCB-(89)	2021/02/01					<0.0027	ng/g	NC	30
7147727	22'34'-TetraCB-(42)	2021/02/01					<0.0014	ng/g	NC (2)	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	22'355'-PentaCB-(92)	2021/02/01					<0.0026	ng/g	23	30
7147727	22'3566'-HexaCB-(152)	2021/02/01					<0.0023	ng/g	NC	30
7147727	22'356'-PentaCB-(94)	2021/02/01					<0.0027	ng/g	NC	30
7147727	22'35'6-PentaCB-(95)	2021/02/01					<0.0025	ng/g	20	30
7147727	22'35-TetraCB-(43)	2021/02/01					<0.0018	ng/g	NC	30
7147727	22'366'-PentaCB-(96)	2021/02/01					<0.00092	ng/g	NC	30
7147727	22'36'-TetraCB-(46)	2021/02/01					<0.0016	ng/g	NC	30
7147727	22'3-TriCB-(16)	2021/02/01					<0.0044	ng/g	NC	30
7147727	22'44'56'-HexaCB-(154)	2021/02/01					<0.0027	ng/g	NC	30
7147727	22'44'66'-HexaCB-(155)	2021/02/01	95	50 - 150	104	50 - 150	<0.0012	ng/g	NC	30
7147727	22'45'6-PentaCB-(103)	2021/02/01					<0.0023	ng/g	NC	30
7147727	22'45-TetraCB-(48)	2021/02/01					<0.0014	ng/g	NC	30
7147727	22'466'-PentaCB-(104)	2021/02/01	87	50 - 150	101	50 - 150	<0.00045	ng/g	NC	30
7147727	22'4-TriCB-(17)	2021/02/01					<0.0023	ng/g	NC	30
7147727	22'55'-TetraCB-(52)	2021/02/01					<0.0014	ng/g	16	30
7147727	22'66'-TetraCB-(54)	2021/02/01	92	50 - 150	105	50 - 150	<0.0010	ng/g	NC	30
7147727	22'6-TriCB-(19)	2021/02/01	93	50 - 150	108	50 - 150	<0.0015	ng/g	NC	30
7147727	22'-DiCB-(4)	2021/02/01	91	50 - 150	99	50 - 150	<0.0036	ng/g	NC	30
7147727	233'44'55'6-OctaCB-(205)	2021/02/01	92	50 - 150	96	50 - 150	<0.0015	ng/g	NC	30
7147727	233'44'55'-HeptaCB-(189)	2021/02/01	94	50 - 150	98	50 - 150	<0.0012	ng/g	NC	30
7147727	233'44'56-HeptaCB-(190)	2021/02/01					<0.0024	ng/g	NC	30
7147727	233'44'5'6-HeptaCB-(191)	2021/02/01					<0.0024	ng/g	NC	30
7147727	233'44'6-HexaCB-(158)	2021/02/01					<0.0014	ng/g	13	30
7147727	233'44'-PentaCB-(105)	2021/02/01	78	50 - 150	98	50 - 150	<0.0012	ng/g	24	30
7147727	233'455'6-HeptaCB-(192)	2021/02/01					<0.0026	ng/g	NC	30
7147727	233'455'-HexaCB-(159)	2021/02/01					<0.0012	ng/g	NC	30
7147727	233'4'55'-HexaCB-(162)	2021/02/01					<0.0012	ng/g	NC	30
7147727	233'456-HexaCB-(160)	2021/02/01					<0.0015	ng/g	NC	30
7147727	233'45'6-HexaCB-(161)	2021/02/01					<0.0015	ng/g	NC	30
7147727	233'4'5'6-HexaCB-(164)	2021/02/01					<0.0014	ng/g	NC (2)	30
7147727	233'45-PentaCB-(106)	2021/02/01					<0.0010	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	233'4'5-PentaCB-(107)	2021/02/01					<0.00090	ng/g	NC	30
7147727	233'4'5'-PentaCB-(122)	2021/02/01					<0.0011	ng/g	NC	30
7147727	233'4'-Tetra CB(56)	2021/02/01					<0.0010	ng/g	NC	30
7147727	233'4-TetraCB-(55)	2021/02/01					<0.00099	ng/g	NC	30
7147727	233'55'6-HexaCB-(165)	2021/02/01					<0.0017	ng/g	NC	30
7147727	233'55'-PentaCB-(111)	2021/02/01					<0.0019	ng/g	NC	30
7147727	233'56-PentaCB-(112)	2021/02/01					<0.0016	ng/g	NC	30
7147727	233'5-TetraCB-(57)	2021/02/01					<0.0010	ng/g	NC	30
7147727	233'5'-TetraCB-(58)	2021/02/01					<0.0010	ng/g	NC	30
7147727	23'44'55'-HexaCB-(167)	2021/02/01	84	50 - 150	99	50 - 150	<0.0015	ng/g	15	30
7147727	2344'5-PentaCB-(114)	2021/02/01	94	50 - 150	101	50 - 150	<0.0012	ng/g	NC	30
7147727	23'44'5-PentaCB-(118)	2021/02/01	66	50 - 150	97	50 - 150	<0.0012	ng/g	19	30
7147727	23'44'5'-PentaCB-(123)	2021/02/01	103	50 - 150	101	50 - 150	<0.0013	ng/g	NC	30
7147727	2344'-TetraCB -(60)	2021/02/01					<0.0010	ng/g	12	30
7147727	23'44'-TetraCB-(66)	2021/02/01					<0.00099	ng/g	14	30
7147727	23'455'-PentaCB-(120)	2021/02/01					<0.0018	ng/g	NC	30
7147727	23'45'6-PentaCB-(121)	2021/02/01					<0.0019	ng/g	NC	30
7147727	234'5-TetraCB-(63)	2021/02/01					<0.00095	ng/g	NC (2)	30
7147727	23'45-TetraCB-(67)	2021/02/01					<0.00089	ng/g	NC	30
7147727	23'45'-TetraCB-(68)	2021/02/01					<0.00092	ng/g	NC (2)	30
7147727	234'6-TetraCB-(64)	2021/02/01					<0.0010	ng/g	15	30
7147727	234'-TriCB-(22)	2021/02/01					<0.0012	ng/g	NC	30
7147727	23'4-TriCB-(25)	2021/02/01					<0.00098	ng/g	NC	30
7147727	23'55'-TetraCB-(72)	2021/02/01					<0.00096	ng/g	NC (2)	30
7147727	23'5'6-TetraCB-(73)	2021/02/01					<0.00095	ng/g	NC	30
7147727	235-TriCB-(23)	2021/02/01					<0.0012	ng/g	NC	30
7147727	23'5'-TriCB-(34)	2021/02/01					<0.0012	ng/g	NC	30
7147727	236-TriCB-(24)	2021/02/01					<0.0015	ng/g	NC	30
7147727	23'6-TriCB-(27)	2021/02/01					<0.0015	ng/g	NC	30
7147727	24'5-TriCB-(31)	2021/02/01					<0.0011	ng/g	0.62	30
7147727	24'6-TriCB-(32)	2021/02/01					<0.0016	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	2-MonoCB-(1)	2021/02/01	93	50 - 150	102	50 - 150	<0.00041	ng/g	NC	30
7147727	3,3'-DiCB-(11)	2021/02/01					0.0098, RDL=0.010	ng/g	13	30
7147727	3,5-DiCB-(14)	2021/02/01					<0.0019	ng/g	NC	30
7147727	33'44'55'-HexaCB-(169)	2021/02/01	100	50 - 150	102	50 - 150	<0.0016	ng/g	NC	30
7147727	33'44'5-PentaCB-(126)	2021/02/01	96	50 - 150	101	50 - 150	<0.0012	ng/g	NC	30
7147727	33'44'-TetraCB-(77)	2021/02/01	93	50 - 150	93	50 - 150	<0.0014	ng/g	NC	30
7147727	33'455'-PentaCB-(127)	2021/02/01					<0.00099	ng/g	NC	30
7147727	33'45-TetraCB-(78)	2021/02/01					<0.0010	ng/g	NC	30
7147727	33'45'-TetraCB(79)	2021/02/01					<0.00089	ng/g	NC	30
7147727	33'4-TriCB-(35)	2021/02/01					<0.0012	ng/g	NC	30
7147727	33'55'-TetraCB-(80)	2021/02/01					<0.00088	ng/g	NC	30
7147727	33'5-TriCB-(36)	2021/02/01					<0.0010	ng/g	NC	30
7147727	344'5-TetraCB-(81)	2021/02/01	91	50 - 150	101	50 - 150	<0.0013	ng/g	NC	30
7147727	344'-TriCB-(37)	2021/02/01	89	50 - 150	100	50 - 150	<0.0019	ng/g	NC	30
7147727	345-TriCB-(38)	2021/02/01					<0.0012	ng/g	NC	30
7147727	34'5-TriCB-(39)	2021/02/01					<0.0011	ng/g	NC	30
7147727	3-MonoCB-(2)	2021/02/01					<0.00046 (2)	ng/g	NC	30
7147727	4,4'-DiCB-(15)	2021/02/01	91	50 - 150	98	50 - 150	<0.0030	ng/g	NC	30
7147727	4-MonoCB-(3)	2021/02/01	97	50 - 150	110	50 - 150	<0.00046 (2)	ng/g	NC	30
7147727	DecaCB-(209)	2021/02/01	93	50 - 150	93	50 - 150	<0.0019	ng/g	NC	30
7147727	DiCB-(12)+(13)	2021/02/01					<0.0018	ng/g	NC	30
7147727	HeptaCB-(171)+(173)	2021/02/01					<0.0032	ng/g	NC (2)	30
7147727	HeptaCB-(180)+(193)	2021/02/01	58	50 - 150	82	50 - 150	<0.0025	ng/g	18	30
7147727	HexaCB-(128)+(166)	2021/02/01					<0.0018	ng/g	19	30
7147727	HexaCB-(129)+(138)+(163)	2021/02/01					0.0020, RDL=0.030	ng/g	20	30
7147727	HexaCB-(134)+(143)	2021/02/01					<0.0023	ng/g	NC	30
7147727	HexaCB-(135)+(151)	2021/02/01					<0.0031	ng/g	21	30
7147727	HexaCB-(139)+(140)	2021/02/01					<0.0019	ng/g	NC (2)	30
7147727	HexaCB-(147)+(149)	2021/02/01					<0.0020	ng/g	11	30
7147727	HexaCB-(153)+(168)	2021/02/01					<0.0023 (2)	ng/g	21	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7147727	HexaCB-(156)+(157)	2021/02/01	93	50 - 150	100	50 - 150	<0.0016	ng/g	22	30
7147727	OctaCB-(198)+(199)	2021/02/01					<0.0014	ng/g	NC	30
7147727	PentaCB-(108)+(124)	2021/02/01					<0.0010	ng/g	NC	30
7147727	PentaCB-(110)+(115)	2021/02/01					<0.0019	ng/g	25	30
7147727	PentaCB-(83)+(99)	2021/02/01					<0.0028	ng/g	22	30
7147727	PentaCB-(85)+(116)+(117)	2021/02/01					<0.0020	ng/g	6.4	30
7147727	PentaCB-(86)(87)(97)(109)(119)(125)	2021/02/01					<0.0021	ng/g	NC	30
7147727	PentaCB-(88)+(91)	2021/02/01					<0.0025	ng/g	NC	30
7147727	PentaCB-(90)+(101)+(113)	2021/02/01					<0.0021	ng/g	24	30
7147727	PentaCB-(93)+(98)+(100)+(102)	2021/02/01					<0.0024	ng/g	NC	30
7147727	TetraCB-(40)+(41)+(71)	2021/02/01					<0.0013	ng/g	NC	30
7147727	TetraCB-(44)+(47)+(65)	2021/02/01					<0.0012	ng/g	11	30
7147727	TetraCB-(45)+(51)	2021/02/01					<0.0014	ng/g	NC	30
7147727	TetraCB-(49)+TetraCB-(69)	2021/02/01					<0.0011	ng/g	9.7	30
7147727	TetraCB-(50)+(53)	2021/02/01					<0.0013	ng/g	NC	30
7147727	TetraCB-(59)+(62)+(75)	2021/02/01					<0.0010	ng/g	NC	30
7147727	TetraCB-(61)+(70)+(74)+(76)	2021/02/01					<0.00096	ng/g	14	30
7147727	TriCB-(18)+(30)	2021/02/01					<0.0019	ng/g	NC	30
7147727	TriCB-(20) + (28)	2021/02/01					<0.0011	ng/g	NC	30
7147727	TriCB-(21)+(33)	2021/02/01					<0.0011	ng/g	NC	30
7147727	TriCB-(26)+(29)	2021/02/01					<0.0012	ng/g	NC	30
7162464	2,3-DiCB-(5)	2021/02/03					<0.0040	ng/g	NC	30
7162464	2,3'-DiCB-(6)	2021/02/03					<0.0033	ng/g	NC	30
7162464	2,4-DiCB-(7)	2021/02/03					<0.0032	ng/g	NC	30
7162464	2,4'-DiCB-(8)	2021/02/03					<0.0028	ng/g	NC	30
7162464	2,5-DiCB-(9)	2021/02/03					<0.0033	ng/g	NC	30
7162464	2,6-DiCB-(10)	2021/02/03					<0.0075	ng/g	NC	30
7162464	22'33'44'55'6-NonaCB-(206)	2021/02/03	102	50 - 150	104	50 - 150	0.0072, RDL=0.0099	ng/g	NC	30
7162464	22'33'44'55'-OctaCB-(194)	2021/02/03					0.0162, RDL=0.0099	ng/g	NC	30
7162464	22'33'44'566'-NonaCB-(207)	2021/02/03					<0.0032	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	22'33'44'56-OctaCB-(195)	2021/02/03					0.0063, RDL=0.0099	ng/g	NC	30
7162464	22'33'44'56'-OctaCB-(196)	2021/02/03					0.0098, RDL=0.0099	ng/g	NC	30
7162464	22'33'44'5-HeptaCB-(170)	2021/02/03	99	50 - 150	130	50 - 150	0.0332, RDL=0.0099	ng/g	28	30
7162464	22'33'44'66'OctaCB-(197)	2021/02/03					<0.0025	ng/g	NC	30
7162464	22'33'455'66'-NonaCB-(208)	2021/02/03	101	50 - 150	97	50 - 150	<0.0037	ng/g	NC	30
7162464	22'33'455'-HeptaCB-(172)	2021/02/03					0.0083, RDL=0.0099	ng/g	NC	30
7162464	22'33'4566'-OctaCB-(200)	2021/02/03					<0.0022	ng/g	NC	30
7162464	22'33'45'66'-OctaCB-(201)	2021/02/03					0.0061, RDL=0.0099	ng/g	NC	30
7162464	22'33'456'-HeptaCB-(174)	2021/02/03					<0.026 (2)	ng/g	NC	30
7162464	22'33'45'6-HeptaCB-(175)	2021/02/03					<0.0065	ng/g	NC	30
7162464	22'33'45'6'-HeptaCB-(177)	2021/02/03					0.0361, RDL=0.0099	ng/g	NC	30
7162464	22'33'45'-HexaCB-(130)	2021/02/03					0.0186, RDL=0.0099	ng/g	NC	30
7162464	22'33'466'-HeptaCB-(176)	2021/02/03					0.0052, RDL=0.0099	ng/g	NC	30
7162464	22'33'46-HexaCB-(131)	2021/02/03					<0.0030	ng/g	NC	30
7162464	22'33'46'-HexaCB-(132)	2021/02/03					0.0396, RDL=0.0099	ng/g	NC	30
7162464	22'33'4-PentaCB-(82)	2021/02/03					0.0058, RDL=0.0099	ng/g	NC	30
7162464	22'33'55'66'-OctaCB-(202)	2021/02/03	104	50 - 150	112	50 - 150	0.0101, RDL=0.0099	ng/g	NC	30
7162464	22'33'55'6-HeptaCB-(178)	2021/02/03					0.0226, RDL=0.0099	ng/g	NC	30
7162464	22'33'55'-HexaCB-(133)	2021/02/03					<0.0067 (2)	ng/g	NC	30
7162464	22'33'566'-HeptaCB-(179)	2021/02/03					0.0203, RDL=0.0099	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	22'33'66'-HexaCB-(136)	2021/02/03					0.0103, RDL=0.0099	ng/g	NC	30
7162464	22'33'6-PentaCB-(84)	2021/02/03					0.0162, RDL=0.0099	ng/g	NC	30
7162464	22'344'55'6-OctaCB-(203)	2021/02/03					<0.012 (2)	ng/g	NC	30
7162464	22'344'566'-OctaCB-(204)	2021/02/03					<0.0024	ng/g	NC	30
7162464	22'344'56-HeptaCB-(181)	2021/02/03					<0.0043	ng/g	NC	30
7162464	22'344'56'-HeptaCB-(182)	2021/02/03					<0.0062	ng/g	NC	30
7162464	22'344'5'6-HeptaCB-(183)	2021/02/03					0.0382, RDL=0.0099	ng/g	26	30
7162464	22'344'5-HexaCB-(137)	2021/02/03					0.0110, RDL=0.0099	ng/g	13	30
7162464	22'344'66'-HeptaCB-(184)	2021/02/03					<0.0046	ng/g	NC	30
7162464	22'3455'6-HeptaCB-(185)	2021/02/03					<0.0035	ng/g	NC	30
7162464	22'34'55'6-HeptaCB-(187)	2021/02/03					0.122, RDL=0.0099	ng/g	24	30
7162464	22'3455'-HexaCB-(141)	2021/02/03					<0.020 (2)	ng/g	NC	30
7162464	22'34'55'-HexaCB-(146)	2021/02/03					0.0733, RDL=0.0099	ng/g	119 (1)	30
7162464	22'34566'-HeptaCB-(186)	2021/02/03					<0.0051	ng/g	NC	30
7162464	22'34'566'-HeptaCB-(188)	2021/02/03	98	50 - 150	99	50 - 150	<0.0037	ng/g	NC	30
7162464	22'3456-HexaCB-(142)	2021/02/03					<0.0029	ng/g	NC	30
7162464	22'345'6-HexaCB-(144)	2021/02/03					0.0053, RDL=0.0099	ng/g	NC	30
7162464	22'34'56'-HexaCB-(148)	2021/02/03					<0.0047	ng/g	NC	30
7162464	22'3466'-HexaCB-(145)	2021/02/03					<0.0036	ng/g	NC	30
7162464	22'34'66'-HexaCB-(150)	2021/02/03					<0.0035	ng/g	NC	30
7162464	22'346'-PentaCB-(89)	2021/02/03					<0.0038	ng/g	NC	30
7162464	22'34'-TetraCB-(42)	2021/02/03					0.0066, RDL=0.0099	ng/g	NC	30
7162464	22'355'-PentaCB-(92)	2021/02/03					0.0351, RDL=0.0099	ng/g	26	30
7162464	22'3566'-HexaCB-(152)	2021/02/03					<0.0033	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	22'356'-PentaCB-(94)	2021/02/03					<0.0038	ng/g	NC	30
7162464	22'35'6-PentaCB-(95)	2021/02/03					0.0592, RDL=0.0099	ng/g	29	30
7162464	22'35-TetraCB-(43)	2021/02/03					<0.0045	ng/g	NC	30
7162464	22'366'-PentaCB-(96)	2021/02/03					<0.0014	ng/g	NC	30
7162464	22'36'-TetraCB-(46)	2021/02/03					<0.0038	ng/g	NC	30
7162464	22'3-TriCB-(16)	2021/02/03					<0.0094	ng/g	NC	30
7162464	22'44'56'-HexaCB-(154)	2021/02/03					0.0081, RDL=0.0099	ng/g	NC	30
7162464	22'44'66'-HexaCB-(155)	2021/02/03	105	50 - 150	107	50 - 150	<0.0018	ng/g	NC	30
7162464	22'45'6-PentaCB-(103)	2021/02/03					<0.0033	ng/g	NC	30
7162464	22'45-TetraCB-(48)	2021/02/03					<0.0034	ng/g	NC	30
7162464	22'466'-PentaCB-(104)	2021/02/03	101	50 - 150	103	50 - 150	<0.00072	ng/g	NC	30
7162464	22'4-TriCB-(17)	2021/02/03					<0.0043	ng/g	NC	30
7162464	22'55'-TetraCB-(52)	2021/02/03					0.0823, RDL=0.0099	ng/g	28	30
7162464	22'66'-TetraCB-(54)	2021/02/03	102	50 - 150	98	50 - 150	<0.0017	ng/g	NC	30
7162464	22'6-TriCB-(19)	2021/02/03	102	50 - 150	102	50 - 150	<0.0028	ng/g	NC	30
7162464	22'-DiCB-(4)	2021/02/03	104	50 - 150	101	50 - 150	<0.0057	ng/g	NC	30
7162464	233'44'55'6-OctaCB-(205)	2021/02/03	103	50 - 150	107	50 - 150	<0.0026	ng/g	NC	30
7162464	233'44'55'-HeptaCB-(189)	2021/02/03	100	50 - 150	106	50 - 150	<0.0025	ng/g	NC	30
7162464	233'44'56-HeptaCB-(190)	2021/02/03					0.0083, RDL=0.0099	ng/g	NC	30
7162464	233'44'5'6-HeptaCB-(191)	2021/02/03					<0.0034	ng/g	NC	30
7162464	233'44'6-HexaCB-(158)	2021/02/03					<0.016 (2)	ng/g	NC	30
7162464	233'44'-PentaCB-(105)	2021/02/03	102	50 - 150	172 (1)	50 - 150	0.0687, RDL=0.0099	ng/g	17	30
7162464	233'455'6-HeptaCB-(192)	2021/02/03					<0.0036	ng/g	NC	30
7162464	233'455'-HexaCB-(159)	2021/02/03					<0.0015	ng/g	NC	30
7162464	233'4'55'-HexaCB-(162)	2021/02/03					<0.0014	ng/g	NC	30
7162464	233'456-HexaCB-(160)	2021/02/03					<0.0023	ng/g	NC	30
7162464	233'45'6-HexaCB-(161)	2021/02/03					<0.0020	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	233'4'5'6-HexaCB-(164)	2021/02/03					0.0125, RDL=0.0099	ng/g	NC	30
7162464	233'45-PentaCB-(106)	2021/02/03					<0.0017	ng/g	NC	30
7162464	233'4'5-PentaCB-(107)	2021/02/03					0.0158, RDL=0.0099	ng/g	NC	30
7162464	233'4'5'-PentaCB-(122)	2021/02/03					<0.0019	ng/g	NC	30
7162464	233'4'-Tetra CB(56)	2021/02/03					<0.0055 (2)	ng/g	NC	30
7162464	233'4-TetraCB-(55)	2021/02/03					<0.0018	ng/g	NC	30
7162464	233'55'6-HexaCB-(165)	2021/02/03					<0.0022	ng/g	NC	30
7162464	233'55'-PentaCB-(111)	2021/02/03					<0.0027	ng/g	NC	30
7162464	233'56-PentaCB-(112)	2021/02/03					<0.0024	ng/g	NC	30
7162464	233'5-TetraCB-(57)	2021/02/03					<0.0019	ng/g	NC	30
7162464	233'5'-TetraCB-(58)	2021/02/03					<0.0019	ng/g	NC	30
7162464	23'44'55'-HexaCB-(167)	2021/02/03	108	50 - 150	111	50 - 150	0.0104, RDL=0.0099	ng/g	NC	30
7162464	2344'5-PentaCB-(114)	2021/02/03	103	50 - 150	107	50 - 150	0.0040, RDL=0.0099	ng/g	NC	30
7162464	23'44'5-PentaCB-(118)	2021/02/03	100	50 - 150	294 (1)	50 - 150	0.191, RDL=0.0099	ng/g	29	30
7162464	23'44'5'-PentaCB-(123)	2021/02/03	106	50 - 150	109	50 - 150	<0.0023 (2)	ng/g	NC	30
7162464	2344'-TetraCB -(60)	2021/02/03					0.0133, RDL=0.0099	ng/g	NC	30
7162464	23'44'-TetraCB-(66)	2021/02/03					0.0709, RDL=0.0099	ng/g	24	30
7162464	23'455'-PentaCB-(120)	2021/02/03					<0.0026	ng/g	NC	30
7162464	23'45'6-PentaCB-(121)	2021/02/03					<0.0027	ng/g	NC	30
7162464	234'5-TetraCB-(63)	2021/02/03					<0.0040 (2)	ng/g	NC	30
7162464	23'45-TetraCB-(67)	2021/02/03					<0.0017	ng/g	NC	30
7162464	23'45'-TetraCB-(68)	2021/02/03					<0.0017	ng/g	NC	30
7162464	234'6-TetraCB-(64)	2021/02/03					0.0180, RDL=0.0099	ng/g	NC	30
7162464	234'-TriCB-(22)	2021/02/03					<0.0037 (2)	ng/g	NC	30
7162464	23'4-TriCB-(25)	2021/02/03					<0.0012	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	23'55'-TetraCB-(72)	2021/02/03					<0.0018	ng/g	NC	30
7162464	23'5'6-TetraCB-(73)	2021/02/03					<0.0023	ng/g	NC	30
7162464	235-TriCB-(23)	2021/02/03					<0.0015	ng/g	NC	30
7162464	23'5'-TriCB-(34)	2021/02/03					<0.0013	ng/g	NC	30
7162464	236-TriCB-(24)	2021/02/03					<0.0024	ng/g	NC	30
7162464	23'6-TriCB-(27)	2021/02/03					<0.0035	ng/g	NC	30
7162464	24'5-TriCB-(31)	2021/02/03					0.0211, RDL=0.0099	ng/g	NC (2)	30
7162464	24'6-TriCB-(32)	2021/02/03					<0.0030	ng/g	NC	30
7162464	2-MonoCB-(1)	2021/02/03	104	50 - 150	105	50 - 150	<0.00056	ng/g	NC	30
7162464	3,3'-DiCB-(11)	2021/02/03					0.0250, RDL=0.0099	ng/g	NC	30
7162464	3,5-DiCB-(14)	2021/02/03					<0.0033	ng/g	NC	30
7162464	33'44'55'-HexaCB-(169)	2021/02/03	104	50 - 150	100	50 - 150	<0.0019	ng/g	NC	30
7162464	33'44'5-PentaCB-(126)	2021/02/03	108	50 - 150	109	50 - 150	<0.0020	ng/g	NC	30
7162464	33'44'-TetraCB-(77)	2021/02/03	109	50 - 150	107	50 - 150	0.0046, RDL=0.0099	ng/g	NC	30
7162464	33'455'-PentaCB-(127)	2021/02/03					<0.0017	ng/g	NC	30
7162464	33'45-TetraCB-(78)	2021/02/03					<0.0019	ng/g	NC	30
7162464	33'45'-TetraCB(79)	2021/02/03					<0.0017	ng/g	NC	30
7162464	33'4-TriCB-(35)	2021/02/03					<0.0014	ng/g	NC	30
7162464	33'55'-TetraCB-(80)	2021/02/03					<0.0017	ng/g	NC	30
7162464	33'5-TriCB-(36)	2021/02/03					<0.0012	ng/g	NC	30
7162464	344'5-TetraCB-(81)	2021/02/03	108	50 - 150	102	50 - 150	<0.0025	ng/g	NC	30
7162464	344'-TriCB-(37)	2021/02/03	99	50 - 150	101	50 - 150	<0.0073 (2)	ng/g	NC	30
7162464	345-TriCB-(38)	2021/02/03					<0.0014	ng/g	NC	30
7162464	34'5-TriCB-(39)	2021/02/03					<0.0013	ng/g	NC	30
7162464	3-MonoCB-(2)	2021/02/03					<0.0013	ng/g	NC	30
7162464	4,4'-DiCB-(15)	2021/02/03	100	50 - 150	102	50 - 150	<0.0053	ng/g	NC	30
7162464	4-MonoCB-(3)	2021/02/03	105	50 - 150	103	50 - 150	<0.0014 (2)	ng/g	NC	30
7162464	DecaCB-(209)	2021/02/03	93	50 - 150	98	50 - 150	<0.0048	ng/g	NC	30
7162464	DiCB-(12)+(13)	2021/02/03					<0.0033	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	HeptaCB-(171)+(173)	2021/02/03					<0.013 (2)	ng/g	NC	30
7162464	HeptaCB-(180)+(193)	2021/02/03	81	50 - 150	183 (1)	50 - 150	0.0883, RDL=0.020	ng/g	28	30
7162464	HexaCB-(128)+(166)	2021/02/03					0.0474, RDL=0.020	ng/g	19	30
7162464	HexaCB-(129)+(138)+(163)	2021/02/03					0.334, RDL=0.030	ng/g	25	30
7162464	HexaCB-(134)+(143)	2021/02/03					<0.0073 (2)	ng/g	NC	30
7162464	HexaCB-(135)+(151)	2021/02/03					0.0635, RDL=0.020	ng/g	NC	30
7162464	HexaCB-(139)+(140)	2021/02/03					<0.0035 (2)	ng/g	NC	30
7162464	HexaCB-(147)+(149)	2021/02/03					0.192, RDL=0.020	ng/g	NC	30
7162464	HexaCB-(153)+(168)	2021/02/03					0.350, RDL=0.0099	ng/g	25	30
7162464	HexaCB-(156)+(157)	2021/02/03	105	50 - 150	111	50 - 150	0.0259, RDL=0.020	ng/g	NC	30
7162464	OctaCB-(198)+(199)	2021/02/03					0.0240, RDL=0.020	ng/g	NC	30
7162464	PentaCB-(108)+(124)	2021/02/03					0.0048, RDL=0.020	ng/g	NC	30
7162464	PentaCB-(110)+(115)	2021/02/03					0.141, RDL=0.020	ng/g	26	30
7162464	PentaCB-(83)+(99)	2021/02/03					0.179, RDL=0.020	ng/g	24	30
7162464	PentaCB-(85)+(116)+(117)	2021/02/03					0.0293, RDL=0.030	ng/g	NC	30
7162464	PentaCB-(86)(87)(97)(109)(119)(125)	2021/02/03					0.0779, RDL=0.060	ng/g	NC	30
7162464	PentaCB-(88)+(91)	2021/02/03					0.0161, RDL=0.020	ng/g	NC	30
7162464	PentaCB-(90)+(101)+(113)	2021/02/03					0.207, RDL=0.030	ng/g	28	30
7162464	PentaCB-(93)+(98)+(100)+(102)	2021/02/03					<0.0035	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162464	TetraCB-(40)+(41)+(71)	2021/02/03					0.0062, RDL=0.030	ng/g	NC	30
7162464	TetraCB-(44)+(47)+(65)	2021/02/03					0.0399, RDL=0.030	ng/g	NC	30
7162464	TetraCB-(45)+(51)	2021/02/03					<0.0034	ng/g	NC	30
7162464	TetraCB-(49)+TetraCB-(69)	2021/02/03					0.0239, RDL=0.020	ng/g	NC	30
7162464	TetraCB-(50)+(53)	2021/02/03					<0.0033	ng/g	NC	30
7162464	TetraCB-(59)+(62)+(75)	2021/02/03					<0.0025	ng/g	NC	30
7162464	TetraCB-(61)+(70)+(74)+(76)	2021/02/03					0.105, RDL=0.040	ng/g	NC	30
7162464	TriCB-(18)+(30)	2021/02/03					0.0039, RDL=0.020	ng/g	NC	30
7162464	TriCB-(20) + (28)	2021/02/03					0.0370, RDL=0.020	ng/g	NC (2)	30
7162464	TriCB-(21)+(33)	2021/02/03					0.0019, RDL=0.020	ng/g	NC	30
7162464	TriCB-(26)+(29)	2021/02/03					<0.0014	ng/g	NC	30
7173905	2,3-DiCB-(5)	2021/02/12	0	N/A			<0.00052	ng/g	NC	30
7173905	2,3'-DiCB-(6)	2021/02/12	0	N/A			<0.00039	ng/g	NC	30
7173905	2,4-DiCB-(7)	2021/02/12	0	N/A			<0.00039	ng/g	NC	30
7173905	2,4'-DiCB-(8)	2021/02/12	0	N/A			<0.0016 (2)	ng/g	NC (2)	30
7173905	2,5-DiCB-(9)	2021/02/12	0	N/A			<0.00041	ng/g	NC	30
7173905	2,6-DiCB-(10)	2021/02/12	0	N/A			<0.00028	ng/g	NC	30
7173905	22'33'44'55'6-NonaCB-(206)	2021/02/12	114	50 - 150	124	50 - 150	0.0074, RDL=0.0099	ng/g	11	30
7173905	22'33'44'55'-OctaCB-(194)	2021/02/12	0	N/A			0.0141, RDL=0.0099	ng/g	6.7	30
7173905	22'33'44'566'-NonaCB-(207)	2021/02/12	0	N/A			<0.0022	ng/g	NC	30
7173905	22'33'44'56-OctaCB-(195)	2021/02/12	0	N/A			<0.0043 (2)	ng/g	NC (2)	30
7173905	22'33'44'56'-OctaCB-(196)	2021/02/12	0	N/A			0.0081, RDL=0.0099	ng/g	18	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	22'33'44'5-HeptaCB-(170)	2021/02/12	93	50 - 150	144	50 - 150	0.0327, RDL=0.0099	ng/g	9.4	30
7173905	22'33'44'66'OctaCB-(197)	2021/02/12	0	N/A			<0.0018	ng/g	NC	30
7173905	22'33'455'66'-NonaCB-(208)	2021/02/12	115	50 - 150	114	50 - 150	<0.0027	ng/g	NC	30
7173905	22'33'455'-HeptaCB-(172)	2021/02/12	0	N/A			<0.0064 (2)	ng/g	20	30
7173905	22'33'4566'-OctaCB-(200)	2021/02/12	0	N/A			<0.0014	ng/g	NC	30
7173905	22'33'45'66'-OctaCB-(201)	2021/02/12	0	N/A			0.0049, RDL=0.0099	ng/g	NC	30
7173905	22'33'456'-HeptaCB-(174)	2021/02/12	0	N/A			0.0264, RDL=0.0099	ng/g	NC	30
7173905	22'33'45'6-HeptaCB-(175)	2021/02/12	0	N/A			<0.0017	ng/g	NC	30
7173905	22'33'45'6'-HeptaCB-(177)	2021/02/12	0	N/A			0.0349, RDL=0.0099	ng/g	15	30
7173905	22'33'45'-HexaCB-(130)	2021/02/12	0	N/A			0.0158, RDL=0.0099	ng/g	15	30
7173905	22'33'466'-HeptaCB-(176)	2021/02/12	0	N/A			<0.0046 (2)	ng/g	NC	30
7173905	22'33'46-HexaCB-(131)	2021/02/12	0	N/A			<0.0023	ng/g	NC	30
7173905	22'33'46'-HexaCB-(132)	2021/02/12	0	N/A			0.0373, RDL=0.0099	ng/g	14	30
7173905	22'33'4-PentaCB-(82)	2021/02/12	0	N/A			0.0053, RDL=0.0099	ng/g	NC	30
7173905	22'33'55'66'-OctaCB-(202)	2021/02/12	109	50 - 150	125	50 - 150	0.0106, RDL=0.0099	ng/g	19	30
7173905	22'33'55'6-HeptaCB-(178)	2021/02/12	0	N/A			0.0206, RDL=0.0099	ng/g	18	30
7173905	22'33'55'-HexaCB-(133)	2021/02/12	0	N/A			0.0076, RDL=0.0099	ng/g	17	30
7173905	22'33'566'-HeptaCB-(179)	2021/02/12	0	N/A			0.0199, RDL=0.0099	ng/g	18	30
7173905	22'33'66'-HexaCB-(136)	2021/02/12	0	N/A			0.0108, RDL=0.0099	ng/g	17	30
7173905	22'33'6-PentaCB-(84)	2021/02/12	0	N/A			0.0144, RDL=0.0099	ng/g	25	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	22'344'55'6-OctaCB-(203)	2021/02/12	0	N/A			0.0127, RDL=0.0099	ng/g	9.1	30
7173905	22'344'566'-OctaCB-(204)	2021/02/12	0	N/A			<0.0016	ng/g	NC	30
7173905	22'344'56-HeptaCB-(181)	2021/02/12	0	N/A			<0.0024	ng/g	NC	30
7173905	22'344'56'-HeptaCB-(182)	2021/02/12					<0.0017	ng/g	NC	30
7173905	22'344'5'6-HeptaCB-(183)	2021/02/12	0	N/A			0.0364, RDL=0.0099	ng/g	30	30
7173905	22'344'5-HexaCB-(137)	2021/02/12	0	N/A			0.0095, RDL=0.0099	ng/g	21	30
7173905	22'344'66'-HeptaCB-(184)	2021/02/12	0	N/A			<0.0012	ng/g	NC	30
7173905	22'3455'6-HeptaCB-(185)	2021/02/12	0	N/A			<0.0020	ng/g	NC	30
7173905	22'34'55'6-HeptaCB-(187)	2021/02/12					0.115, RDL=0.0099	ng/g	16	30
7173905	22'3455'-HexaCB-(141)	2021/02/12	0	N/A			0.0224, RDL=0.0099	ng/g	13	30
7173905	22'34'55'-HexaCB-(146)	2021/02/12	0	N/A			0.0659, RDL=0.0099	ng/g	16	30
7173905	22'34566'-HeptaCB-(186)	2021/02/12	0	N/A			<0.0013	ng/g	NC	30
7173905	22'34'566'-HeptaCB-(188)	2021/02/12	119	50 - 150	113	50 - 150	<0.0013	ng/g	NC	30
7173905	22'3456-HexaCB-(142)	2021/02/12	0	N/A			<0.0024	ng/g	NC	30
7173905	22'345'6-HexaCB-(144)	2021/02/12	0	N/A			0.0051, RDL=0.0099	ng/g	23	30
7173905	22'34'56'-HexaCB-(148)	2021/02/12	0	N/A			<0.0047	ng/g	NC	30
7173905	22'3466'-HexaCB-(145)	2021/02/12	0	N/A			<0.0036	ng/g	NC	30
7173905	22'34'66'-HexaCB-(150)	2021/02/12	0	N/A			<0.0034	ng/g	NC	30
7173905	22'346'-PentaCB-(89)	2021/02/12	0	N/A			<0.0013	ng/g	NC	30
7173905	22'34'-TetraCB-(42)	2021/02/12	0	N/A			0.0061, RDL=0.0099	ng/g	17	30
7173905	22'355'-PentaCB-(92)	2021/02/12	0	N/A			0.0316, RDL=0.0099	ng/g	21	30
7173905	22'3566'-HexaCB-(152)	2021/02/12	0	N/A			<0.0035	ng/g	NC	30
7173905	22'356'-PentaCB-(94)	2021/02/12	0	N/A			<0.0013	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	22'35'6-PentaCB-(95)	2021/02/12	0	N/A			0.0550, RDL=0.0099	ng/g	21	30
7173905	22'35-TetraCB-(43)	2021/02/12	0	N/A			<0.0018	ng/g	NC	30
7173905	22'366'-PentaCB-(96)	2021/02/12	0	N/A			<0.00052	ng/g	NC	30
7173905	22'36'-TetraCB-(46)	2021/02/12	0	N/A			<0.0015	ng/g	NC	30
7173905	22'3-TriCB-(16)	2021/02/12	0	N/A			<0.0017	ng/g	NC	30
7173905	22'44'56'-HexaCB-(154)	2021/02/12	0	N/A			<0.0048 (2)	ng/g	20	30
7173905	22'44'66'-HexaCB-(155)	2021/02/12	108	50 - 150	116	50 - 150	<0.0021	ng/g	NC	30
7173905	22'45'6-PentaCB-(103)	2021/02/12	0	N/A			<0.0011	ng/g	NC	30
7173905	22'45-TetraCB-(48)	2021/02/12	0	N/A			<0.0017 (2)	ng/g	27	30
7173905	22'466'-PentaCB-(104)	2021/02/12	110	50 - 150	113	50 - 150	<0.00038	ng/g	NC	30
7173905	22'4-TriCB-(17)	2021/02/12	0	N/A			<0.0012	ng/g	NC	30
7173905	22'55'-TetraCB-(52)	2021/02/12	0	N/A			0.0810, RDL=0.0099	ng/g	19	30
7173905	22'66'-TetraCB-(54)	2021/02/12	107	50 - 150	109	50 - 150	<0.00023	ng/g	NC	30
7173905	22'6-TriCB-(19)	2021/02/12	113	50 - 150	118	50 - 150	<0.00095	ng/g	NC	30
7173905	22'-DiCB-(4)	2021/02/12	123	50 - 150	110	50 - 150	<0.00028	ng/g	NC	30
7173905	233'44'55'6-OctaCB-(205)	2021/02/12	112	50 - 150	109	50 - 150	<0.0019	ng/g	NC	30
7173905	233'44'55'-HeptaCB-(189)	2021/02/12	119	50 - 150	110	50 - 150	<0.0024	ng/g	NC	30
7173905	233'44'56-HeptaCB-(190)	2021/02/12	0	N/A			0.0070, RDL=0.0099	ng/g	19	30
7173905	233'44'5'6-HeptaCB-(191)	2021/02/12	0	N/A			<0.0019	ng/g	NC	30
7173905	233'44'6-HexaCB-(158)	2021/02/12	0	N/A			0.0161, RDL=0.0099	ng/g	16	30
7173905	233'44'-PentaCB-(105)	2021/02/12	72	50 - 150	177 (1)	50 - 150	0.0659, RDL=0.0099	ng/g	16	30
7173905	233'455'6-HeptaCB-(192)	2021/02/12	0	N/A			<0.0020	ng/g	NC	30
7173905	233'455'-HexaCB-(159)	2021/02/12	0	N/A			<0.0010	ng/g	NC	30
7173905	233'4'55'-HexaCB-(162)	2021/02/12	0	N/A			<0.0010	ng/g	NC	30
7173905	233'456-HexaCB-(160)	2021/02/12	0	N/A			<0.0016	ng/g	NC	30
7173905	233'45'6-HexaCB-(161)	2021/02/12	0	N/A			<0.0016	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	233'4'5'6-HexaCB-(164)	2021/02/12	0	N/A			0.0108, RDL=0.0099	ng/g	1.8	30
7173905	233'45-PentaCB-(106)	2021/02/12	0	N/A			<0.00061	ng/g	NC	30
7173905	233'4'5-PentaCB-(107)	2021/02/12	0	N/A			0.0130, RDL=0.0099	ng/g	19	30
7173905	233'4'5'-PentaCB-(122)	2021/02/12	0	N/A			<0.00067	ng/g	NC	30
7173905	233'4'-Tetra CB(56)	2021/02/12	0	N/A			<0.0053 (2)	ng/g	21	30
7173905	233'4-TetraCB-(55)	2021/02/12	0	N/A			<0.00099	ng/g	NC	30
7173905	233'55'6-HexaCB-(165)	2021/02/12	0	N/A			<0.0018	ng/g	NC	30
7173905	233'55'-PentaCB-(111)	2021/02/12	0	N/A			<0.00092	ng/g	NC	30
7173905	233'56-PentaCB-(112)	2021/02/12	0	N/A			<0.00076	ng/g	NC	30
7173905	233'5-TetraCB-(57)	2021/02/12	0	N/A			<0.0010	ng/g	NC	30
7173905	233'5'-TetraCB-(58)	2021/02/12	0	N/A			<0.0010	ng/g	NC	30
7173905	23'44'55'-HexaCB-(167)	2021/02/12	113	50 - 150	119	50 - 150	0.0103, RDL=0.0099	ng/g	17	30
7173905	2344'5-PentaCB-(114)	2021/02/12	101	50 - 150	114	50 - 150	0.00374, RDL=0.0099	ng/g	24	30
7173905	23'44'5-PentaCB-(118)	2021/02/12	NC	50 - 150	306 (1)	50 - 150	0.188, RDL=0.0099	ng/g	15	30
7173905	23'44'5'-PentaCB-(123)	2021/02/12	113	50 - 150	119	50 - 150	0.00273, RDL=0.0099	ng/g	NC	30
7173905	2344'-TetraCB -(60)	2021/02/12	0	N/A			0.0131, RDL=0.0099	ng/g	24	30
7173905	23'44'-TetraCB-(66)	2021/02/12	0	N/A			0.0649, RDL=0.0099	ng/g	18	30
7173905	23'455'-PentaCB-(120)	2021/02/12	0	N/A			<0.00089	ng/g	NC	30
7173905	23'45'6-PentaCB-(121)	2021/02/12	0	N/A			<0.00089	ng/g	NC	30
7173905	234'5-TetraCB-(63)	2021/02/12	0	N/A			0.00340, RDL=0.0099	ng/g	11	30
7173905	23'45-TetraCB-(67)	2021/02/12	0	N/A			<0.00091	ng/g	NC	30
7173905	23'45'-TetraCB-(68)	2021/02/12	0	N/A			<0.00093	ng/g	NC	30
7173905	234'6-TetraCB-(64)	2021/02/12	0	N/A			0.0161, RDL=0.0099	ng/g	15	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	234'-TriCB-(22)	2021/02/12	0	N/A			<0.0032 (2)	ng/g	14	30
7173905	23'4-TriCB-(25)	2021/02/12	0	N/A			<0.00051	ng/g	NC	30
7173905	23'55'-TetraCB-(72)	2021/02/12	0	N/A			<0.00095	ng/g	NC	30
7173905	23'5'6-TetraCB-(73)	2021/02/12	0	N/A			<0.00092	ng/g	NC	30
7173905	235-TriCB-(23)	2021/02/12					<0.00056	ng/g	NC	30
7173905	23'5'-TriCB-(34)	2021/02/12					<0.00062	ng/g	NC	30
7173905	236-TriCB-(24)	2021/02/12	0	N/A			<0.00075	ng/g	NC	30
7173905	23'6-TriCB-(27)	2021/02/12	0	N/A			<0.00079	ng/g	NC	30
7173905	24'5-TriCB-(31)	2021/02/12	0	N/A			0.0200, RDL=0.0099	ng/g	19	30
7173905	24'6-TriCB-(32)	2021/02/12	0	N/A			0.00111, RDL=0.0099	ng/g	NC (2)	30
7173905	2-MonoCB-(1)	2021/02/12	103	50 - 150	113	50 - 150	<0.00022	ng/g	NC	30
7173905	3,3'-DiCB-(11)	2021/02/12	0	N/A			<0.018 (2)	ng/g	NC (2)	30
7173905	3,5-DiCB-(14)	2021/02/12	0	N/A			<0.00040	ng/g	NC	30
7173905	33'44'55'-HexaCB-(169)	2021/02/12	115	50 - 150	113	50 - 150	<0.0014	ng/g	NC	30
7173905	33'44'5-PentaCB-(126)	2021/02/12	132	50 - 150	122	50 - 150	<0.00073	ng/g	NC	30
7173905	33'44'-TetraCB-(77)	2021/02/12	106	50 - 150	120	50 - 150	<0.0042 (2)	ng/g	13	30
7173905	33'455'-PentaCB-(127)	2021/02/12	0	N/A			<0.00060	ng/g	NC	30
7173905	33'45-TetraCB-(78)	2021/02/12	0	N/A			<0.0010	ng/g	NC	30
7173905	33'45'-TetraCB(79)	2021/02/12	0	N/A			<0.00090	ng/g	NC	30
7173905	33'4-TriCB-(35)	2021/02/12	0	N/A			<0.00059	ng/g	NC	30
7173905	33'55'-TetraCB-(80)	2021/02/12	0	N/A			<0.00091	ng/g	NC	30
7173905	33'5-TriCB-(36)	2021/02/12	0	N/A			<0.00052	ng/g	NC	30
7173905	344'5-TetraCB-(81)	2021/02/12	106	50 - 150	110	50 - 150	<0.0012	ng/g	NC	30
7173905	344'-TriCB-(37)	2021/02/12	109	50 - 150	118	50 - 150	0.00858, RDL=0.0099	ng/g	NC	30
7173905	345-TriCB-(38)	2021/02/12	0	N/A			<0.00058	ng/g	NC	30
7173905	34'5-TriCB-(39)	2021/02/12	0	N/A			<0.00056	ng/g	NC	30
7173905	3-MonoCB-(2)	2021/02/12	0	N/A			<0.00021	ng/g	NC	30
7173905	4,4'-DiCB-(15)	2021/02/12	110	50 - 150	117	50 - 150	<0.0035 (2)	ng/g	NC	30
7173905	4-MonoCB-(3)	2021/02/12	103	50 - 150	115	50 - 150	<0.00022	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	DecaCB-(209)	2021/02/12	104	50 - 150	112	50 - 150	<0.0042	ng/g	NC (2)	30
7173905	DiCB-(12)+(13)	2021/02/12	0	N/A			<0.00039	ng/g	NC	30
7173905	HeptaCB-(171)+(173)	2021/02/12	0	N/A			0.0144, RDL=0.020	ng/g	20	30
7173905	HeptaCB-(180)+(193)	2021/02/12	26 (1)	50 - 150	169 (1)	50 - 150	0.0841, RDL=0.020	ng/g	15	30
7173905	HexaCB-(128)+(166)	2021/02/12	0	N/A			0.0417, RDL=0.020	ng/g	12	30
7173905	HexaCB-(129)+(138)+(163)	2021/02/12	0	N/A			0.332, RDL=0.030	ng/g	16	30
7173905	HexaCB-(134)+(143)	2021/02/12	0	N/A			0.0087, RDL=0.020	ng/g	NC	30
7173905	HexaCB-(135)+(151)	2021/02/12	0	N/A			0.0648, RDL=0.020	ng/g	19	30
7173905	HexaCB-(139)+(140)	2021/02/12	0	N/A			0.0030, RDL=0.020	ng/g	NC	30
7173905	HexaCB-(147)+(149)	2021/02/12	0	N/A			0.177, RDL=0.020	ng/g	19	30
7173905	HexaCB-(153)+(168)	2021/02/12	0	N/A			0.334, RDL=0.0099	ng/g	17	30
7173905	HexaCB-(156)+(157)	2021/02/12	108	50 - 150	123	50 - 150	0.0237, RDL=0.020	ng/g	15	30
7173905	OctaCB-(198)+(199)	2021/02/12	0	N/A			0.0216, RDL=0.020	ng/g	19	30
7173905	PentaCB-(108)+(124)	2021/02/12	0	N/A			0.00375, RDL=0.020	ng/g	NC	30
7173905	PentaCB-(110)+(115)	2021/02/12	0	N/A			0.137, RDL=0.020	ng/g	15	30
7173905	PentaCB-(83)+(99)	2021/02/12	0	N/A			0.163, RDL=0.020	ng/g	16	30
7173905	PentaCB-(85)+(116)+(117)	2021/02/12	0	N/A			0.0263, RDL=0.030	ng/g	26	30
7173905	PentaCB-(86)(87)(97)(109)(119)(125)	2021/02/12	0	N/A			0.0697, RDL=0.059	ng/g	18	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7173905	PentaCB-(88)+(91)	2021/02/12	0	N/A			0.0153, RDL=0.020	ng/g	18	30
7173905	PentaCB-(90)+(101)+(113)	2021/02/12	0	N/A			0.193, RDL=0.030	ng/g	19	30
7173905	PentaCB-(93)+(98)+(100)+(102)	2021/02/12	0	N/A			<0.0011	ng/g	NC	30
7173905	TetraCB-(40)+(41)+(71)	2021/02/12	0	N/A			0.0066, RDL=0.030	ng/g	NC	30
7173905	TetraCB-(44)+(47)+(65)	2021/02/12	0	N/A			0.0389, RDL=0.030	ng/g	17	30
7173905	TetraCB-(45)+(51)	2021/02/12	0	N/A			<0.0013	ng/g	NC	30
7173905	TetraCB-(49)+TetraCB-(69)	2021/02/12	0	N/A			0.0230, RDL=0.020	ng/g	20	30
7173905	TetraCB-(50)+(53)	2021/02/12	0	N/A			<0.0013	ng/g	NC	30
7173905	TetraCB-(59)+(62)+(75)	2021/02/12	0	N/A			0.0020, RDL=0.030	ng/g	NC	30
7173905	TetraCB-(61)+(70)+(74)+(76)	2021/02/12	0	N/A			0.0971, RDL=0.040	ng/g	17	30
7173905	TriCB-(18)+(30)	2021/02/12	0	N/A			<0.0030 (2)	ng/g	18	30
7173905	TriCB-(20) + (28)	2021/02/12	0	N/A			0.0366, RDL=0.020	ng/g	17	30
7173905	TriCB-(21)+(33)	2021/02/12	0	N/A			<0.0022 (2)	ng/g	NC (2)	30
7173905	TriCB-(26)+(29)	2021/02/12	0	N/A			0.00119, RDL=0.020	ng/g	NC	30
7185195	2,3-DiCB-(5)	2021/02/18					<0.00087	ng/g	NC	30
7185195	2,3'-DiCB-(6)	2021/02/18					<0.00086	ng/g	NC	30
7185195	2,4-DiCB-(7)	2021/02/18					<0.00083	ng/g	NC	30
7185195	2,4'-DiCB-(8)	2021/02/18					<0.00087	ng/g	NC	30
7185195	2,5-DiCB-(9)	2021/02/18					<0.00093	ng/g	NC	30
7185195	2,6-DiCB-(10)	2021/02/18					<0.0021	ng/g	NC	30
7185195	22'33'44'55'6-NonaCB-(206)	2021/02/18	113	50 - 150	130	50 - 150	<0.0061	ng/g	NC	30
7185195	22'33'44'55'-OctaCB-(194)	2021/02/18					<0.0038	ng/g	NC	30
7185195	22'33'44'566'-NonaCB-(207)	2021/02/18					<0.0048	ng/g	NC	30
7185195	22'33'44'56-OctaCB-(195)	2021/02/18					<0.0040	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	22'33'44'56'-OctaCB-(196)	2021/02/18					<0.0065	ng/g	NC	30
7185195	22'33'44'5-HeptaCB-(170)	2021/02/18	109	50 - 150	129	50 - 150	<0.0042	ng/g	NC	30
7185195	22'33'44'66'OctaCB-(197)	2021/02/18					<0.0053	ng/g	NC	30
7185195	22'33'455'66'-NonaCB-(208)	2021/02/18	111	50 - 150	128	50 - 150	<0.0062	ng/g	NC	30
7185195	22'33'455'-HeptaCB-(172)	2021/02/18					<0.0052	ng/g	NC	30
7185195	22'33'4566'-OctaCB-(200)	2021/02/18					<0.0039	ng/g	NC	30
7185195	22'33'45'66'-OctaCB-(201)	2021/02/18					<0.0045	ng/g	NC	30
7185195	22'33'456'-HeptaCB-(174)	2021/02/18					<0.0044	ng/g	NC	30
7185195	22'33'45'6-HeptaCB-(175)	2021/02/18					<0.0068	ng/g	NC	30
7185195	22'33'45'6'-HeptaCB-(177)	2021/02/18					<0.0052	ng/g	NC	30
7185195	22'33'45'-HexaCB-(130)	2021/02/18					<0.0069	ng/g	NC	30
7185195	22'33'466'-HeptaCB-(176)	2021/02/18					<0.0049	ng/g	NC	30
7185195	22'33'46-HexaCB-(131)	2021/02/18					<0.0065	ng/g	NC	30
7185195	22'33'46'-HexaCB-(132)	2021/02/18					<0.0066	ng/g	NC	30
7185195	22'33'4-PentaCB-(82)	2021/02/18					<0.0040	ng/g	NC	30
7185195	22'33'55'66'-OctaCB-(202)	2021/02/18	112	50 - 150	135	50 - 150	<0.0042	ng/g	NC	30
7185195	22'33'55'6-HeptaCB-(178)	2021/02/18					<0.0070	ng/g	NC	30
7185195	22'33'55'-HexaCB-(133)	2021/02/18					<0.0063	ng/g	NC	30
7185195	22'33'566'-HeptaCB-(179)	2021/02/18					<0.0048	ng/g	NC	30
7185195	22'33'66'-HexaCB-(136)	2021/02/18					<0.0040	ng/g	NC	30
7185195	22'33'6-PentaCB-(84)	2021/02/18					<0.0039	ng/g	NC	30
7185195	22'344'55'6-OctaCB-(203)	2021/02/18					<0.0059	ng/g	NC	30
7185195	22'344'566'-OctaCB-(204)	2021/02/18					<0.0046	ng/g	NC	30
7185195	22'344'56-HeptaCB-(181)	2021/02/18					<0.0049	ng/g	NC	30
7185195	22'344'56'-HeptaCB-(182)	2021/02/18					<0.0064	ng/g	NC	30
7185195	22'344'5'6-HeptaCB-(183)	2021/02/18					<0.0049	ng/g	NC	30
7185195	22'344'5-HexaCB-(137)	2021/02/18					<0.0066	ng/g	NC	30
7185195	22'344'66'-HeptaCB-(184)	2021/02/18					<0.0046	ng/g	NC	30
7185195	22'3455'6-HeptaCB-(185)	2021/02/18					<0.0048	ng/g	NC	30
7185195	22'34'55'6-HeptaCB-(187)	2021/02/18					<0.0063	ng/g	NC	30
7185195	22'3455'-HexaCB-(141)	2021/02/18					<0.0057	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	22'34'55'-HexaCB-(146)	2021/02/18					<0.0054	ng/g	NC	30
7185195	22'34566'-HeptaCB-(186)	2021/02/18					<0.0051	ng/g	NC	30
7185195	22'34'566'-HeptaCB-(188)	2021/02/18	106	50 - 150	125	50 - 150	<0.0044	ng/g	NC	30
7185195	22'3456-HexaCB-(142)	2021/02/18					<0.0066	ng/g	NC	30
7185195	22'345'6-HexaCB-(144)	2021/02/18					<0.0054	ng/g	NC	30
7185195	22'34'56'-HexaCB-(148)	2021/02/18					<0.0055	ng/g	NC	30
7185195	22'3466'-HexaCB-(145)	2021/02/18					<0.0041	ng/g	NC	30
7185195	22'34'66'-HexaCB-(150)	2021/02/18					<0.0039	ng/g	NC	30
7185195	22'346'-PentaCB-(89)	2021/02/18					<0.0038	ng/g	NC	30
7185195	22'34'-TetraCB-(42)	2021/02/18					<0.0039	ng/g	NC	30
7185195	22'355'-PentaCB-(92)	2021/02/18					<0.0036	ng/g	NC	30
7185195	22'3566'-HexaCB-(152)	2021/02/18					<0.0040	ng/g	NC	30
7185195	22'356'-PentaCB-(94)	2021/02/18					<0.0038	ng/g	NC	30
7185195	22'35'6-PentaCB-(95)	2021/02/18					<0.0035	ng/g	NC	30
7185195	22'35-TetraCB-(43)	2021/02/18					<0.0049	ng/g	NC	30
7185195	22'366'-PentaCB-(96)	2021/02/18					<0.0031	ng/g	NC	30
7185195	22'36'-TetraCB-(46)	2021/02/18					<0.0042	ng/g	NC	30
7185195	22'3-TriCB-(16)	2021/02/18					<0.0040	ng/g	NC	30
7185195	22'44'56'-HexaCB-(154)	2021/02/18					<0.0048	ng/g	NC	30
7185195	22'44'66'-HexaCB-(155)	2021/02/18	107	50 - 150	130	50 - 150	<0.0028	ng/g	NC	30
7185195	22'45'6-PentaCB-(103)	2021/02/18					<0.0032	ng/g	NC	30
7185195	22'45-TetraCB-(48)	2021/02/18					<0.0036	ng/g	NC	30
7185195	22'466'-PentaCB-(104)	2021/02/18	109	50 - 150	128	50 - 150	<0.0019	ng/g	NC	30
7185195	22'4-TriCB-(17)	2021/02/18					<0.0026	ng/g	NC	30
7185195	22'55'-TetraCB-(52)	2021/02/18					<0.0038	ng/g	NC	30
7185195	22'66'-TetraCB-(54)	2021/02/18	108	50 - 150	129	50 - 150	<0.0030	ng/g	NC	30
7185195	22'6-TriCB-(19)	2021/02/18	113	50 - 150	131	50 - 150	<0.0020	ng/g	NC	30
7185195	22'-DiCB-(4)	2021/02/18	108	50 - 150	130	50 - 150	<0.0019	ng/g	NC	30
7185195	233'44'55'6-OctaCB-(205)	2021/02/18	104	50 - 150	122	50 - 150	<0.0040	ng/g	NC	30
7185195	233'44'55'-HeptaCB-(189)	2021/02/18	106	50 - 150	130	50 - 150	<0.0039	ng/g	NC	30
7185195	233'44'56-HeptaCB-(190)	2021/02/18					<0.0038	ng/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	233'44'5'6-HeptaCB-(191)	2021/02/18					<0.0038	ng/g	NC	30
7185195	233'44'6-HexaCB-(158)	2021/02/18					<0.0041	ng/g	NC	30
7185195	233'44'-PentaCB-(105)	2021/02/18	106	50 - 150	130	50 - 150	0.0036, RDL=0.010	ng/g	NC (3)	30
7185195	233'455'6-HeptaCB-(192)	2021/02/18					<0.0040	ng/g	NC	30
7185195	233'455'-HexaCB-(159)	2021/02/18					<0.0027	ng/g	NC	30
7185195	233'4'55'-HexaCB-(162)	2021/02/18					<0.0026	ng/g	NC	30
7185195	233'456-HexaCB-(160)	2021/02/18					<0.0047	ng/g	NC	30
7185195	233'45'6-HexaCB-(161)	2021/02/18					<0.0044	ng/g	NC	30
7185195	233'4'5'6-HexaCB-(164)	2021/02/18					<0.0040	ng/g	NC	30
7185195	233'45-PentaCB-(106)	2021/02/18					<0.0015	ng/g	NC	30
7185195	233'4'5-PentaCB-(107)	2021/02/18					<0.0013	ng/g	NC	30
7185195	233'4'5'-PentaCB-(122)	2021/02/18					<0.0016	ng/g	NC	30
7185195	233'4'-Tetra CB(56)	2021/02/18					<0.0023	ng/g	NC	30
7185195	233'4-TetraCB-(55)	2021/02/18					<0.0024	ng/g	NC	30
7185195	233'55'6-HexaCB-(165)	2021/02/18					<0.0047	ng/g	NC	30
7185195	233'55'-PentaCB-(111)	2021/02/18					<0.0026	ng/g	NC	30
7185195	233'56-PentaCB-(112)	2021/02/18					<0.0026	ng/g	NC	30
7185195	233'5-TetraCB-(57)	2021/02/18					<0.0023	ng/g	NC	30
7185195	233'5'-TetraCB-(58)	2021/02/18					<0.0023	ng/g	NC	30
7185195	23'44'55'-HexaCB-(167)	2021/02/18	106	50 - 150	124	50 - 150	<0.0033	ng/g	NC	30
7185195	2344'5-PentaCB-(114)	2021/02/18	108	50 - 150	126	50 - 150	<0.0018	ng/g	NC	30
7185195	23'44'5-PentaCB-(118)	2021/02/18	102	50 - 150	128	50 - 150	0.0072, RDL=0.010	ng/g	NC	30
7185195	23'44'5'-PentaCB-(123)	2021/02/18	112	50 - 150	130	50 - 150	<0.0020	ng/g	NC	30
7185195	2344'-TetraCB -(60)	2021/02/18					<0.0023	ng/g	NC	30
7185195	23'44'-TetraCB-(66)	2021/02/18					<0.0022	ng/g	NC	30
7185195	23'455'-PentaCB-(120)	2021/02/18					<0.0025	ng/g	NC	30
7185195	23'45'6-PentaCB-(121)	2021/02/18					<0.0025	ng/g	NC	30
7185195	234'5-TetraCB-(63)	2021/02/18					<0.0022	ng/g	NC	30
7185195	23'45-TetraCB-(67)	2021/02/18					<0.0020	ng/g	NC	30
7185195	23'45'-TetraCB-(68)	2021/02/18					<0.0021	ng/g	NC	30

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	234'6-TetraCB-(64)	2021/02/18					<0.0027	ng/g	NC	30
7185195	234'-TriCB-(22)	2021/02/18					<0.0013	ng/g	NC	30
7185195	23'4-TriCB-(25)	2021/02/18					<0.0013	ng/g	NC	30
7185195	23'55'-TetraCB-(72)	2021/02/18					<0.0022	ng/g	NC	30
7185195	23'5'6-TetraCB-(73)	2021/02/18					<0.0025	ng/g	NC	30
7185195	235-TriCB-(23)	2021/02/18					<0.0014	ng/g	NC	30
7185195	23'5'-TriCB-(34)	2021/02/18					<0.0014	ng/g	NC	30
7185195	236-TriCB-(24)	2021/02/18					<0.0017	ng/g	NC	30
7185195	23'6-TriCB-(27)	2021/02/18					<0.0017	ng/g	NC	30
7185195	24'5-TriCB-(31)	2021/02/18					<0.0012	ng/g	NC	30
7185195	24'6-TriCB-(32)	2021/02/18					<0.0017	ng/g	NC	30
7185195	2-MonoCB-(1)	2021/02/18	115	50 - 150	138	50 - 150	<0.00089	ng/g	NC	30
7185195	3,3'-DiCB-(11)	2021/02/18					0.00707, RDL=0.010	ng/g	NC (2)	30
7185195	3,5-DiCB-(14)	2021/02/18					<0.00089	ng/g	NC	30
7185195	33'44'55'-HexaCB-(169)	2021/02/18	112	50 - 150	130	50 - 150	<0.0036	ng/g	NC	30
7185195	33'44'5-PentaCB-(126)	2021/02/18	109	50 - 150	129	50 - 150	<0.0018	ng/g	NC	30
7185195	33'44'-TetraCB-(77)	2021/02/18	110	50 - 150	136	50 - 150	<0.0035	ng/g	NC	30
7185195	33'455'-PentaCB-(127)	2021/02/18					<0.0015	ng/g	NC	30
7185195	33'45-TetraCB-(78)	2021/02/18					<0.0023	ng/g	NC	30
7185195	33'45'-TetraCB(79)	2021/02/18					<0.0021	ng/g	NC	30
7185195	33'4-TriCB-(35)	2021/02/18					<0.0014	ng/g	NC	30
7185195	33'55'-TetraCB-(80)	2021/02/18					<0.0020	ng/g	NC	30
7185195	33'5-TriCB-(36)	2021/02/18					<0.0013	ng/g	NC	30
7185195	344'5-TetraCB-(81)	2021/02/18	111	50 - 150	135	50 - 150	<0.0034	ng/g	NC	30
7185195	344'-TriCB-(37)	2021/02/18	107	50 - 150	130	50 - 150	<0.0023	ng/g	NC	30
7185195	345-TriCB-(38)	2021/02/18					<0.0014	ng/g	NC	30
7185195	34'5-TriCB-(39)	2021/02/18					<0.0013	ng/g	NC	30
7185195	3-MonoCB-(2)	2021/02/18					0.00095, RDL=0.010	ng/g	NC	30
7185195	4,4'-DiCB-(15)	2021/02/18	111	50 - 150	122	50 - 150	<0.0015	ng/g	NC	30
7185195	4-MonoCB-(3)	2021/02/18	110	50 - 150	138	50 - 150	<0.00091 (2)	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	DecaCB-(209)	2021/02/18	98	50 - 150	119	50 - 150	<0.0078	ng/g	NC	30
7185195	DiCB-(12)+(13)	2021/02/18					<0.00090	ng/g	NC	30
7185195	HeptaCB-(171)+(173)	2021/02/18					<0.0049	ng/g	NC	30
7185195	HeptaCB-(180)+(193)	2021/02/18	80	50 - 150	102	50 - 150	0.0059, RDL=0.020	ng/g	NC	30
7185195	HexaCB-(128)+(166)	2021/02/18					<0.0051	ng/g	NC	30
7185195	HexaCB-(129)+(138)+(163)	2021/02/18					0.0134, RDL=0.030	ng/g	NC	30
7185195	HexaCB-(134)+(143)	2021/02/18					<0.0064	ng/g	NC	30
7185195	HexaCB-(135)+(151)	2021/02/18					<0.0055	ng/g	NC	30
7185195	HexaCB-(139)+(140)	2021/02/18					<0.0056	ng/g	NC	30
7185195	HexaCB-(147)+(149)	2021/02/18					<0.0055	ng/g	NC	30
7185195	HexaCB-(153)+(168)	2021/02/18					0.0129, RDL=0.010	ng/g	16	30
7185195	HexaCB-(156)+(157)	2021/02/18	107	50 - 150	130	50 - 150	<0.0035	ng/g	NC	30
7185195	OctaCB-(198)+(199)	2021/02/18					<0.0064	ng/g	NC	30
7185195	PentaCB-(108)+(124)	2021/02/18					<0.0015	ng/g	NC	30
7185195	PentaCB-(110)+(115)	2021/02/18					0.0035, RDL=0.020	ng/g	NC	30
7185195	PentaCB-(83)+(99)	2021/02/18					0.0041, RDL=0.020	ng/g	NC	30
7185195	PentaCB-(85)+(116)+(117)	2021/02/18					<0.0029	ng/g	NC	30
7185195	PentaCB-(86)(87)(97)(109)(119)(125)	2021/02/18					<0.0028	ng/g	NC	30
7185195	PentaCB-(88)+(91)	2021/02/18					<0.0035	ng/g	NC	30
7185195	PentaCB-(90)+(101)+(113)	2021/02/18					0.0042, RDL=0.030	ng/g	NC	30
7185195	PentaCB-(93)+(98)+(100)+(102)	2021/02/18					<0.0033	ng/g	NC	30
7185195	TetraCB-(40)+(41)+(71)	2021/02/18					<0.0036	ng/g	NC	30
7185195	TetraCB-(44)+(47)+(65)	2021/02/18					<0.0033	ng/g	NC	30
7185195	TetraCB-(45)+(51)	2021/02/18					<0.0037	ng/g	NC	30
7185195	TetraCB-(49)+TetraCB-(69)	2021/02/18					<0.0031	ng/g	NC	30
7185195	TetraCB-(50)+(53)	2021/02/18					<0.0035	ng/g	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7185195	TetraCB-(59)+(62)+(75)	2021/02/18					<0.0027	ng/g	NC	30
7185195	TetraCB-(61)+(70)+(74)+(76)	2021/02/18					<0.0022	ng/g	NC	30
7185195	TriCB-(18)+(30)	2021/02/18					<0.0021	ng/g	NC	30
7185195	TriCB-(20) + (28)	2021/02/18					<0.0013	ng/g	NC	30
7185195	TriCB-(21)+(33)	2021/02/18					<0.0012	ng/g	NC	30
7185195	TriCB-(26)+(29)	2021/02/18					<0.0013	ng/g	NC	30

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(3) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(4) high internal recovery due to matrix effects

(5) high native recovery due to matrix effects

(6) Native recovery is outside method criteria, possible due to the matrix used

(7) Recovery outside method acceptance criteria due to matrix effects

BV Labs - Partial/Rush Results

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VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS

<Original signed by>

Cathy Xu, Scientific Specialist, Ultra Trace Analysis, HRMS

<Original signed by>

Owen Cosby, BSc.C.Chem, Scientific Specialist, Ultra Trace Analysis, HRMS

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For Service Group specific validation please refer to the Validation Signature Page.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/01/30
Report #: R6499966
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Sample Matrix: Tissue
Samples Received: 135

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
2378TCDF Confirmation (M8290A/M1613)	5	2020/09/27	2020/10/19	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	8	2020/09/27	2020/10/20	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	1	2020/09/27	2020/10/21	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	7	2020/11/02	2020/12/31	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	4	2020/11/06	2020/12/24	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	4	2020/11/06	2020/12/31	BRL SOP-00406	EPA M8290A / M1613
2378TCDF Confirmation (M8290A/M1613)	2	2021/01/15	2021/01/29	BRL SOP-00406	EPA M8290A / M1613
Dioxins/Furans in Tissue (1613B) (1)	10	2020/09/22	2020/10/03	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2020/09/22	2020/10/04	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2020/09/27	2020/10/15	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	7	2020/09/27	2020/10/16	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	7	2020/10/23	2020/11/06	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2020/10/23	2020/11/07	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2020/10/26	2020/11/09	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	7	2020/10/26	2020/11/10	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2020/10/26	2020/11/12	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2020/10/26	2020/11/13	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2020/11/06	2020/12/21	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	10	2020/11/06	2020/12/22	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	2	2020/11/06	2020/12/23	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2020/11/06	2020/12/24	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	6	2020/12/02	2020/12/12	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	9	2020/12/02	2020/12/16	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	10	2020/12/14	2020/12/18	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	5	2020/12/14	2020/12/21	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	8	2021/01/05	2021/01/15	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	7	2021/01/05	2021/01/16	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	14	2021/01/15	2021/01/22	BRL SOP-00410	EPA 1613B m
Dioxins/Furans in Tissue (1613B) (1)	1	2021/01/19	2021/01/25	BRL SOP-00410	EPA 1613B m

Remarks:

BV Labs - Partial/Rush Results

Your Project #: VANENV JOB# C056320

Attention: Nahed Amer

Bureau Veritas Laboratories
4606 Canada Way
Burnaby, BC
CANADA V5G 1K5

Report Date: 2021/01/30
Report #: R6499966
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BV LABS JOB #: C0N8517
Received: 2020/09/15, 09:55

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) Analysis was conducted according to Bureau Veritas Laboratories' method BRL SOP-00410 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Ronklin Gracian, Project Manager
Email: Ronklin.Gracian@bureauveritas.com
Phone# (905)817-5752
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BV Labs - Partial Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.994	1.00	0.100		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.119	0.119	4.97	1.00	0.119		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.97	0.100	0.0104		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.97	0.100	0.0109		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0923	0.0923	4.97	0.0100	0.000923		6979689
Octa CDD *	pg/g	<0.131	0.131	9.94	0.000300	0.0000393		6979689
Total Tetra CDD *	pg/g	<0.100	0.100	0.994			0	6979689
Total Penta CDD *	pg/g	<0.119	0.119	4.97			0	6979689
Total Hexa CDD *	pg/g	<0.105	0.105	4.97			0	6979689
Total Hepta CDD *	pg/g	<0.0923	0.0923	4.97			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.115	0.115	0.994	0.100	0.0115		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.97	0.0300	0.00369		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.115	0.115	4.97	0.300	0.0345		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0752	0.0752	4.97	0.100	0.00752		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0773	0.0773	4.97	0.100	0.00773		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0749	0.0749	4.97	0.100	0.00749		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0782	0.0782	4.97	0.100	0.00782		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0979	0.0979	4.97	0.0100	0.000979		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0976	0.0976	4.97	0.0100	0.000976		6979689
Octa CDF **	pg/g	<0.112	0.112	9.94	0.000300	0.0000336		6979689
Total Tetra CDF **	pg/g	<0.115	0.115	0.994			0	6979689
Total Penta CDF **	pg/g	<0.119	0.119	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.0764	0.0764	4.97			0	6979689
Total Hepta CDF **	pg/g	<0.0977	0.0977	4.97			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.334		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89						6979689
C13-1234678 HeptaCDD *	%	76						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY948						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	61						6979689
C13-123478 HexaCDD *	%	70						6979689
C13-123478 HexaCDF **	%	64						6979689
C13-1234789 HeptaCDF **	%	78						6979689
C13-123678 HexaCDD *	%	73						6979689
C13-123678 HexaCDF **	%	60						6979689
C13-12378 PentaCDD *	%	78						6979689
C13-12378 PentaCDF **	%	64						6979689
C13-123789 HexaCDF **	%	75						6979689
C13-234678 HexaCDF **	%	64						6979689
C13-23478 PentaCDF **	%	73						6979689
C13-2378 TetraCDD *	%	76						6979689
C13-2378 TetraCDF **	%	74						6979689
C13-OCDD *	%	91						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.995	1.00	0.105		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0974	0.0974	4.98	0.100	0.00974		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0970	0.0970	4.98	0.100	0.00970		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.98	0.100	0.0101		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.98	0.0100	0.00105		6979689
Octa CDD *	pg/g	<0.138	0.138	9.95	0.000300	0.0000414		6979689
Total Tetra CDD *	pg/g	<0.105	0.105	0.995			0	6979689
Total Penta CDD *	pg/g	<0.117	0.117	4.98			0	6979689
Total Hexa CDD *	pg/g	<0.0982	0.0982	4.98			0	6979689
Total Hepta CDD *	pg/g	<0.105	0.105	4.98			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.995	0.100	0.0114		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.98	0.0300	0.00312		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.98	0.300	0.0292		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0935	0.0935	4.98	0.100	0.00935		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0961	0.0961	4.98	0.100	0.00961		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0931	0.0931	4.98	0.100	0.00931		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0972	0.0972	4.98	0.100	0.00972		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.106	0.106	4.98	0.0100	0.00106		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.98	0.0100	0.00105		6979689
Octa CDF **	pg/g	<0.123	0.123	9.95	0.000300	0.0000369		6979689
Total Tetra CDF **	pg/g	<0.114	0.114	0.995			0	6979689
Total Penta CDF **	pg/g	<0.101	0.101	4.98			0	6979689
Total Hexa CDF **	pg/g	<0.0950	0.0950	4.98			0	6979689
Total Hepta CDF **	pg/g	<0.105	0.105	4.98			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.336		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						6979689
C13-1234678 HeptaCDD *	%	72						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY967						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	56						6979689
C13-123478 HexaCDD *	%	65						6979689
C13-123478 HexaCDF **	%	58						6979689
C13-1234789 HeptaCDF **	%	68						6979689
C13-123678 HexaCDD *	%	67						6979689
C13-123678 HexaCDF **	%	56						6979689
C13-12378 PentaCDD *	%	68						6979689
C13-12378 PentaCDF **	%	60						6979689
C13-123789 HexaCDF **	%	71						6979689
C13-234678 HexaCDF **	%	58						6979689
C13-23478 PentaCDF **	%	68						6979689
C13-2378 TetraCDD *	%	72						6979689
C13-2378 TetraCDF **	%	71						6979689
C13-OCDD *	%	76						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.993	1.00	0.116		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.97	1.00	0.116		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.97	0.100	0.0117		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.122	0.122	4.97	0.100	0.0122		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.121	0.121	4.97	0.0100	0.00121		6979689
Octa CDD *	pg/g	<0.317 (1)	0.317	9.93	0.000300	0.0000951		6979689
Total Tetra CDD *	pg/g	<0.116	0.116	0.993			0	6979689
Total Penta CDD *	pg/g	<0.116	0.116	4.97			0	6979689
Total Hexa CDD *	pg/g	<0.118	0.118	4.97			0	6979689
Total Hepta CDD *	pg/g	<0.121	0.121	4.97			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.993	0.100	0.0107		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.97	0.0300	0.00330		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	4.97	0.300	0.0306		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.97	0.100	0.0110		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.97	0.100	0.0113		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.97	0.100	0.0114		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.97	0.0100	0.00114		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.97	0.0100	0.00113		6979689
Octa CDF **	pg/g	<0.131	0.131	9.93	0.000300	0.0000393		6979689
Total Tetra CDF **	pg/g	<0.107	0.107	0.993			0	6979689
Total Penta CDF **	pg/g	<0.106	0.106	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.111	0.111	4.97			0	6979689
Total Hepta CDF **	pg/g	<0.114	0.114	4.97			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.360		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY973						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	63						6979689
C13-1234678 HeptaCDF **	%	52						6979689
C13-123478 HexaCDD *	%	60						6979689
C13-123478 HexaCDF **	%	55						6979689
C13-1234789 HeptaCDF **	%	66						6979689
C13-123678 HexaCDD *	%	68						6979689
C13-123678 HexaCDF **	%	53						6979689
C13-12378 PentaCDD *	%	70						6979689
C13-12378 PentaCDF **	%	59						6979689
C13-123789 HexaCDF **	%	65						6979689
C13-234678 HexaCDF **	%	55						6979689
C13-23478 PentaCDF **	%	66						6979689
C13-2378 TetraCDD *	%	67						6979689
C13-2378 TetraCDF **	%	67						6979689
C13-OCDD *	%	74						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.994	1.00	0.103		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.118	0.118	4.97	1.00	0.118		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.97	0.100	0.0111		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.97	0.100	0.0110		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.97	0.100	0.0115		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0959	0.0959	4.97	0.0100	0.000959		6979689
Octa CDD *	pg/g	<0.125	0.125	9.94	0.000300	0.0000375		6979689
Total Tetra CDD *	pg/g	<0.103	0.103	0.994			0	6979689
Total Penta CDD *	pg/g	<0.118	0.118	4.97			0	6979689
Total Hexa CDD *	pg/g	<0.112	0.112	4.97			0	6979689
Total Hepta CDD *	pg/g	<0.0959	0.0959	4.97			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.104	0.104	0.994	0.100	0.0104		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.97	0.0300	0.00339		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.97	0.300	0.0315		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0804	0.0804	4.97	0.100	0.00804		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0825	0.0825	4.97	0.100	0.00825		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0800	0.0800	4.97	0.100	0.00800		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0835	0.0835	4.97	0.100	0.00835		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0804	0.0804	4.97	0.0100	0.000804		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0801	0.0801	4.97	0.0100	0.000801		6979689
Octa CDF **	pg/g	<0.134	0.134	9.94	0.000300	0.0000402		6979689
Total Tetra CDF **	pg/g	<0.104	0.104	0.994			0	6979689
Total Penta CDF **	pg/g	<0.109	0.109	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.0816	0.0816	4.97			0	6979689
Total Hepta CDF **	pg/g	<0.0802	0.0802	4.97			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.335		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	87						6979689
C13-1234678 HeptaCDD *	%	82						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY974						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	56						6979689
C13-123478 HexaCDD *	%	70						6979689
C13-123478 HexaCDF **	%	63						6979689
C13-1234789 HeptaCDF **	%	71						6979689
C13-123678 HexaCDD *	%	70						6979689
C13-123678 HexaCDF **	%	63						6979689
C13-12378 PentaCDD *	%	70						6979689
C13-12378 PentaCDF **	%	62						6979689
C13-123789 HexaCDF **	%	73						6979689
C13-234678 HexaCDF **	%	62						6979689
C13-23478 PentaCDF **	%	67						6979689
C13-2378 TetraCDD *	%	73						6979689
C13-2378 TetraCDF **	%	73						6979689
C13-OCDD *	%	82						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.991	1.00	0.114		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.102	0.102	4.95	1.00	0.102		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0993	0.0993	4.95	0.100	0.00993		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0989	0.0989	4.95	0.100	0.00989		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.95	0.100	0.0103		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.129	0.118	4.95	0.0100	0.00129		6979689
Octa CDD *	pg/g	0.557	0.112	9.91	0.000300	0.000167		6979689
Total Tetra CDD *	pg/g	<0.114	0.114	0.991			0	6979689
Total Penta CDD *	pg/g	<0.102	0.102	4.95			0	6979689
Total Hexa CDD *	pg/g	<0.100	0.100	4.95			0	6979689
Total Hepta CDD *	pg/g	0.393	0.118	4.95			2	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.991	0.100	0.0114		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.0856	0.0856	4.95	0.0300	0.00257		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.0797	0.0797	4.95	0.300	0.0239		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0637	0.0637	4.95	0.100	0.00637		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0654	0.0654	4.95	0.100	0.00654		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0634	0.0634	4.95	0.100	0.00634		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0662	0.0662	4.95	0.100	0.00662		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0923	0.0923	4.95	0.0100	0.000923		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0920	0.0920	4.95	0.0100	0.000920		6979689
Octa CDF **	pg/g	<0.120	0.120	9.91	0.000300	0.0000360		6979689
Total Tetra CDF **	pg/g	<0.114	0.114	0.991			0	6979689
Total Penta CDF **	pg/g	<0.0825	0.0825	4.95			0	6979689
Total Hexa CDF **	pg/g	<0.0647	0.0647	4.95			0	6979689
Total Hepta CDF **	pg/g	<0.0922	0.0922	4.95			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.313		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99						6979689
C13-1234678 HeptaCDD *	%	84						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY983						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	69						6979689
C13-123478 HexaCDD *	%	84						6979689
C13-123478 HexaCDF **	%	76						6979689
C13-1234789 HeptaCDF **	%	89						6979689
C13-123678 HexaCDD *	%	85						6979689
C13-123678 HexaCDF **	%	72						6979689
C13-12378 PentaCDD *	%	86						6979689
C13-12378 PentaCDF **	%	75						6979689
C13-123789 HexaCDF **	%	86						6979689
C13-234678 HexaCDF **	%	74						6979689
C13-23478 PentaCDF **	%	82						6979689
C13-2378 TetraCDD *	%	84						6979689
C13-2378 TetraCDF **	%	82						6979689
C13-OCDD *	%	92						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.993	1.00	0.106		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.97	1.00	0.116		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.97	0.100	0.0119		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.97	0.100	0.0118		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.123	0.123	4.97	0.100	0.0123		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.175	0.110	4.97	0.0100	0.00175		6979689
Octa CDD *	pg/g	0.483	0.130	9.93	0.000300	0.000145		6979689
Total Tetra CDD *	pg/g	<0.106	0.106	0.993			0	6979689
Total Penta CDD *	pg/g	<0.116	0.116	4.97			0	6979689
Total Hexa CDD *	pg/g	<0.120	0.120	4.97			0	6979689
Total Hepta CDD *	pg/g	1.10	0.110	4.97			2	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.993	0.100	0.0108		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.0893	0.0893	4.97	0.0300	0.00268		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.0832	0.0832	4.97	0.300	0.0250		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0750	0.0750	4.97	0.100	0.00750		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0770	0.0770	4.97	0.100	0.00770		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0747	0.0747	4.97	0.100	0.00747		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0780	0.0780	4.97	0.100	0.00780		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0959	0.0959	4.97	0.0100	0.000959		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0955	0.0955	4.97	0.0100	0.000955		6979689
Octa CDF **	pg/g	<0.0753	0.0753	9.93	0.000300	0.0000226		6979689
Total Tetra CDF **	pg/g	<0.108	0.108	0.993			0	6979689
Total Penta CDF **	pg/g	<0.0862	0.0862	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.0762	0.0762	4.97			0	6979689
Total Hepta CDF **	pg/g	<0.0957	0.0957	4.97			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.331		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92						6979689
C13-1234678 HeptaCDD *	%	75						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY984						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	60						6979689
C13-123478 HexaCDD *	%	70						6979689
C13-123478 HexaCDF **	%	64						6979689
C13-1234789 HeptaCDF **	%	75						6979689
C13-123678 HexaCDD *	%	76						6979689
C13-123678 HexaCDF **	%	60						6979689
C13-12378 PentaCDD *	%	78						6979689
C13-12378 PentaCDF **	%	69						6979689
C13-123789 HexaCDF **	%	75						6979689
C13-234678 HexaCDF **	%	68						6979689
C13-23478 PentaCDF **	%	77						6979689
C13-2378 TetraCDD *	%	78						6979689
C13-2378 TetraCDF **	%	75						6979689
C13-OCDD *	%	85						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.999	1.00	0.110		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.120 (1)	0.120	4.99	0.0100	0.00120		6979689
Octa CDD *	pg/g	<0.411 (1)	0.411	9.99	0.000300	0.000123		6979689
Total Tetra CDD *	pg/g	<0.110	0.110	0.999			0	6979689
Total Penta CDD *	pg/g	<0.111	0.111	4.99			0	6979689
Total Hexa CDD *	pg/g	<0.109	0.109	4.99			0	6979689
Total Hepta CDD *	pg/g	0.261	0.104	4.99			1	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.111	0.111	0.999	0.100	0.0111		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.0300	0.00342		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.300	0.0318		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.99	0.0100	0.00108		6979689
Octa CDF **	pg/g	<0.108	0.108	9.99	0.000300	0.0000324		6979689
Total Tetra CDF **	pg/g	<0.111	0.111	0.999			0	6979689
Total Penta CDF **	pg/g	<0.110	0.110	4.99			0	6979689
Total Hexa CDF **	pg/g	<0.107	0.107	4.99			0	6979689
Total Hepta CDF **	pg/g	<0.108	0.108	4.99			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.346		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	74						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY991						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	66						6979689
C13-1234678 HeptaCDF **	%	54						6979689
C13-123478 HexaCDD *	%	60						6979689
C13-123478 HexaCDF **	%	55						6979689
C13-1234789 HeptaCDF **	%	66						6979689
C13-123678 HexaCDD *	%	62						6979689
C13-123678 HexaCDF **	%	54						6979689
C13-12378 PentaCDD *	%	61						6979689
C13-12378 PentaCDF **	%	54						6979689
C13-123789 HexaCDF **	%	67						6979689
C13-234678 HexaCDF **	%	56						6979689
C13-23478 PentaCDF **	%	63						6979689
C13-2378 TetraCDD *	%	63						6979689
C13-2378 TetraCDF **	%	66						6979689
C13-OCDD *	%	77						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.982	1.00	0.101		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.91	1.00	0.116		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.91	0.100	0.0100		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.91	0.100	0.0100		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.91	0.100	0.0104		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.101	0.101	4.91	0.0100	0.00101		6979689
Octa CDD *	pg/g	<0.134 (1)	0.134	9.82	0.000300	0.0000402		6979689
Total Tetra CDD *	pg/g	<0.101	0.101	0.982			0	6979689
Total Penta CDD *	pg/g	<0.116	0.116	4.91			0	6979689
Total Hexa CDD *	pg/g	<0.101	0.101	4.91			0	6979689
Total Hepta CDD *	pg/g	<0.101	0.101	4.91			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.101	0.101	0.982	0.100	0.0101		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.91	0.0300	0.00324		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.91	0.300	0.0303		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0605	0.0605	4.91	0.100	0.00605		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0622	0.0622	4.91	0.100	0.00622		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0603	0.0603	4.91	0.100	0.00603		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0629	0.0629	4.91	0.100	0.00629		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0918	0.0918	4.91	0.0100	0.000918		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0914	0.0914	4.91	0.0100	0.000914		6979689
Octa CDF **	pg/g	<0.115	0.115	9.82	0.000300	0.0000345		6979689
Total Tetra CDF **	pg/g	<0.101	0.101	0.982			0	6979689
Total Penta CDF **	pg/g	<0.104	0.104	4.91			0	6979689
Total Hexa CDF **	pg/g	<0.0615	0.0615	4.91			0	6979689
Total Hepta CDF **	pg/g	<0.0916	0.0916	4.91			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.319		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPY997						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	68						6979689
C13-1234678 HeptaCDF **	%	57						6979689
C13-123478 HexaCDD *	%	64						6979689
C13-123478 HexaCDF **	%	58						6979689
C13-1234789 HeptaCDF **	%	72						6979689
C13-123678 HexaCDD *	%	71						6979689
C13-123678 HexaCDF **	%	55						6979689
C13-12378 PentaCDD *	%	71						6979689
C13-12378 PentaCDF **	%	60						6979689
C13-123789 HexaCDF **	%	70						6979689
C13-234678 HexaCDF **	%	62						6979689
C13-23478 PentaCDF **	%	68						6979689
C13-2378 TetraCDD *	%	74						6979689
C13-2378 TetraCDF **	%	77						6979689
C13-OCDD *	%	78						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.988	1.00	0.101		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.94	1.00	0.108		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.94	0.100	0.0112		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.94	0.100	0.0111		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.116	0.116	4.94	0.100	0.0116		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.94	0.0100	0.00105		6979689
Octa CDD *	pg/g	0.405	0.111	9.88	0.000300	0.000122		6979689
Total Tetra CDD *	pg/g	<0.101	0.101	0.988			0	6979689
Total Penta CDD *	pg/g	<0.108	0.108	4.94			0	6979689
Total Hexa CDD *	pg/g	<0.113	0.113	4.94			0	6979689
Total Hepta CDD *	pg/g	<0.105	0.105	4.94			0	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.988	0.100	0.0109		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.115	0.115	4.94	0.0300	0.00345		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.107	0.107	4.94	0.300	0.0321		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.94	0.100	0.0101		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.94	0.100	0.0104		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.94	0.100	0.0101		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.94	0.100	0.0105		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.103	0.103	4.94	0.0100	0.00103		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.94	0.0100	0.00103		6979689
Octa CDF **	pg/g	0.126	0.107	9.88	0.000300	0.0000378		6979689
Total Tetra CDF **	pg/g	<0.109	0.109	0.988			0	6979689
Total Penta CDF **	pg/g	<0.111	0.111	4.94			0	6979689
Total Hexa CDF **	pg/g	<0.103	0.103	4.94			0	6979689
Total Hepta CDF **	pg/g	<0.103	0.103	4.94			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.334		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	100						6979689
C13-1234678 HeptaCDD *	%	77						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ001						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	61						6979689
C13-123478 HexaCDD *	%	76						6979689
C13-123478 HexaCDF **	%	67						6979689
C13-1234789 HeptaCDF **	%	77						6979689
C13-123678 HexaCDD *	%	85						6979689
C13-123678 HexaCDF **	%	66						6979689
C13-12378 PentaCDD *	%	77						6979689
C13-12378 PentaCDF **	%	66						6979689
C13-123789 HexaCDF **	%	81						6979689
C13-234678 HexaCDF **	%	70						6979689
C13-23478 PentaCDF **	%	72						6979689
C13-2378 TetraCDD *	%	83						6979689
C13-2378 TetraCDF **	%	84						6979689
C13-OCDD *	%	88						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.994	1.00	0.107		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	4.97	1.00	0.107		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.111	0.111	4.97	0.100	0.0111		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.377	0.103	4.97	0.0100	0.00377		6979689
Octa CDD *	pg/g	1.23	0.105	9.94	0.000300	0.000369		6979689
Total Tetra CDD *	pg/g	<0.107	0.107	0.994			0	6979689
Total Penta CDD *	pg/g	<0.107	0.107	4.97			0	6979689
Total Hexa CDD *	pg/g	0.136	0.107	4.97			1	6979689
Total Hepta CDD *	pg/g	0.953	0.103	4.97			2	6979689
2,3,7,8-Tetra CDF **	pg/g	0.143	0.107	0.994	0.100	0.0143		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.97	0.0300	0.00348		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.97	0.300	0.0324		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.97	0.100	0.0109		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.97	0.100	0.0111		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.107	0.103	4.97	0.0100	0.00107		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.97	0.0100	0.00103		6979689
Octa CDF **	pg/g	<0.112	0.112	9.94	0.000300	0.0000336		6979689
Total Tetra CDF **	pg/g	0.267	0.107	0.994			2	6979689
Total Penta CDF **	pg/g	<0.358 (1)	0.358	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.108	0.108	4.97			0	6979689
Total Hepta CDF **	pg/g	0.107	0.103	4.97			1	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.346		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ009						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	68						6979689
C13-1234678 HeptaCDF **	%	53						6979689
C13-123478 HexaCDD *	%	68						6979689
C13-123478 HexaCDF **	%	57						6979689
C13-1234789 HeptaCDF **	%	67						6979689
C13-123678 HexaCDD *	%	73						6979689
C13-123678 HexaCDF **	%	57						6979689
C13-12378 PentaCDD *	%	73						6979689
C13-12378 PentaCDF **	%	57						6979689
C13-123789 HexaCDF **	%	67						6979689
C13-234678 HexaCDF **	%	57						6979689
C13-23478 PentaCDF **	%	71						6979689
C13-2378 TetraCDD *	%	77						6979689
C13-2378 TetraCDF **	%	76						6979689
C13-OCDD *	%	72						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.993	1.00	0.116		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.96	1.00	0.108		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.96	0.100	0.0106		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.96	0.100	0.0110		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.355	0.108	4.96	0.0100	0.00355		6979689
Octa CDD *	pg/g	2.08	0.107	9.93	0.000300	0.000624		6979689
Total Tetra CDD *	pg/g	<0.116	0.116	0.993			0	6979689
Total Penta CDD *	pg/g	<0.108	0.108	4.96			0	6979689
Total Hexa CDD *	pg/g	<0.106	0.106	4.96			0	6979689
Total Hepta CDD *	pg/g	0.729	0.108	4.96			2	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.993	0.100	0.0110		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.96	0.0300	0.00324		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.100	0.100	4.96	0.300	0.0300		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.96	0.100	0.0101		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.96	0.100	0.0103		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.96	0.100	0.0100		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.122	0.119	4.96	0.0100	0.00122		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.119	0.119	4.96	0.0100	0.00119		6979689
Octa CDF **	pg/g	0.378	0.103	9.93	0.000300	0.000113		6979689
Total Tetra CDF **	pg/g	<0.110	0.110	0.993			0	6979689
Total Penta CDF **	pg/g	<0.104	0.104	4.96			0	6979689
Total Hexa CDF **	pg/g	<0.102	0.102	4.96			0	6979689
Total Hepta CDF **	pg/g	0.318	0.119	4.96			2	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.348		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	103						6979689
C13-1234678 HeptaCDD *	%	83						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ011						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	66						6979689
C13-123478 HexaCDD *	%	78						6979689
C13-123478 HexaCDF **	%	72						6979689
C13-1234789 HeptaCDF **	%	82						6979689
C13-123678 HexaCDD *	%	89						6979689
C13-123678 HexaCDF **	%	68						6979689
C13-12378 PentaCDD *	%	84						6979689
C13-12378 PentaCDF **	%	70						6979689
C13-123789 HexaCDF **	%	83						6979689
C13-234678 HexaCDF **	%	70						6979689
C13-23478 PentaCDF **	%	82						6979689
C13-2378 TetraCDD *	%	87						6979689
C13-2378 TetraCDF **	%	86						6979689
C13-OCDD *	%	89						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.989	1.00	0.105		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.102	0.102	4.94	1.00	0.102		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	0.113	0.105	4.94	0.100	0.0113		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.94	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.94	0.100	0.0109		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.176	0.104	4.94	0.0100	0.00176		6979689
Octa CDD *	pg/g	0.529	0.104	9.89	0.000300	0.000159		6979689
Total Tetra CDD *	pg/g	<0.105	0.105	0.989			0	6979689
Total Penta CDD *	pg/g	<0.102	0.102	4.94			0	6979689
Total Hexa CDD *	pg/g	0.113	0.106	4.94			1	6979689
Total Hepta CDD *	pg/g	0.176	0.104	4.94			1	6979689
2,3,7,8-Tetra CDF **	pg/g	0.152	0.104	0.989	0.100	0.0152		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.94	0.0300	0.00339		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.94	0.300	0.0315		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.94	0.100	0.0105		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.94	0.100	0.0108		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.94	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.94	0.100	0.0109		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.102	0.102	4.94	0.0100	0.00102		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.94	0.0100	0.00102		6979689
Octa CDF **	pg/g	0.204	0.101	9.89	0.000300	0.0000612		6979689
Total Tetra CDF **	pg/g	0.152	0.104	0.989			1	6979689
Total Penta CDF **	pg/g	<0.110 (1)	0.110	4.94			0	6979689
Total Hexa CDF **	pg/g	<0.107	0.107	4.94			0	6979689
Total Hepta CDF **	pg/g	<0.135 (1)	0.135	4.94			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.337		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ013						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	75						6979689
C13-1234678 HeptaCDF **	%	59						6979689
C13-123478 HexaCDD *	%	71						6979689
C13-123478 HexaCDF **	%	62						6979689
C13-1234789 HeptaCDF **	%	76						6979689
C13-123678 HexaCDD *	%	76						6979689
C13-123678 HexaCDF **	%	63						6979689
C13-12378 PentaCDD *	%	71						6979689
C13-12378 PentaCDF **	%	60						6979689
C13-123789 HexaCDF **	%	74						6979689
C13-234678 HexaCDF **	%	63						6979689
C13-23478 PentaCDF **	%	67						6979689
C13-2378 TetraCDD *	%	80						6979689
C13-2378 TetraCDF **	%	77						6979689
C13-OCDD *	%	86						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.992	1.00	0.106		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.96	1.00	0.109		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.120	0.102	4.96	0.0100	0.00120		6979689
Octa CDD *	pg/g	0.549	0.113	9.92	0.000300	0.000165		6979689
Total Tetra CDD *	pg/g	<0.106	0.106	0.992			0	6979689
Total Penta CDD *	pg/g	<0.109	0.109	4.96			0	6979689
Total Hexa CDD *	pg/g	<0.106	0.106	4.96			0	6979689
Total Hepta CDD *	pg/g	0.230	0.102	4.96			2	6979689
2,3,7,8-Tetra CDF **	pg/g	0.123	0.118	0.992	0.100	0.0123		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.96	0.0300	0.00339		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.96	0.300	0.0315		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.96	0.100	0.0104		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.96	0.100	0.0101		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.119	0.119	4.96	0.0100	0.00119		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.119	0.119	4.96	0.0100	0.00119		6979689
Octa CDF **	pg/g	0.212	0.111	9.92	0.000300	0.0000636		6979689
Total Tetra CDF **	pg/g	0.123	0.118	0.992			1	6979689
Total Penta CDF **	pg/g	<0.126 (1)	0.126	4.96			0	6979689
Total Hexa CDF **	pg/g	<0.103	0.103	4.96			0	6979689
Total Hepta CDF **	pg/g	<0.119	0.119	4.96			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.339		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ024						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	69						6979689
C13-1234678 HeptaCDF **	%	57						6979689
C13-123478 HexaCDD *	%	69						6979689
C13-123478 HexaCDF **	%	62						6979689
C13-1234789 HeptaCDF **	%	68						6979689
C13-123678 HexaCDD *	%	74						6979689
C13-123678 HexaCDF **	%	59						6979689
C13-12378 PentaCDD *	%	70						6979689
C13-12378 PentaCDF **	%	60						6979689
C13-123789 HexaCDF **	%	72						6979689
C13-234678 HexaCDF **	%	61						6979689
C13-23478 PentaCDF **	%	69						6979689
C13-2378 TetraCDD *	%	76						6979689
C13-2378 TetraCDF **	%	75						6979689
C13-OCDD *	%	69						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.988	1.00	0.101		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.94	1.00	0.111		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.94	0.100	0.0106		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.94	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.110	0.110	4.94	0.100	0.0110		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.255	0.106	4.94	0.0100	0.00255		6979689
Octa CDD *	pg/g	0.473	0.115	9.88	0.000300	0.000142		6979689
Total Tetra CDD *	pg/g	<0.101	0.101	0.988			0	6979689
Total Penta CDD *	pg/g	<0.111	0.111	4.94			0	6979689
Total Hexa CDD *	pg/g	<0.107	0.107	4.94			0	6979689
Total Hepta CDD *	pg/g	0.656	0.106	4.94			2	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.106	0.106	0.988	0.100	0.0106		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.94	0.0300	0.00339		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.105	0.105	4.94	0.300	0.0315		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0972	0.0972	4.94	0.100	0.00972		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0998	0.0998	4.94	0.100	0.00998		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0968	0.0968	4.94	0.100	0.00968		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.101	0.101	4.94	0.100	0.0101		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.113	0.113	4.94	0.0100	0.00113		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.94	0.0100	0.00112		6979689
Octa CDF **	pg/g	<0.103	0.103	9.88	0.000300	0.0000309		6979689
Total Tetra CDF **	pg/g	<0.106	0.106	0.988			0	6979689
Total Penta CDF **	pg/g	<0.109	0.109	4.94			0	6979689
Total Hexa CDF **	pg/g	<0.0987	0.0987	4.94			0	6979689
Total Hepta CDF **	pg/g	<0.112	0.112	4.94			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.334		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80						6979689
C13-1234678 HeptaCDD *	%	61						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ046						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	47						6979689
C13-123478 HexaCDD *	%	57						6979689
C13-123478 HexaCDF **	%	49						6979689
C13-1234789 HeptaCDF **	%	57						6979689
C13-123678 HexaCDD *	%	59						6979689
C13-123678 HexaCDF **	%	54						6979689
C13-12378 PentaCDD *	%	64						6979689
C13-12378 PentaCDF **	%	53						6979689
C13-123789 HexaCDF **	%	61						6979689
C13-234678 HexaCDF **	%	50						6979689
C13-23478 PentaCDF **	%	61						6979689
C13-2378 TetraCDD *	%	65						6979689
C13-2378 TetraCDF **	%	67						6979689
C13-OCDD *	%	61						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.994	1.00	0.105		6979689
1,2,3,7,8-Penta CDD *	pg/g	<0.0997	0.0997	4.97	1.00	0.0997		6979689
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105		6979689
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.97	0.100	0.0105		6979689
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.97	0.100	0.0109		6979689
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.184	0.108	4.97	0.0100	0.00184		6979689
Octa CDD *	pg/g	0.262	0.107	9.94	0.000300	0.0000786		6979689
Total Tetra CDD *	pg/g	<0.105	0.105	0.994			0	6979689
Total Penta CDD *	pg/g	<0.0997	0.0997	4.97			0	6979689
Total Hexa CDD *	pg/g	0.161	0.106	4.97			1	6979689
Total Hepta CDD *	pg/g	0.557	0.108	4.97			2	6979689
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.994	0.100	0.0109		6979689
1,2,3,7,8-Penta CDF **	pg/g	<0.0942	0.0942	4.97	0.0300	0.00283		6979689
2,3,4,7,8-Penta CDF **	pg/g	<0.0878	0.0878	4.97	0.300	0.0263		6979689
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0672	0.0672	4.97	0.100	0.00672		6979689
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0690	0.0690	4.97	0.100	0.00690		6979689
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0669	0.0669	4.97	0.100	0.00669		6979689
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0698	0.0698	4.97	0.100	0.00698		6979689
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.97	0.0100	0.00117		6979689
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.97	0.0100	0.00116		6979689
Octa CDF **	pg/g	0.113	0.103	9.94	0.000300	0.0000339		6979689
Total Tetra CDF **	pg/g	<0.109	0.109	0.994			0	6979689
Total Penta CDF **	pg/g	<0.0909	0.0909	4.97			0	6979689
Total Hexa CDF **	pg/g	<0.0682	0.0682	4.97			0	6979689
Total Hepta CDF **	pg/g	<0.117	0.117	4.97			0	6979689
TOTAL TOXIC EQUIVALENCY	pg/g					0.308		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	96						6979689
C13-1234678 HeptaCDD *	%	88						6979689

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ056						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	65						6979689
C13-123478 HexaCDD *	%	75						6979689
C13-123478 HexaCDF **	%	66						6979689
C13-1234789 HeptaCDF **	%	82						6979689
C13-123678 HexaCDD *	%	83						6979689
C13-123678 HexaCDF **	%	63						6979689
C13-12378 PentaCDD *	%	75						6979689
C13-12378 PentaCDF **	%	65						6979689
C13-123789 HexaCDF **	%	81						6979689
C13-234678 HexaCDF **	%	72						6979689
C13-23478 PentaCDF **	%	71						6979689
C13-2378 TetraCDD *	%	80						6979689
C13-2378 TetraCDF **	%	79						6979689
C13-OCDD *	%	92						6979689

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ301						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.982	1.00	0.101		7001711
1,2,3,7,8-Penta CDD *	pg/g	<0.235 (1)	0.235	4.91	1.00	0.235		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.91	0.100	0.0117		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.427	0.116	4.91	0.100	0.0427		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.141 (1)	0.141	4.91	0.100	0.0141		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.511	0.0990	4.91	0.0100	0.00511		7001711
Octa CDD *	pg/g	0.968	0.102	9.82	0.000300	0.000290		7001711
Total Tetra CDD *	pg/g	0.798	0.101	0.982			2	7001711
Total Penta CDD *	pg/g	<0.235 (1)	0.235	4.91			0	7001711
Total Hexa CDD *	pg/g	1.21	0.117	4.91			2	7001711
Total Hepta CDD *	pg/g	1.19	0.0990	4.91			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.31	0.108	0.982	0.100	0.131		7001711
1,2,3,7,8-Penta CDF **	pg/g	0.128	0.115	4.91	0.0300	0.00384		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.176	0.107	4.91	0.300	0.0528		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.91	0.100	0.0103		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.91	0.100	0.0105		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.91	0.100	0.0102		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.91	0.100	0.0107		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.196	0.108	4.91	0.0100	0.00196		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.91	0.0100	0.00108		7001711
Octa CDF **	pg/g	<0.287 (1)	0.287	9.82	0.000300	0.0000861		7001711
Total Tetra CDF **	pg/g	4.75	0.108	0.982			7	7001711
Total Penta CDF **	pg/g	0.564	0.111	4.91			3	7001711
Total Hexa CDF **	pg/g	0.135	0.104	4.91			1	7001711
Total Hepta CDF **	pg/g	0.452	0.108	4.91			2	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.11	0.14	0.98	0.100	0.111		7010012
TOTAL TOXIC EQUIVALENCY	pg/g					0.622		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ301						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	64						7010012
37CL4 2378 Tetra CDD *	%	101						7001711
C13-1234678 HeptaCDD *	%	78						7001711
C13-1234678 HeptaCDF **	%	70						7001711
C13-123478 HexaCDD *	%	84						7001711
C13-123478 HexaCDF **	%	85						7001711
C13-1234789 HeptaCDF **	%	81						7001711
C13-123678 HexaCDD *	%	96						7001711
C13-123678 HexaCDF **	%	88						7001711
C13-12378 PentaCDD *	%	86						7001711
C13-12378 PentaCDF **	%	78						7001711
C13-123789 HexaCDF **	%	89						7001711
C13-234678 HexaCDF **	%	80						7001711
C13-23478 PentaCDF **	%	85						7001711
C13-2378 TetraCDD *	%	87						7001711
C13-2378 TetraCDF **	%	91						7001711
C13-OCDD *	%	68						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ302						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.976	1.00	0.104		7001711
1,2,3,7,8-Penta CDD *	pg/g	<0.295 (1)	0.295	4.88	1.00	0.295		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.88	0.100	0.0109		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.555	0.108	4.88	0.100	0.0555		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.148	0.113	4.88	0.100	0.0148		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.590 (1)	0.590	4.88	0.0100	0.00590		7001711
Octa CDD *	pg/g	0.844	0.113	9.76	0.000300	0.000253		7001711
Total Tetra CDD *	pg/g	0.476	0.104	0.976			1	7001711
Total Penta CDD *	pg/g	<0.295 (1)	0.295	4.88			0	7001711
Total Hexa CDD *	pg/g	2.06	0.110	4.88			3	7001711
Total Hepta CDD *	pg/g	1.28	0.103	4.88			1	7001711
2,3,7,8-Tetra CDF **	pg/g	1.35	0.0979	0.976	0.100	0.135		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.102	0.102	4.88	0.0300	0.00306		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.0951	0.0951	4.88	0.300	0.0285		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.88	0.100	0.0106		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.88	0.100	0.0109		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.88	0.100	0.0106		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.88	0.100	0.0110		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.153 (1)	0.153	4.88	0.0100	0.00153		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.88	0.0100	0.00113		7001711
Octa CDF **	pg/g	0.175	0.114	9.76	0.000300	0.0000525		7001711
Total Tetra CDF **	pg/g	5.99	0.0979	0.976			11	7001711
Total Penta CDF **	pg/g	0.253	0.0985	4.88			1	7001711
Total Hexa CDF **	pg/g	0.159	0.108	4.88			1	7001711
Total Hepta CDF **	pg/g	<0.153 (2)	0.153	4.88			0	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	<0.15	0.15	0.98	0.100	0.0150		7010012
TOTAL TOXIC EQUIVALENCY	pg/g					0.579		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / Ratio - Isotopic ratio adjusted to meet theoretical

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ302						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	60						7010012
37CL4 2378 Tetra CDD *	%	93						7001711
C13-1234678 HeptaCDD *	%	70						7001711
C13-1234678 HeptaCDF **	%	67						7001711
C13-123478 HexaCDD *	%	82						7001711
C13-123478 HexaCDF **	%	81						7001711
C13-1234789 HeptaCDF **	%	71						7001711
C13-123678 HexaCDD *	%	83						7001711
C13-123678 HexaCDF **	%	79						7001711
C13-12378 PentaCDD *	%	79						7001711
C13-12378 PentaCDF **	%	77						7001711
C13-123789 HexaCDF **	%	86						7001711
C13-234678 HexaCDF **	%	77						7001711
C13-23478 PentaCDF **	%	78						7001711
C13-2378 TetraCDD *	%	80						7001711
C13-2378 TetraCDF **	%	84						7001711
C13-OCDD *	%	64						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ303						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.101	0.101	0.980	1.00	0.101		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.230	0.112	4.90	1.00	0.230		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.90	0.100	0.0103		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.442	0.102	4.90	0.100	0.0442		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.175	0.107	4.90	0.100	0.0175		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.538	0.112	4.90	0.0100	0.00538		7001711
Octa CDD *	pg/g	0.867	0.101	9.80	0.000300	0.000260		7001711
Total Tetra CDD *	pg/g	0.318	0.101	0.980			1	7001711
Total Penta CDD *	pg/g	0.230	0.112	4.90			1	7001711
Total Hexa CDD *	pg/g	2.29	0.103	4.90			4	7001711
Total Hepta CDD *	pg/g	1.35	0.112	4.90			2	7001711
2,3,7,8-Tetra CDF **	pg/g	0.797	0.113	0.980	0.100	0.0797		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.90	0.0300	0.00330		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.102	0.102	4.90	0.300	0.0306		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0995	0.0995	4.90	0.100	0.00995		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.90	0.100	0.0102		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0991	0.0991	4.90	0.100	0.00991		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.90	0.100	0.0103		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.119	0.113	4.90	0.0100	0.00119		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.90	0.0100	0.00112		7001711
Octa CDF **	pg/g	<0.116	0.116	9.80	0.000300	0.0000348		7001711
Total Tetra CDF **	pg/g	3.57	0.113	0.980			8	7001711
Total Penta CDF **	pg/g	<0.434 (1)	0.434	4.90			0	7001711
Total Hexa CDF **	pg/g	0.293	0.101	4.90			2	7001711
Total Hepta CDF **	pg/g	0.119	0.112	4.90			1	7001711
TOTAL TOXIC EQUIVALENCY	pg/g					0.565		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	102						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ303						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	79						7001711
C13-1234678 HeptaCDF **	%	74						7001711
C13-123478 HexaCDD *	%	83						7001711
C13-123478 HexaCDF **	%	87						7001711
C13-1234789 HeptaCDF **	%	81						7001711
C13-123678 HexaCDD *	%	93						7001711
C13-123678 HexaCDF **	%	84						7001711
C13-12378 PentaCDD *	%	79						7001711
C13-12378 PentaCDF **	%	75						7001711
C13-123789 HexaCDF **	%	92						7001711
C13-234678 HexaCDF **	%	82						7001711
C13-23478 PentaCDF **	%	83						7001711
C13-2378 TetraCDD *	%	86						7001711
C13-2378 TetraCDF **	%	91						7001711
C13-OCDD *	%	73						7001711

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.985	1.00	0.110		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.313	0.0999	4.92	1.00	0.313		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.92	0.100	0.0102		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.754	0.101	4.92	0.100	0.0754		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.191	0.106	4.92	0.100	0.0191		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.826	0.115	4.92	0.0100	0.00826		7001711
Octa CDD *	pg/g	1.30	0.116	9.85	0.000300	0.000390		7001711
Total Tetra CDD *	pg/g	0.752	0.110	0.985			1	7001711
Total Penta CDD *	pg/g	0.697	0.0999	4.92			2	7001711
Total Hexa CDD *	pg/g	2.72	0.102	4.92			4	7001711
Total Hepta CDD *	pg/g	2.32	0.115	4.92			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.26	0.117	0.985	0.100	0.126		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.92	0.0300	0.00333		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.128 (1)	0.128	4.92	0.300	0.0384		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.92	0.100	0.0108		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.92	0.100	0.0111		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.92	0.100	0.0108		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.112	0.112	4.92	0.100	0.0112		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.157	0.101	4.92	0.0100	0.00157		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.92	0.0100	0.00101		7001711
Octa CDF **	pg/g	0.178	0.0999	9.85	0.000300	0.0000534		7001711
Total Tetra CDF **	pg/g	5.71	0.117	0.985			10	7001711
Total Penta CDF **	pg/g	<1.78 (1)	1.78	4.92			0	7001711
Total Hexa CDF **	pg/g	0.475	0.110	4.92			2	7001711
Total Hepta CDF **	pg/g	0.157	0.101	4.92			1	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.92	0.11	0.98	0.100	0.0920		7010012
TOTAL TOXIC EQUIVALENCY	pg/g					0.717		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ304						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	62						7010012
37CL4 2378 Tetra CDD *	%	103						7001711
C13-1234678 HeptaCDD *	%	75						7001711
C13-1234678 HeptaCDF **	%	71						7001711
C13-123478 HexaCDD *	%	86						7001711
C13-123478 HexaCDF **	%	85						7001711
C13-1234789 HeptaCDF **	%	85						7001711
C13-123678 HexaCDD *	%	92						7001711
C13-123678 HexaCDF **	%	83						7001711
C13-12378 PentaCDD *	%	85						7001711
C13-12378 PentaCDF **	%	76						7001711
C13-123789 HexaCDF **	%	91						7001711
C13-234678 HexaCDF **	%	80						7001711
C13-23478 PentaCDF **	%	83						7001711
C13-2378 TetraCDD *	%	83						7001711
C13-2378 TetraCDF **	%	88						7001711
C13-OCDD *	%	71						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.989	1.00	0.115		7001711
1,2,3,7,8-Penta CDD *	pg/g	<0.116	0.116	4.95	1.00	0.116		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.95	0.100	0.0117		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.120 (1)	0.120	4.95	0.100	0.0120		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.122	0.122	4.95	0.100	0.0122		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.208	0.101	4.95	0.0100	0.00208		7001711
Octa CDD *	pg/g	0.540	0.105	9.89	0.000300	0.000162		7001711
Total Tetra CDD *	pg/g	0.265	0.115	0.989			1	7001711
Total Penta CDD *	pg/g	<0.116	0.116	4.95			0	7001711
Total Hexa CDD *	pg/g	0.269	0.118	4.95			1	7001711
Total Hepta CDD *	pg/g	0.572	0.101	4.95			2	7001711
2,3,7,8-Tetra CDF **	pg/g	0.523	0.111	0.989	0.100	0.0523		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.95	0.0300	0.00357		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.110	0.110	4.95	0.300	0.0330		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.95	0.100	0.0107		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.95	0.100	0.0109		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.95	0.100	0.0106		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.95	0.0100	0.00112		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.112	0.112	4.95	0.0100	0.00112		7001711
Octa CDF **	pg/g	<0.108	0.108	9.89	0.000300	0.0000324		7001711
Total Tetra CDF **	pg/g	1.80	0.111	0.989			7	7001711
Total Penta CDF **	pg/g	<0.259 (1)	0.259	4.95			0	7001711
Total Hexa CDF **	pg/g	<0.108	0.108	4.95			0	7001711
Total Hepta CDF **	pg/g	<0.112	0.112	4.95			0	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	<0.39 (2)	0.39	0.99	0.100	0.0390		7010012

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ305						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g					0.390		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	64						7010012
37CL4 2378 Tetra CDD *	%	104						7001711
C13-1234678 HeptaCDD *	%	83						7001711
C13-1234678 HeptaCDF **	%	74						7001711
C13-123478 HexaCDD *	%	86						7001711
C13-123478 HexaCDF **	%	85						7001711
C13-1234789 HeptaCDF **	%	86						7001711
C13-123678 HexaCDD *	%	99						7001711
C13-123678 HexaCDF **	%	86						7001711
C13-12378 PentaCDD *	%	86						7001711
C13-12378 PentaCDF **	%	81						7001711
C13-123789 HexaCDF **	%	94						7001711
C13-234678 HexaCDF **	%	85						7001711
C13-23478 PentaCDF **	%	86						7001711
C13-2378 TetraCDD *	%	87						7001711
C13-2378 TetraCDF **	%	92						7001711
C13-OCDD *	%	75						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.111	0.107	0.987	1.00	0.111		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.481	0.110	4.93	1.00	0.481		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.93	0.100	0.0112		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.677	0.111	4.93	0.100	0.0677		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.324	0.116	4.93	0.100	0.0324		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	3.39	0.116	4.93	0.0100	0.0339		7001711
Octa CDD *	pg/g	3.61	0.109	9.87	0.000300	0.00108		7001711
Total Tetra CDD *	pg/g	0.476	0.107	0.987			2	7001711
Total Penta CDD *	pg/g	0.858	0.110	4.93			2	7001711
Total Hexa CDD *	pg/g	3.95	0.113	4.93			4	7001711
Total Hepta CDD *	pg/g	10.3	0.116	4.93			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.29	0.103	0.987	0.100	0.129		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.93	0.0300	0.00324		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.177	0.100	4.93	0.300	0.0531		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102 (1)	0.102	4.93	0.100	0.0102		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.93	0.100	0.0101		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0978	0.0978	4.93	0.100	0.00978		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.102	0.102	4.93	0.100	0.0102		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.243	0.107	4.93	0.0100	0.00243		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.93	0.0100	0.00107		7001711
Octa CDF **	pg/g	0.207	0.117	9.87	0.000300	0.0000621		7001711
Total Tetra CDF **	pg/g	4.51	0.103	0.987			8	7001711
Total Penta CDF **	pg/g	1.08	0.104	4.93			3	7001711
Total Hexa CDF **	pg/g	0.442	0.0997	4.93			2	7001711
Total Hepta CDF **	pg/g	0.243	0.107	4.93			1	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.06	0.12	1.0	0.100	0.106		7010012
TOTAL TOXIC EQUIVALENCY	pg/g					0.944		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ306						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	61						7010012
37CL4 2378 Tetra CDD *	%	95						7001711
C13-1234678 HeptaCDD *	%	86						7001711
C13-1234678 HeptaCDF **	%	73						7001711
C13-123478 HexaCDD *	%	85						7001711
C13-123478 HexaCDF **	%	83						7001711
C13-1234789 HeptaCDF **	%	77						7001711
C13-123678 HexaCDD *	%	90						7001711
C13-123678 HexaCDF **	%	87						7001711
C13-12378 PentaCDD *	%	76						7001711
C13-12378 PentaCDF **	%	73						7001711
C13-123789 HexaCDF **	%	88						7001711
C13-234678 HexaCDF **	%	79						7001711
C13-23478 PentaCDF **	%	77						7001711
C13-2378 TetraCDD *	%	81						7001711
C13-2378 TetraCDF **	%	85						7001711
C13-OCDD *	%	69						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-52	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.184	0.107	0.991	1.00	0.184		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.716	0.101	4.96	1.00	0.716		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.96	0.100	0.0103		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	<1.28 (1)	1.28	4.96	0.100	0.128		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.380	0.107	4.96	0.100	0.0380		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.25	0.112	4.96	0.0100	0.0225		7001711
Octa CDD *	pg/g	2.34	0.111	9.91	0.000300	0.000702		7001711
Total Tetra CDD *	pg/g	1.05	0.107	0.991			3	7001711
Total Penta CDD *	pg/g	0.716	0.101	4.96			1	7001711
Total Hexa CDD *	pg/g	4.01	0.104	4.96			3	7001711
Total Hepta CDD *	pg/g	7.67	0.112	4.96			2	7001711
2,3,7,8-Tetra CDF **	pg/g	2.89	0.106	0.991	0.100	0.289		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.161 (2)	0.161	4.96	0.0300	0.00483		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.342	0.106	4.96	0.300	0.103		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.155 (1)	0.155	4.96	0.100	0.0155		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.96	0.100	0.0107		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.337	0.106	4.96	0.0100	0.00337		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.96	0.0100	0.00106		7001711
Octa CDF **	pg/g	0.254	0.111	9.91	0.000300	0.0000762		7001711
Total Tetra CDF **	pg/g	9.35	0.106	0.991			9	7001711
Total Penta CDF **	pg/g	0.842	0.110	4.96			2	7001711
Total Hexa CDF **	pg/g	1.03	0.104	4.96			4	7001711
Total Hepta CDF **	pg/g	0.752	0.106	4.96			2	7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ307						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-52	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.13	0.11	0.99	0.100	0.213		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					1.47		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	62						7011838
37CL4 2378 Tetra CDD *	%	93						7001711
C13-1234678 HeptaCDD *	%	80						7001711
C13-1234678 HeptaCDF **	%	69						7001711
C13-123478 HexaCDD *	%	85						7001711
C13-123478 HexaCDF **	%	85						7001711
C13-1234789 HeptaCDF **	%	73						7001711
C13-123678 HexaCDD *	%	96						7001711
C13-123678 HexaCDF **	%	84						7001711
C13-12378 PentaCDD *	%	78						7001711
C13-12378 PentaCDF **	%	75						7001711
C13-123789 HexaCDF **	%	91						7001711
C13-234678 HexaCDF **	%	82						7001711
C13-23478 PentaCDF **	%	79						7001711
C13-2378 TetraCDD *	%	82						7001711
C13-2378 TetraCDF **	%	87						7001711
C13-OCDD *	%	71						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ308						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-53	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.986	1.00	0.105		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.399	0.110	4.93	1.00	0.399		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	0.128	0.115	4.93	0.100	0.0128		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	1.11	0.114	4.93	0.100	0.111		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.397	0.119	4.93	0.100	0.0397		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	5.61	0.111	4.93	0.0100	0.0561		7001711
Octa CDD *	pg/g	13.7	0.116	9.86	0.000300	0.00411		7001711
Total Tetra CDD *	pg/g	0.832	0.105	0.986			1	7001711
Total Penta CDD *	pg/g	0.906	0.110	4.93			3	7001711
Total Hexa CDD *	pg/g	4.84	0.115	4.93			5	7001711
Total Hepta CDD *	pg/g	15.7	0.111	4.93			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.59	0.111	0.986	0.100	0.159		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.166 (1)	0.166	4.93	0.0300	0.00498		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.217 (1)	0.217	4.93	0.300	0.0651		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	0.168	0.110	4.93	0.100	0.0168		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	0.150	0.113	4.93	0.100	0.0150		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.93	0.100	0.0109		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.93	0.100	0.0114		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.428 (1)	0.428	4.93	0.0100	0.00428		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.93	0.0100	0.00103		7001711
Octa CDF **	pg/g	0.353	0.0998	9.86	0.000300	0.000106		7001711
Total Tetra CDF **	pg/g	6.46	0.111	0.986			9	7001711
Total Penta CDF **	pg/g	0.477	0.104	4.93			1	7001711
Total Hexa CDF **	pg/g	1.29	0.111	4.93			5	7001711
Total Hepta CDF **	pg/g	0.390	0.103	4.93			1	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.27	0.11	0.99	0.100	0.127		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.984		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ308						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-53	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	71						7011838
37CL4 2378 Tetra CDD *	%	108						7001711
C13-1234678 HeptaCDD *	%	97						7001711
C13-1234678 HeptaCDF **	%	85						7001711
C13-123478 HexaCDD *	%	99						7001711
C13-123478 HexaCDF **	%	102						7001711
C13-1234789 HeptaCDF **	%	95						7001711
C13-123678 HexaCDD *	%	112						7001711
C13-123678 HexaCDF **	%	98						7001711
C13-12378 PentaCDD *	%	91						7001711
C13-12378 PentaCDF **	%	88						7001711
C13-123789 HexaCDF **	%	110						7001711
C13-234678 HexaCDF **	%	97						7001711
C13-23478 PentaCDF **	%	93						7001711
C13-2378 TetraCDD *	%	96						7001711
C13-2378 TetraCDF **	%	102						7001711
C13-OCDD *	%	85						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ309						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-54	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.976	1.00	0.105		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.246	0.105	4.88	1.00	0.246		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0985	0.0985	4.88	0.100	0.00985		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.454 (1)	0.454	4.88	0.100	0.0454		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.271	0.103	4.88	0.100	0.0271		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.842	0.110	4.88	0.0100	0.00842		7001711
Octa CDD *	pg/g	1.25	0.108	9.76	0.000300	0.000375		7001711
Total Tetra CDD *	pg/g	0.400	0.105	0.976			1	7001711
Total Penta CDD *	pg/g	0.574	0.105	4.88			3	7001711
Total Hexa CDD *	pg/g	1.84	0.0993	4.88			3	7001711
Total Hepta CDD *	pg/g	2.25	0.110	4.88			2	7001711
2,3,7,8-Tetra CDF **	pg/g	0.975	0.109	0.976	0.100	0.0975		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.102	0.102	4.88	0.0300	0.00306		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.162	0.0950	4.88	0.300	0.0486		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	0.139	0.0980	4.88	0.100	0.0139		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.101	0.101	4.88	0.100	0.0101		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0976	0.0976	4.88	0.100	0.00976		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.102	0.102	4.88	0.100	0.0102		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.252	0.116	4.88	0.0100	0.00252		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.88	0.0100	0.00115		7001711
Octa CDF **	pg/g	<0.204 (1)	0.204	9.76	0.000300	0.0000612		7001711
Total Tetra CDF **	pg/g	3.24	0.109	0.976			7	7001711
Total Penta CDF **	pg/g	0.850	0.0984	4.88			4	7001711
Total Hexa CDF **	pg/g	0.528	0.0995	4.88			3	7001711
Total Hepta CDF **	pg/g	0.406	0.116	4.88			2	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.71	0.13	0.98	0.100	0.0710		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.612		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ309						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-54	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	56						7011838
37CL4 2378 Tetra CDD *	%	81						7001711
C13-1234678 HeptaCDD *	%	69						7001711
C13-1234678 HeptaCDF **	%	65						7001711
C13-123478 HexaCDD *	%	78						7001711
C13-123478 HexaCDF **	%	78						7001711
C13-1234789 HeptaCDF **	%	67						7001711
C13-123678 HexaCDD *	%	86						7001711
C13-123678 HexaCDF **	%	80						7001711
C13-12378 PentaCDD *	%	71						7001711
C13-12378 PentaCDF **	%	68						7001711
C13-123789 HexaCDF **	%	81						7001711
C13-234678 HexaCDF **	%	73						7001711
C13-23478 PentaCDF **	%	70						7001711
C13-2378 TetraCDD *	%	75						7001711
C13-2378 TetraCDF **	%	79						7001711
C13-OCDD *	%	62						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ310						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-55	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.985	1.00	0.102		7001711
1,2,3,7,8-Penta CDD *	pg/g	<0.358 (1)	0.358	4.92	1.00	0.358		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.92	0.100	0.0102		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.757	0.102	4.92	0.100	0.0757		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.243	0.107	4.92	0.100	0.0243		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.537	0.106	4.92	0.0100	0.00537		7001711
Octa CDD *	pg/g	0.715	0.103	9.85	0.000300	0.000215		7001711
Total Tetra CDD *	pg/g	<0.236 (1)	0.236	0.985			0	7001711
Total Penta CDD *	pg/g	0.411	0.103	4.92			1	7001711
Total Hexa CDD *	pg/g	2.99	0.103	4.92			4	7001711
Total Hepta CDD *	pg/g	1.40	0.106	4.92			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.05	0.110	0.985	0.100	0.105		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.92	0.0300	0.00351		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.142	0.109	4.92	0.300	0.0426		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	0.112	0.107	4.92	0.100	0.0112		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.92	0.100	0.0110		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.92	0.100	0.0107		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.92	0.100	0.0111		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.159	0.107	4.92	0.0100	0.00159		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.92	0.0100	0.00107		7001711
Octa CDF **	pg/g	<0.112 (1)	0.112	9.85	0.000300	0.0000336		7001711
Total Tetra CDF **	pg/g	3.90	0.110	0.985			7	7001711
Total Penta CDF **	pg/g	0.957	0.113	4.92			3	7001711
Total Hexa CDF **	pg/g	0.478	0.109	4.92			3	7001711
Total Hepta CDF **	pg/g	0.159	0.107	4.92			1	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.90	0.13	0.98	0.100	0.0900		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.759		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ310						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-55	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	59						7011838
37CL4 2378 Tetra CDD *	%	86						7001711
C13-1234678 HeptaCDD *	%	71						7001711
C13-1234678 HeptaCDF **	%	66						7001711
C13-123478 HexaCDD *	%	75						7001711
C13-123478 HexaCDF **	%	79						7001711
C13-1234789 HeptaCDF **	%	72						7001711
C13-123678 HexaCDD *	%	85						7001711
C13-123678 HexaCDF **	%	76						7001711
C13-12378 PentaCDD *	%	74						7001711
C13-12378 PentaCDF **	%	69						7001711
C13-123789 HexaCDF **	%	83						7001711
C13-234678 HexaCDF **	%	75						7001711
C13-23478 PentaCDF **	%	76						7001711
C13-2378 TetraCDD *	%	80						7001711
C13-2378 TetraCDF **	%	83						7001711
C13-OCDD *	%	67						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-56	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.996	1.00	0.111		7001711
1,2,3,7,8-Penta CDD *	pg/g	<0.314 (1)	0.314	4.98	1.00	0.314		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.98	0.100	0.0105		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.844	0.105	4.98	0.100	0.0844		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.251 (1)	0.251	4.98	0.100	0.0251		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	3.82	0.118	4.98	0.0100	0.0382		7001711
Octa CDD *	pg/g	8.75	0.102	9.96	0.000300	0.00263		7001711
Total Tetra CDD *	pg/g	0.711	0.111	0.996			2	7001711
Total Penta CDD *	pg/g	<0.359 (1)	0.359	4.98			0	7001711
Total Hexa CDD *	pg/g	4.25	0.106	4.98			4	7001711
Total Hepta CDD *	pg/g	14.5	0.118	4.98			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.16	0.111	0.996	0.100	0.116		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.110	0.110	4.98	0.0300	0.00330		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.162	0.103	4.98	0.300	0.0486		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0990	0.0990	4.98	0.100	0.00990		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.98	0.100	0.0102		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0986	0.0986	4.98	0.100	0.00986		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.98	0.100	0.0103		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.377	0.115	4.98	0.0100	0.00377		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.98	0.0100	0.00114		7001711
Octa CDF **	pg/g	0.300	0.110	9.96	0.000300	0.0000900		7001711
Total Tetra CDF **	pg/g	5.32	0.111	0.996			10	7001711
Total Penta CDF **	pg/g	1.06	0.106	4.98			3	7001711
Total Hexa CDF **	pg/g	0.399	0.101	4.98			1	7001711
Total Hepta CDF **	pg/g	0.686	0.114	4.98			2	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.82	0.10	1.0	0.100	0.0820		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.765		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ311						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-56	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	64						7011838
37CL4 2378 Tetra CDD *	%	99						7001711
C13-1234678 HeptaCDD *	%	83						7001711
C13-1234678 HeptaCDF **	%	75						7001711
C13-123478 HexaCDD *	%	89						7001711
C13-123478 HexaCDF **	%	87						7001711
C13-1234789 HeptaCDF **	%	83						7001711
C13-123678 HexaCDD *	%	97						7001711
C13-123678 HexaCDF **	%	86						7001711
C13-12378 PentaCDD *	%	80						7001711
C13-12378 PentaCDF **	%	78						7001711
C13-123789 HexaCDF **	%	94						7001711
C13-234678 HexaCDF **	%	85						7001711
C13-23478 PentaCDF **	%	81						7001711
C13-2378 TetraCDD *	%	85						7001711
C13-2378 TetraCDF **	%	89						7001711
C13-OCDD *	%	76						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-57	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.203	0.115	0.996	1.00	0.203		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.568	0.113	4.98	1.00	0.568		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	0.126	0.115	4.98	0.100	0.0126		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.947	0.114	4.98	0.100	0.0947		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.351	0.119	4.98	0.100	0.0351		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.89	0.116	4.98	0.0100	0.0189		7001711
Octa CDD *	pg/g	4.51	0.115	9.96	0.000300	0.00135		7001711
Total Tetra CDD *	pg/g	1.45	0.115	0.996			3	7001711
Total Penta CDD *	pg/g	0.568	0.113	4.98			1	7001711
Total Hexa CDD *	pg/g	3.50	0.116	4.98			4	7001711
Total Hepta CDD *	pg/g	7.27	0.116	4.98			2	7001711
2,3,7,8-Tetra CDF **	pg/g	2.87	0.105	0.996	0.100	0.287		7001711
1,2,3,7,8-Penta CDF **	pg/g	0.215	0.113	4.98	0.0300	0.00645		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.294 (1)	0.294	4.98	0.300	0.0882		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	0.179	0.105	4.98	0.100	0.0179		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	0.110	0.108	4.98	0.100	0.0110		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.98	0.100	0.0105		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.98	0.100	0.0109		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.274	0.103	4.98	0.0100	0.00274		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.103	0.103	4.98	0.0100	0.00103		7001711
Octa CDF **	pg/g	0.378	0.110	9.96	0.000300	0.000113		7001711
Total Tetra CDF **	pg/g	10.7	0.105	0.996			11	7001711
Total Penta CDF **	pg/g	0.767	0.109	4.98			3	7001711
Total Hexa CDF **	pg/g	0.761	0.107	4.98			4	7001711
Total Hepta CDF **	pg/g	0.573	0.103	4.98			2	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	2.34	0.11	1.0	0.100	0.234		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					1.32		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ315						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-57	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	60						7011838
37CL4 2378 Tetra CDD *	%	103						7001711
C13-1234678 HeptaCDD *	%	77						7001711
C13-1234678 HeptaCDF **	%	72						7001711
C13-123478 HexaCDD *	%	82						7001711
C13-123478 HexaCDF **	%	82						7001711
C13-1234789 HeptaCDF **	%	77						7001711
C13-123678 HexaCDD *	%	87						7001711
C13-123678 HexaCDF **	%	78						7001711
C13-12378 PentaCDD *	%	75						7001711
C13-12378 PentaCDF **	%	71						7001711
C13-123789 HexaCDF **	%	92						7001711
C13-234678 HexaCDF **	%	79						7001711
C13-23478 PentaCDF **	%	77						7001711
C13-2378 TetraCDD *	%	82						7001711
C13-2378 TetraCDF **	%	86						7001711
C13-OCDD *	%	65						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ340						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-58	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.967	1.00	0.109		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.380	0.110	4.83	1.00	0.380		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.83	0.100	0.0103		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.983	0.103	4.83	0.100	0.0983		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.314	0.108	4.83	0.100	0.0314		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	6.25	0.110	4.83	0.0100	0.0625		7001711
Octa CDD *	pg/g	12.6	0.105	9.67	0.000300	0.00378		7001711
Total Tetra CDD *	pg/g	0.646	0.109	0.967			1	7001711
Total Penta CDD *	pg/g	0.793	0.110	4.83			2	7001711
Total Hexa CDD *	pg/g	4.10	0.104	4.83			4	7001711
Total Hepta CDD *	pg/g	16.2	0.110	4.83			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.99	0.0983	0.967	0.100	0.199		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.83	0.0300	0.00321		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.255	0.100	4.83	0.300	0.0765		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120 (1)	0.120	4.83	0.100	0.0120		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.83	0.100	0.0102		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.83	0.100	0.00989		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.83	0.100	0.0103		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.410	0.102	4.83	0.0100	0.00410		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.83	0.0100	0.00101		7001711
Octa CDF **	pg/g	0.261	0.113	9.67	0.000300	0.0000783		7001711
Total Tetra CDF **	pg/g	6.87	0.0983	0.967			8	7001711
Total Penta CDF **	pg/g	1.33	0.104	4.83			3	7001711
Total Hexa CDF **	pg/g	1.09	0.101	4.83			3	7001711
Total Hepta CDF **	pg/g	0.723	0.102	4.83			2	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.49	0.12	0.97	0.100	0.149		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.972		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ340						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-58	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	60						7011838
37CL4 2378 Tetra CDD *	%	95						7001711
C13-1234678 HeptaCDD *	%	82						7001711
C13-1234678 HeptaCDF **	%	77						7001711
C13-123478 HexaCDD *	%	84						7001711
C13-123478 HexaCDF **	%	84						7001711
C13-1234789 HeptaCDF **	%	79						7001711
C13-123678 HexaCDD *	%	93						7001711
C13-123678 HexaCDF **	%	91						7001711
C13-12378 PentaCDD *	%	79						7001711
C13-12378 PentaCDF **	%	75						7001711
C13-123789 HexaCDF **	%	90						7001711
C13-234678 HexaCDF **	%	80						7001711
C13-23478 PentaCDF **	%	79						7001711
C13-2378 TetraCDD *	%	80						7001711
C13-2378 TetraCDF **	%	87						7001711
C13-OCDD *	%	69						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ359						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-59	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106 (1)	0.106	0.997	1.00	0.106		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.382	0.104	4.99	1.00	0.382		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.99	0.100	0.0100		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	0.609	0.0996	4.99	0.100	0.0609		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	0.232	0.104	4.99	0.100	0.0232		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.380	0.114	4.99	0.0100	0.00380		7001711
Octa CDD *	pg/g	0.483	0.111	9.97	0.000300	0.000145		7001711
Total Tetra CDD *	pg/g	0.765	0.106	0.997			2	7001711
Total Penta CDD *	pg/g	0.382	0.104	4.99			1	7001711
Total Hexa CDD *	pg/g	1.92	0.101	4.99			4	7001711
Total Hepta CDD *	pg/g	0.380	0.114	4.99			1	7001711
2,3,7,8-Tetra CDF **	pg/g	1.58	0.101	0.997	0.100	0.158		7001711
1,2,3,7,8-Penta CDF **	pg/g	0.174	0.121	4.99	0.0300	0.00522		7001711
2,3,4,7,8-Penta CDF **	pg/g	0.197	0.113	4.99	0.300	0.0591		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.139 (1)	0.139	4.99	0.100	0.0139		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.99	0.100	0.0117		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.99	0.100	0.0118		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.165	0.108	4.99	0.0100	0.00165		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.99	0.0100	0.00107		7001711
Octa CDF **	pg/g	0.185	0.107	9.97	0.000300	0.0000555		7001711
Total Tetra CDF **	pg/g	4.89	0.101	0.997			8	7001711
Total Penta CDF **	pg/g	0.553	0.117	4.99			3	7001711
Total Hexa CDF **	pg/g	<0.144 (1)	0.144	4.99			0	7001711
Total Hepta CDF **	pg/g	0.165	0.107	4.99			1	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.23	0.11	1.0	0.100	0.123		7011838
TOTAL TOXIC EQUIVALENCY	pg/g					0.825		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ359						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-59	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	61						7011838
37CL4 2378 Tetra CDD *	%	91						7001711
C13-1234678 HeptaCDD *	%	91						7001711
C13-1234678 HeptaCDF **	%	81						7001711
C13-123478 HexaCDD *	%	88						7001711
C13-123478 HexaCDF **	%	89						7001711
C13-1234789 HeptaCDF **	%	89						7001711
C13-123678 HexaCDD *	%	97						7001711
C13-123678 HexaCDF **	%	95						7001711
C13-12378 PentaCDD *	%	80						7001711
C13-12378 PentaCDF **	%	77						7001711
C13-123789 HexaCDF **	%	97						7001711
C13-234678 HexaCDF **	%	85						7001711
C13-23478 PentaCDF **	%	82						7001711
C13-2378 TetraCDD *	%	84						7001711
C13-2378 TetraCDF **	%	87						7001711
C13-OCDD *	%	89						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ360						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-60	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.988	1.00	0.102		7001711
1,2,3,7,8-Penta CDD *	pg/g	0.262	0.111	4.94	1.00	0.262		7001711
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.94	0.100	0.0102		7001711
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.418 (1)	0.418	4.94	0.100	0.0418		7001711
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.151 (1)	0.151	4.94	0.100	0.0151		7001711
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.542	0.113	4.94	0.0100	0.00542		7001711
Octa CDD *	pg/g	0.695	0.116	9.88	0.000300	0.000209		7001711
Total Tetra CDD *	pg/g	0.548	0.102	0.988			1	7001711
Total Penta CDD *	pg/g	0.507	0.111	4.94			2	7001711
Total Hexa CDD *	pg/g	1.15	0.103	4.94			2	7001711
Total Hepta CDD *	pg/g	1.26	0.113	4.94			2	7001711
2,3,7,8-Tetra CDF **	pg/g	1.07	0.103	0.988	0.100	0.107		7001711
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.94	0.0300	0.00348		7001711
2,3,4,7,8-Penta CDF **	pg/g	<0.140 (2)	0.140	4.94	0.300	0.0420		7001711
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.94	0.100	0.0100		7001711
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.94	0.100	0.0103		7001711
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0996	0.0996	4.94	0.100	0.00996		7001711
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.104	0.104	4.94	0.100	0.0104		7001711
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.130 (1)	0.130	4.94	0.0100	0.00130		7001711
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0991	0.0991	4.94	0.0100	0.000991		7001711
Octa CDF **	pg/g	0.159	0.106	9.88	0.000300	0.0000477		7001711
Total Tetra CDF **	pg/g	4.68	0.103	0.988			7	7001711
Total Penta CDF **	pg/g	0.219	0.112	4.94			1	7001711
Total Hexa CDF **	pg/g	0.150	0.102	4.94			1	7001711
Total Hepta CDF **	pg/g	<0.152 (1)	0.152	4.94			0	7001711
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.84	0.11	0.99	0.100	0.0840		7011838

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ360						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-HEP-60	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g					0.609		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	61						7011838
37CL4 2378 Tetra CDD *	%	93						7001711
C13-1234678 HeptaCDD *	%	81						7001711
C13-1234678 HeptaCDF **	%	74						7001711
C13-123478 HexaCDD *	%	90						7001711
C13-123478 HexaCDF **	%	86						7001711
C13-1234789 HeptaCDF **	%	79						7001711
C13-123678 HexaCDD *	%	97						7001711
C13-123678 HexaCDF **	%	86						7001711
C13-12378 PentaCDD *	%	80						7001711
C13-12378 PentaCDF **	%	73						7001711
C13-123789 HexaCDF **	%	92						7001711
C13-234678 HexaCDF **	%	84						7001711
C13-23478 PentaCDF **	%	80						7001711
C13-2378 TetraCDD *	%	84						7001711
C13-2378 TetraCDF **	%	84						7001711
C13-OCDD *	%	79						7001711

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.111	0.111	0.988	1.00	0.111		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.106	0.106	4.94	1.00	0.106		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.94	0.100	0.0104		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.94	0.100	0.0104		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.94	0.100	0.0109		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.94	0.0100	0.00103		7038687
Octa CDD *	pg/g	0.138	0.0996	9.88	0.000300	0.0000414		7038687
Total Tetra CDD *	pg/g	<0.206 (1)	0.206	0.988			0	7038687
Total Penta CDD *	pg/g	<0.206 (1)	0.206	4.94			0	7038687
Total Hexa CDD *	pg/g	<0.416 (1)	0.416	4.94			0	7038687
Total Hepta CDD *	pg/g	<0.103	0.103	4.94			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.988	0.100	0.0114		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.94	0.0300	0.00360		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.94	0.300	0.0333		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.94	0.100	0.0106		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.94	0.100	0.0109		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.94	0.100	0.0106		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.94	0.100	0.0110		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.358	0.116	4.94	0.0100	0.00358		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	4.94	0.0100	0.00116		7038687
Octa CDF **	pg/g	0.145	0.0994	9.88	0.000300	0.0000435		7038687
Total Tetra CDF **	pg/g	<0.114	0.114	0.988			0	7038687
Total Penta CDF **	pg/g	<0.115	0.115	4.94			0	7038687
Total Hexa CDF **	pg/g	<0.108	0.108	4.94			0	7038687
Total Hepta CDF **	pg/g	0.593	0.116	4.94			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.346		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ361						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7038687
C13-1234678 HeptaCDF **	%	85						7038687
C13-123478 HexaCDD *	%	90						7038687
C13-123478 HexaCDF **	%	76						7038687
C13-1234789 HeptaCDF **	%	101						7038687
C13-123678 HexaCDD *	%	108						7038687
C13-123678 HexaCDF **	%	73						7038687
C13-12378 PentaCDD *	%	96						7038687
C13-12378 PentaCDF **	%	77						7038687
C13-123789 HexaCDF **	%	111						7038687
C13-234678 HexaCDF **	%	79						7038687
C13-23478 PentaCDF **	%	91						7038687
C13-2378 TetraCDD *	%	94						7038687
C13-2378 TetraCDF **	%	91						7038687
C13-OCDD *	%	124						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.981	1.00	0.102		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.0983	0.0983	4.90	1.00	0.0983		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.90	0.100	0.0100		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.90	0.100	0.0100		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.90	0.100	0.0105		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.153	0.105	4.90	0.0100	0.00153		7038687
Octa CDD *	pg/g	1.13	0.101	9.81	0.000300	0.000339		7038687
Total Tetra CDD *	pg/g	<0.241 (1)	0.241	0.981			0	7038687
Total Penta CDD *	pg/g	<0.235 (1)	0.235	4.90			0	7038687
Total Hexa CDD *	pg/g	<0.470 (1)	0.470	4.90			0	7038687
Total Hepta CDD *	pg/g	0.313	0.105	4.90			2	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.108	0.108	0.981	0.100	0.0108		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.90	0.0300	0.00324		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.90	0.300	0.0303		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.90	0.100	0.0111		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.90	0.100	0.0114		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.90	0.100	0.0110		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.90	0.100	0.0115		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.392	0.111	4.90	0.0100	0.00392		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.110	0.110	4.90	0.0100	0.00110		7038687
Octa CDF **	pg/g	0.188	0.106	9.81	0.000300	0.0000564		7038687
Total Tetra CDF **	pg/g	<0.108	0.108	0.981				7038687
Total Penta CDF **	pg/g	<0.104	0.104	4.90			0	7038687
Total Hexa CDF **	pg/g	<0.113	0.113	4.90			0	7038687
Total Hepta CDF **	pg/g	0.722	0.110	4.90			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.327		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ362						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	104						7038687
C13-1234678 HeptaCDF **	%	87						7038687
C13-123478 HexaCDD *	%	94						7038687
C13-123478 HexaCDF **	%	79						7038687
C13-1234789 HeptaCDF **	%	103						7038687
C13-123678 HexaCDD *	%	115						7038687
C13-123678 HexaCDF **	%	84						7038687
C13-12378 PentaCDD *	%	91						7038687
C13-12378 PentaCDF **	%	74						7038687
C13-123789 HexaCDF **	%	114						7038687
C13-234678 HexaCDF **	%	81						7038687
C13-23478 PentaCDF **	%	88						7038687
C13-2378 TetraCDD *	%	96						7038687
C13-2378 TetraCDF **	%	88						7038687
C13-OCDD *	%	128						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.996	1.00	0.109		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.115	0.115	4.98	1.00	0.115		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.98	0.100	0.0104		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.98	0.100	0.0108		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.98	0.0100	0.00111		7038687
Octa CDD *	pg/g	0.165	0.107	9.96	0.000300	0.0000495		7038687
Total Tetra CDD *	pg/g	<0.235 (1)	0.235	0.996			0	7038687
Total Penta CDD *	pg/g	<0.154 (1)	0.154	4.98			0	7038687
Total Hexa CDD *	pg/g	<0.528 (1)	0.528	4.98			0	7038687
Total Hepta CDD *	pg/g	<0.111	0.111	4.98			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.996	0.100	0.0105		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.98	0.0300	0.00336		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.98	0.300	0.0312		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.98	0.100	0.0110		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.341	0.106	4.98	0.0100	0.00341		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.106	0.106	4.98	0.0100	0.00106		7038687
Octa CDF **	pg/g	0.157	0.107	9.96	0.000300	0.0000471		7038687
Total Tetra CDF **	pg/g	<0.105	0.105	0.996			0	7038687
Total Penta CDF **	pg/g	<0.108	0.108	4.98			0	7038687
Total Hexa CDF **	pg/g	<0.112	0.112	4.98			0	7038687
Total Hepta CDF **	pg/g	0.578	0.106	4.98			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.351		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	114						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ363						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	104						7038687
C13-1234678 HeptaCDF **	%	88						7038687
C13-123478 HexaCDD *	%	95						7038687
C13-123478 HexaCDF **	%	78						7038687
C13-1234789 HeptaCDF **	%	103						7038687
C13-123678 HexaCDD *	%	107						7038687
C13-123678 HexaCDF **	%	76						7038687
C13-12378 PentaCDD *	%	98						7038687
C13-12378 PentaCDF **	%	74						7038687
C13-123789 HexaCDF **	%	115						7038687
C13-234678 HexaCDF **	%	82						7038687
C13-23478 PentaCDF **	%	87						7038687
C13-2378 TetraCDD *	%	98						7038687
C13-2378 TetraCDF **	%	92						7038687
C13-OCDD *	%	130						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0995	0.0995	0.980	1.00	0.0995		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.90	1.00	0.114		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0982	0.0982	4.90	0.100	0.00982		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0978	0.0978	4.90	0.100	0.00978		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.102	0.102	4.90	0.100	0.0102		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.180	0.102	4.90	0.0100	0.00180		7038687
Octa CDD *	pg/g	0.295	0.108	9.80	0.000300	0.0000885		7038687
Total Tetra CDD *	pg/g	<0.259 (1)	0.259	0.980			0	7038687
Total Penta CDD *	pg/g	<0.217 (1)	0.217	4.90			0	7038687
Total Hexa CDD *	pg/g	<0.452 (1)	0.452	4.90			0	7038687
Total Hepta CDD *	pg/g	0.180	0.102	4.90			1	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.102	0.102	0.980	0.100	0.0102		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.90	0.0300	0.00324		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.90	0.300	0.0303		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.90	0.100	0.0109		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.90	0.100	0.0112		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.90	0.100	0.0108		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.90	0.100	0.0113		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.369	0.105	4.90	0.0100	0.00369		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.90	0.0100	0.00105		7038687
Octa CDF **	pg/g	0.128	0.107	9.80	0.000300	0.0000384		7038687
Total Tetra CDF **	pg/g	<0.102	0.102	0.980			0	7038687
Total Penta CDF **	pg/g	<0.105	0.105	4.90			0	7038687
Total Hexa CDF **	pg/g	<0.110	0.110	4.90			0	7038687
Total Hepta CDF **	pg/g	0.606	0.105	4.90			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.338		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ367						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	106						7038687
C13-1234678 HeptaCDF **	%	90						7038687
C13-123478 HexaCDD *	%	94						7038687
C13-123478 HexaCDF **	%	80						7038687
C13-1234789 HeptaCDF **	%	106						7038687
C13-123678 HexaCDD *	%	117						7038687
C13-123678 HexaCDF **	%	79						7038687
C13-12378 PentaCDD *	%	96						7038687
C13-12378 PentaCDF **	%	76						7038687
C13-123789 HexaCDF **	%	115						7038687
C13-234678 HexaCDF **	%	85						7038687
C13-23478 PentaCDF **	%	89						7038687
C13-2378 TetraCDD *	%	97						7038687
C13-2378 TetraCDF **	%	94						7038687
C13-OCDD *	%	129						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.992	1.00	0.108		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.96	1.00	0.105		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.96	0.100	0.0104		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.96	0.100	0.0103		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.96	0.100	0.0108		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.96	0.0100	0.00111		7038687
Octa CDD *	pg/g	<0.251 (1)	0.251	9.92	0.000300	0.0000753		7038687
Total Tetra CDD *	pg/g	<0.257 (1)	0.257	0.992			0	7038687
Total Penta CDD *	pg/g	<0.193 (1)	0.193	4.96			0	7038687
Total Hexa CDD *	pg/g	<0.500 (1)	0.500	4.96			0	7038687
Total Hepta CDD *	pg/g	<0.111	0.111	4.96			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.992	0.100	0.0107		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.112	0.112	4.96	0.0300	0.00336		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.104	0.104	4.96	0.300	0.0312		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.96	0.100	0.0105		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.96	0.100	0.0102		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.96	0.100	0.0106		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.382	0.111	4.96	0.0100	0.00382		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.96	0.0100	0.00111		7038687
Octa CDF **	pg/g	0.206	0.105	9.92	0.000300	0.0000618		7038687
Total Tetra CDF **	pg/g	<0.107	0.107	0.992			0	7038687
Total Penta CDF **	pg/g	<0.108	0.108	4.96			0	7038687
Total Hexa CDF **	pg/g	<0.104	0.104	4.96			0	7038687
Total Hepta CDF **	pg/g	0.661	0.111	4.96			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.337		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ371						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7038687
C13-1234678 HeptaCDF **	%	85						7038687
C13-123478 HexaCDD *	%	94						7038687
C13-123478 HexaCDF **	%	79						7038687
C13-1234789 HeptaCDF **	%	98						7038687
C13-123678 HexaCDD *	%	111						7038687
C13-123678 HexaCDF **	%	78						7038687
C13-12378 PentaCDD *	%	92						7038687
C13-12378 PentaCDF **	%	78						7038687
C13-123789 HexaCDF **	%	113						7038687
C13-234678 HexaCDF **	%	83						7038687
C13-23478 PentaCDF **	%	88						7038687
C13-2378 TetraCDD *	%	96						7038687
C13-2378 TetraCDF **	%	96						7038687
C13-OCDD *	%	119						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.995	1.00	0.102		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.98	1.00	0.117		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0988	0.0988	4.98	0.100	0.00988		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0984	0.0984	4.98	0.100	0.00984		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.98	0.100	0.0103		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.98	0.0100	0.00103		7038687
Octa CDD *	pg/g	<0.181 (1)	0.181	9.95	0.000300	0.0000543		7038687
Total Tetra CDD *	pg/g	<0.282 (1)	0.282	0.995			0	7038687
Total Penta CDD *	pg/g	<0.156 (1)	0.156	4.98			0	7038687
Total Hexa CDD *	pg/g	<0.453 (1)	0.453	4.98			0	7038687
Total Hepta CDD *	pg/g	<0.103	0.103	4.98			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.111	0.111	0.995	0.100	0.0111		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.98	0.0300	0.00357		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.98	0.300	0.0333		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.98	0.100	0.0113		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.98	0.100	0.0118		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.348	0.103	4.98	0.0100	0.00348		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.98	0.0100	0.00102		7038687
Octa CDF **	pg/g	0.186	0.105	9.95	0.000300	0.0000558		7038687
Total Tetra CDF **	pg/g	<0.111	0.111	0.995			0	7038687
Total Penta CDF **	pg/g	<0.115	0.115	4.98			0	7038687
Total Hexa CDF **	pg/g	<0.116	0.116	4.98			0	7038687
Total Hepta CDF **	pg/g	0.546	0.103	4.98			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.349		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	110						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ374						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	105						7038687
C13-1234678 HeptaCDF **	%	86						7038687
C13-123478 HexaCDD *	%	99						7038687
C13-123478 HexaCDF **	%	81						7038687
C13-1234789 HeptaCDF **	%	102						7038687
C13-123678 HexaCDD *	%	114						7038687
C13-123678 HexaCDF **	%	80						7038687
C13-12378 PentaCDD *	%	95						7038687
C13-12378 PentaCDF **	%	76						7038687
C13-123789 HexaCDF **	%	117						7038687
C13-234678 HexaCDF **	%	84						7038687
C13-23478 PentaCDF **	%	89						7038687
C13-2378 TetraCDD *	%	97						7038687
C13-2378 TetraCDF **	%	96						7038687
C13-OCDD *	%	131						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.102	0.102	0.983	1.00	0.102		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.113	0.113	4.92	1.00	0.113		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.104	0.104	4.92	0.100	0.0104		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.92	0.100	0.0103		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.92	0.100	0.0108		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.101	0.101	4.92	0.0100	0.00101		7038687
Octa CDD *	pg/g	0.290	0.104	9.83	0.000300	0.0000870		7038687
Total Tetra CDD *	pg/g	<0.239 (1)	0.239	0.983			0	7038687
Total Penta CDD *	pg/g	<0.373 (1)	0.373	4.92			0	7038687
Total Hexa CDD *	pg/g	<0.716 (1)	0.716	4.92			0	7038687
Total Hepta CDD *	pg/g	<0.101	0.101	4.92			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.105	0.105	0.983	0.100	0.0105		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.0988	0.0988	4.92	0.0300	0.00296		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.0921	0.0921	4.92	0.300	0.0276		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.92	0.100	0.0113		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.92	0.100	0.0116		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.92	0.100	0.0113		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.92	0.100	0.0117		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.397	0.107	4.92	0.0100	0.00397		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.92	0.0100	0.00107		7038687
Octa CDF **	pg/g	<0.210 (1)	0.210	9.83	0.000300	0.0000630		7038687
Total Tetra CDF **	pg/g	<0.105	0.105	0.983			0	7038687
Total Penta CDF **	pg/g	<0.0953	0.0953	4.92			0	7038687
Total Hexa CDF **	pg/g	<0.115	0.115	4.92			0	7038687
Total Hepta CDF **	pg/g	0.681	0.107	4.92			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.340		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	111						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ377						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	113						7038687
C13-1234678 HeptaCDF **	%	91						7038687
C13-123478 HexaCDD *	%	94						7038687
C13-123478 HexaCDF **	%	84						7038687
C13-1234789 HeptaCDF **	%	107						7038687
C13-123678 HexaCDD *	%	113						7038687
C13-123678 HexaCDF **	%	89						7038687
C13-12378 PentaCDD *	%	80						7038687
C13-12378 PentaCDF **	%	74						7038687
C13-123789 HexaCDF **	%	120						7038687
C13-234678 HexaCDF **	%	87						7038687
C13-23478 PentaCDF **	%	86						7038687
C13-2378 TetraCDD *	%	95						7038687
C13-2378 TetraCDF **	%	94						7038687
C13-OCDD *	%	127						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.985	1.00	0.106		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.114	0.114	4.92	1.00	0.114		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.92	0.100	0.0101		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.92	0.100	0.0101		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.105	0.105	4.92	0.100	0.0105		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.247	0.102	4.92	0.0100	0.00247		7038687
Octa CDD *	pg/g	1.38	0.0993	9.85	0.000300	0.000414		7038687
Total Tetra CDD *	pg/g	<0.258 (1)	0.258	0.985			0	7038687
Total Penta CDD *	pg/g	<0.194 (1)	0.194	4.92			0	7038687
Total Hexa CDD *	pg/g	<0.468 (1)	0.468	4.92			0	7038687
Total Hepta CDD *	pg/g	0.386	0.102	4.92			2	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.101	0.101	0.985	0.100	0.0101		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.92	0.0300	0.00312		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.92	0.300	0.0292		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.92	0.100	0.0109		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.92	0.100	0.0112		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.92	0.100	0.0108		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.92	0.100	0.0113		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.521	0.115	4.92	0.0100	0.00521		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.92	0.0100	0.00115		7038687
Octa CDF **	pg/g	0.391	0.0991	9.85	0.000300	0.000117		7038687
Total Tetra CDF **	pg/g	<0.101	0.101	0.985			0	7038687
Total Penta CDF **	pg/g	<0.101	0.101	4.92			0	7038687
Total Hexa CDF **	pg/g	<0.149 (1)	0.149	4.92			0	7038687
Total Hepta CDF **	pg/g	1.02	0.115	4.92			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.347		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	118						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ378						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	107						7038687
C13-1234678 HeptaCDF **	%	89						7038687
C13-123478 HexaCDD *	%	98						7038687
C13-123478 HexaCDF **	%	83						7038687
C13-1234789 HeptaCDF **	%	107						7038687
C13-123678 HexaCDD *	%	117						7038687
C13-123678 HexaCDF **	%	88						7038687
C13-12378 PentaCDD *	%	95						7038687
C13-12378 PentaCDF **	%	77						7038687
C13-123789 HexaCDF **	%	119						7038687
C13-234678 HexaCDF **	%	86						7038687
C13-23478 PentaCDF **	%	92						7038687
C13-2378 TetraCDD *	%	99						7038687
C13-2378 TetraCDF **	%	95						7038687
C13-OCDD *	%	129						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.115	0.115	0.998	1.00	0.115		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.99	0.100	0.0103		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.99	0.100	0.0102		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.99	0.100	0.0107		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.293 (1)	0.293	4.99	0.0100	0.00293		7038687
Octa CDD *	pg/g	1.57	0.118	9.98	0.000300	0.000471		7038687
Total Tetra CDD *	pg/g	<0.278 (1)	0.278	0.998			0	7038687
Total Penta CDD *	pg/g	<0.181 (1)	0.181	4.99			0	7038687
Total Hexa CDD *	pg/g	<0.451 (1)	0.451	4.99			0	7038687
Total Hepta CDD *	pg/g	0.251	0.104	4.99			1	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.118	0.118	0.998	0.100	0.0118		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.123	0.123	4.99	0.0300	0.00369		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.300	0.0342		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.99	0.100	0.0113		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.403	0.119	4.99	0.0100	0.00403		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.118	0.118	4.99	0.0100	0.00118		7038687
Octa CDF **	pg/g	0.304	0.102	9.98	0.000300	0.0000912		7038687
Total Tetra CDF **	pg/g	<0.118	0.118	0.998			0	7038687
Total Penta CDF **	pg/g	<0.118	0.118	4.99			0	7038687
Total Hexa CDF **	pg/g	<0.112	0.112	4.99			0	7038687
Total Hepta CDF **	pg/g	0.762	0.119	4.99			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.360		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	119						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	105						7038687
C13-1234678 HeptaCDF **	%	85						7038687
C13-123478 HexaCDD *	%	96						7038687
C13-123478 HexaCDF **	%	80						7038687
C13-1234789 HeptaCDF **	%	98						7038687
C13-123678 HexaCDD *	%	108						7038687
C13-123678 HexaCDF **	%	76						7038687
C13-12378 PentaCDD *	%	99						7038687
C13-12378 PentaCDF **	%	77						7038687
C13-123789 HexaCDF **	%	113						7038687
C13-234678 HexaCDF **	%	83						7038687
C13-23478 PentaCDF **	%	92						7038687
C13-2378 TetraCDD *	%	98						7038687
C13-2378 TetraCDF **	%	98						7038687
C13-OCDD *	%	128						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.106	0.106	0.988	1.00	0.106		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.101	0.101	4.94	1.00	0.101		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.94	0.100	0.0109		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.94	0.100	0.0109		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.94	0.100	0.0113		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.108	0.108	4.94	0.0100	0.00108		7038687
Octa CDD *	pg/g	<0.235 (1)	0.235	9.88	0.000300	0.0000705		7038687
Total Tetra CDD *	pg/g	<0.266 (1)	0.266	0.988			0	7038687
Total Penta CDD *	pg/g	<0.189 (1)	0.189	4.94			0	7038687
Total Hexa CDD *	pg/g	<0.514 (1)	0.514	4.94			0	7038687
Total Hepta CDD *	pg/g	<0.108	0.108	4.94			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.0998	0.0998	0.988	0.100	0.00998		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.94	0.0300	0.00357		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.111	0.111	4.94	0.300	0.0333		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.94	0.100	0.0116		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.94	0.100	0.0119		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.94	0.100	0.0115		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.94	0.100	0.0120		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.403	0.112	4.94	0.0100	0.00403		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.94	0.0100	0.00111		7038687
Octa CDF **	pg/g	0.240	0.107	9.88	0.000300	0.0000720		7038687
Total Tetra CDF **	pg/g	<0.0998	0.0998	0.988			0	7038687
Total Penta CDF **	pg/g	<0.115	0.115	4.94			0	7038687
Total Hexa CDF **	pg/g	<0.117	0.117	4.94			0	7038687
Total Hepta CDF **	pg/g	0.727	0.111	4.94			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.340		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	113						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

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** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ395						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7038687
C13-1234678 HeptaCDF **	%	85						7038687
C13-123478 HexaCDD *	%	96						7038687
C13-123478 HexaCDF **	%	78						7038687
C13-1234789 HeptaCDF **	%	110						7038687
C13-123678 HexaCDD *	%	110						7038687
C13-123678 HexaCDF **	%	78						7038687
C13-12378 PentaCDD *	%	94						7038687
C13-12378 PentaCDF **	%	74						7038687
C13-123789 HexaCDF **	%	112						7038687
C13-234678 HexaCDF **	%	82						7038687
C13-23478 PentaCDF **	%	87						7038687
C13-2378 TetraCDD *	%	95						7038687
C13-2378 TetraCDF **	%	93						7038687
C13-OCDD *	%	119						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.104	0.104	0.992	1.00	0.104		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.104	0.104	4.96	1.00	0.104		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.105	0.105	4.96	0.100	0.0105		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.109	0.109	4.96	0.100	0.0109		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.117	0.117	4.96	0.0100	0.00117		7038687
Octa CDD *	pg/g	0.329	0.108	9.92	0.000300	0.0000987		7038687
Total Tetra CDD *	pg/g	<0.263 (1)	0.263	0.992			0	7038687
Total Penta CDD *	pg/g	<0.222 (1)	0.222	4.96			0	7038687
Total Hexa CDD *	pg/g	<0.495 (1)	0.495	4.96			0	7038687
Total Hepta CDD *	pg/g	<0.117	0.117	4.96			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.119	0.119	0.992	0.100	0.0119		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.96	0.0300	0.00351		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.109	0.109	4.96	0.300	0.0327		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.96	0.100	0.0115		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.118	0.118	4.96	0.100	0.0118		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.115	0.115	4.96	0.100	0.0115		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.96	0.100	0.0120		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.436	0.102	4.96	0.0100	0.00436		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.96	0.0100	0.00102		7038687
Octa CDF **	pg/g	0.183	0.104	9.92	0.000300	0.0000549		7038687
Total Tetra CDF **	pg/g	<0.119	0.119	0.992			0	7038687
Total Penta CDF **	pg/g	<0.113	0.113	4.96			0	7038687
Total Hexa CDF **	pg/g	<0.117	0.117	4.96			0	7038687
Total Hepta CDF **	pg/g	0.760	0.102	4.96			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.342		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	108						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ396						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	108						7038687
C13-1234678 HeptaCDF **	%	86						7038687
C13-123478 HexaCDD *	%	91						7038687
C13-123478 HexaCDF **	%	76						7038687
C13-1234789 HeptaCDF **	%	100						7038687
C13-123678 HexaCDD *	%	109						7038687
C13-123678 HexaCDF **	%	76						7038687
C13-12378 PentaCDD *	%	91						7038687
C13-12378 PentaCDF **	%	73						7038687
C13-123789 HexaCDF **	%	109						7038687
C13-234678 HexaCDF **	%	81						7038687
C13-23478 PentaCDF **	%	83						7038687
C13-2378 TetraCDD *	%	97						7038687
C13-2378 TetraCDF **	%	93						7038687
C13-OCDD *	%	127						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.997	1.00	0.107		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.98	1.00	0.111		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.103	0.103	4.98	0.100	0.0103		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.98	0.100	0.0102		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113	0.113	4.98	0.0100	0.00113		7038687
Octa CDD *	pg/g	0.264	0.110	9.97	0.000300	0.0000792		7038687
Total Tetra CDD *	pg/g	<0.264 (1)	0.264	0.997			0	7038687
Total Penta CDD *	pg/g	<0.218 (1)	0.218	4.98			0	7038687
Total Hexa CDD *	pg/g	<0.676 (1)	0.676	4.98			0	7038687
Total Hepta CDD *	pg/g	<0.113	0.113	4.98			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.997	0.100	0.0103		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.98	0.0300	0.00324		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.98	0.300	0.0303		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.98	0.100	0.0117		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.98	0.100	0.0114		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.119	0.119	4.98	0.100	0.0119		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.362	0.109	4.98	0.0100	0.00362		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.98	0.0100	0.00108		7038687
Octa CDF **	pg/g	0.251	0.118	9.97	0.000300	0.0000753		7038687
Total Tetra CDF **	pg/g	<0.103	0.103	0.997			0	7038687
Total Penta CDF **	pg/g	<0.104	0.104	4.98			0	7038687
Total Hexa CDF **	pg/g	<0.116	0.116	4.98			0	7038687
Total Hepta CDF **	pg/g	0.599	0.109	4.98			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.345		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	117						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ398						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	119						7038687
C13-1234678 HeptaCDF **	%	93						7038687
C13-123478 HexaCDD *	%	100						7038687
C13-123478 HexaCDF **	%	86						7038687
C13-1234789 HeptaCDF **	%	115						7038687
C13-123678 HexaCDD *	%	114						7038687
C13-123678 HexaCDF **	%	84						7038687
C13-12378 PentaCDD *	%	99						7038687
C13-12378 PentaCDF **	%	83						7038687
C13-123789 HexaCDF **	%	120						7038687
C13-234678 HexaCDF **	%	90						7038687
C13-23478 PentaCDF **	%	93						7038687
C13-2378 TetraCDD *	%	99						7038687
C13-2378 TetraCDF **	%	96						7038687
C13-OCDD *	%	123						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.116	0.116	0.998	1.00	0.116		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.99	1.00	0.111		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.99	0.100	0.0110		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.115	0.115	4.99	0.100	0.0115		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.111	0.111	4.99	0.0100	0.00111		7038687
Octa CDD *	pg/g	0.204	0.113	9.98	0.000300	0.0000612		7038687
Total Tetra CDD *	pg/g	<0.242 (1)	0.242	0.998			0	7038687
Total Penta CDD *	pg/g	<0.376 (1)	0.376	4.99			0	7038687
Total Hexa CDD *	pg/g	<0.910 (1)	0.910	4.99			0	7038687
Total Hepta CDD *	pg/g	<0.111	0.111	4.99			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.998	0.100	0.0103		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.108	0.108	4.99	0.0300	0.00324		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.99	0.300	0.0303		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.297	0.113	4.99	0.0100	0.00297		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113		7038687
Octa CDF **	pg/g	<0.175 (1)	0.175	9.98	0.000300	0.0000525		7038687
Total Tetra CDF **	pg/g	<0.103	0.103	0.998			0	7038687
Total Penta CDF **	pg/g	<0.104	0.104	4.99			0	7038687
Total Hexa CDF **	pg/g	<0.105	0.105	4.99			0	7038687
Total Hepta CDF **	pg/g	0.496	0.113	4.99			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.352		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ419						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	118						7038687
C13-1234678 HeptaCDF **	%	84						7038687
C13-123478 HexaCDD *	%	91						7038687
C13-123478 HexaCDF **	%	78						7038687
C13-1234789 HeptaCDF **	%	98						7038687
C13-123678 HexaCDD *	%	106						7038687
C13-123678 HexaCDF **	%	76						7038687
C13-12378 PentaCDD *	%	76						7038687
C13-12378 PentaCDF **	%	71						7038687
C13-123789 HexaCDF **	%	112						7038687
C13-234678 HexaCDF **	%	82						7038687
C13-23478 PentaCDF **	%	75						7038687
C13-2378 TetraCDD *	%	94						7038687
C13-2378 TetraCDF **	%	88						7038687
C13-OCDD *	%	111						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.103	0.103	0.990	1.00	0.103		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.95	1.00	0.111		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0986	0.0986	4.95	0.100	0.00986		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0983	0.0983	4.95	0.100	0.00983		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.103	0.103	4.95	0.100	0.0103		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.116	0.116	4.95	0.0100	0.00116		7038687
Octa CDD *	pg/g	0.269	0.113	9.90	0.000300	0.0000807		7038687
Total Tetra CDD *	pg/g	<0.277 (1)	0.277	0.990			0	7038687
Total Penta CDD *	pg/g	<0.294 (1)	0.294	4.95			0	7038687
Total Hexa CDD *	pg/g	<0.841 (1)	0.841	4.95			0	7038687
Total Hepta CDD *	pg/g	<0.116	0.116	4.95			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.107	0.107	0.990	0.100	0.0107		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.120	0.120	4.95	0.0300	0.00360		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.112	0.112	4.95	0.300	0.0336		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.95	0.100	0.0114		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.95	0.100	0.0111		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.116	0.116	4.95	0.100	0.0116		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.374	0.106	4.95	0.0100	0.00374		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.105	0.105	4.95	0.0100	0.00105		7038687
Octa CDF **	pg/g	<0.226 (1)	0.226	9.90	0.000300	0.0000678		7038687
Total Tetra CDF **	pg/g	<0.107	0.107	0.990			0	7038687
Total Penta CDF **	pg/g	<0.116	0.116	4.95			0	7038687
Total Hexa CDF **	pg/g	<0.113	0.113	4.95			0	7038687
Total Hepta CDF **	pg/g	0.374	0.106	4.95			1	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.343		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	109						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ425						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	112						7038687
C13-1234678 HeptaCDF **	%	85						7038687
C13-123478 HexaCDD *	%	91						7038687
C13-123478 HexaCDF **	%	79						7038687
C13-1234789 HeptaCDF **	%	100						7038687
C13-123678 HexaCDD *	%	110						7038687
C13-123678 HexaCDF **	%	79						7038687
C13-12378 PentaCDD *	%	79						7038687
C13-12378 PentaCDF **	%	73						7038687
C13-123789 HexaCDF **	%	113						7038687
C13-234678 HexaCDF **	%	83						7038687
C13-23478 PentaCDF **	%	81						7038687
C13-2378 TetraCDD *	%	96						7038687
C13-2378 TetraCDF **	%	95						7038687
C13-OCDD *	%	115						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.110	0.110	0.985	1.00	0.110		7038687
1,2,3,7,8-Penta CDD *	pg/g	<0.109	0.109	4.93	1.00	0.109		7038687
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.93	0.100	0.0108		7038687
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.93	0.100	0.0108		7038687
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.113	0.113	4.93	0.100	0.0113		7038687
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.113	0.113	4.93	0.0100	0.00113		7038687
Octa CDD *	pg/g	0.523	0.112	9.85	0.000300	0.000157		7038687
Total Tetra CDD *	pg/g	<0.280 (1)	0.280	0.985			0	7038687
Total Penta CDD *	pg/g	<0.319 (1)	0.319	4.93			0	7038687
Total Hexa CDD *	pg/g	<0.817 (1)	0.817	4.93			0	7038687
Total Hepta CDD *	pg/g	<0.113	0.113	4.93			0	7038687
2,3,7,8-Tetra CDF **	pg/g	<0.114	0.114	0.985	0.100	0.0114		7038687
1,2,3,7,8-Penta CDF **	pg/g	<0.107	0.107	4.93	0.0300	0.00321		7038687
2,3,4,7,8-Penta CDF **	pg/g	<0.0999	0.0999	4.93	0.300	0.0300		7038687
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.93	0.100	0.0106		7038687
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.93	0.100	0.0109		7038687
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.93	0.100	0.0106		7038687
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110	0.110	4.93	0.100	0.0110		7038687
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.387	0.108	4.93	0.0100	0.00387		7038687
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.93	0.0100	0.00108		7038687
Octa CDF **	pg/g	0.206	0.115	9.85	0.000300	0.0000618		7038687
Total Tetra CDF **	pg/g	<0.114	0.114	0.985			0	7038687
Total Penta CDF **	pg/g	<0.103	0.103	4.93			0	7038687
Total Hexa CDF **	pg/g	<0.108	0.108	4.93			0	7038687
Total Hepta CDF **	pg/g	0.670	0.108	4.93			2	7038687
TOTAL TOXIC EQUIVALENCY	pg/g					0.346		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7038687

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ433						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20LNG-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	78						7038687
C13-1234678 HeptaCDF **	%	61						7038687
C13-123478 HexaCDD *	%	65						7038687
C13-123478 HexaCDF **	%	56						7038687
C13-1234789 HeptaCDF **	%	71						7038687
C13-123678 HexaCDD *	%	79						7038687
C13-123678 HexaCDF **	%	56						7038687
C13-12378 PentaCDD *	%	57						7038687
C13-12378 PentaCDF **	%	51						7038687
C13-123789 HexaCDF **	%	81						7038687
C13-234678 HexaCDF **	%	60						7038687
C13-23478 PentaCDF **	%	58						7038687
C13-2378 TetraCDD *	%	69						7038687
C13-2378 TetraCDF **	%	73						7038687
C13-OCDD *	%	82						7038687

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0784	0.0784	0.993	1.00	0.0784	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.131	0.131	4.96	1.00	0.131	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0981	0.0981	4.96	0.100	0.00981	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0928	0.0928	4.96	0.100	0.00928	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0921	0.0921	4.96	0.100	0.00921	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.127 (1)	0.127	4.96	0.0100	0.00127	0	7044713
Octa CDD *	pg/g	0.218	0.0955	9.93	0.000300	0.0000654	1	7044713
Total Tetra CDD *	pg/g	<0.143	0.143	0.993			0	7044713
Total Penta CDD *	pg/g	<0.177	0.177	4.96			0	7044713
Total Hexa CDD *	pg/g	<0.125	0.125	4.96			0	7044713
Total Hepta CDD *	pg/g	<0.136	0.136	4.96			0	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.0530	0.0530	0.993	0.100	0.00530	0	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0863	0.0863	4.96	0.0300	0.00259	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0689	0.0689	4.96	0.300	0.0207	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0839	0.0839	4.96	0.100	0.00839	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0839	0.0839	4.96	0.100	0.00839	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0839	0.0839	4.96	0.100	0.00839	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0887	0.0887	4.96	0.100	0.00887	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.235	0.0193	4.96	0.0100	0.00235	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0228	0.0228	4.96	0.0100	0.000228	0	7044713
Octa CDF **	pg/g	0.114	0.0714	9.93	0.000300	0.0000342	1	7044713
Total Tetra CDF **	pg/g	<0.0475	0.0475	0.993			0	7044713
Total Penta CDF **	pg/g	<0.0768	0.0768	4.96			0	7044713
Total Hexa CDF **	pg/g	<0.0850	0.0850	4.96			0	7044713
Total Hepta CDF **	pg/g	0.667	0.0209	4.96			3	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.304		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	96						7044713
C13-1234678 HeptaCDF **	%	92						7044713
C13-123478 HexaCDD *	%	109						7044713
C13-123478 HexaCDF **	%	101						7044713
C13-1234789 HeptaCDF **	%	92						7044713
C13-123678 HexaCDD *	%	107						7044713
C13-123678 HexaCDF **	%	95						7044713
C13-12378 PentaCDD *	%	87						7044713
C13-12378 PentaCDF **	%	76						7044713
C13-123789 HexaCDF **	%	102						7044713
C13-234678 HexaCDF **	%	98						7044713
C13-23478 PentaCDF **	%	83						7044713
C13-2378 TetraCDD *	%	79						7044713
C13-2378 TetraCDF **	%	81						7044713
C13-OCDD *	%	86						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0992	0.0992	0.998	1.00	0.0992		7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	4.99	1.00	0.107		7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111		7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112		7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118		7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.184	0.111	4.99	0.0100	0.00184		7044713
Octa CDD *	pg/g	0.289	0.119	9.98	0.000300	0.0000867		7044713
Total Tetra CDD *	pg/g	<0.0992	0.0992	0.998			0	7044713
Total Penta CDD *	pg/g	<0.107	0.107	4.99			0	7044713
Total Hexa CDD *	pg/g	<0.115	0.115	4.99			0	7044713
Total Hepta CDD *	pg/g	0.184	0.111	4.99			1	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.998	0.100	0.0110		7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.99	0.0300	0.00339		7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.99	0.300	0.0309		7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.120	0.120	4.99	0.100	0.0120		7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.123	0.123	4.99	0.100	0.0123		7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.99	0.100	0.0116		7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.124	0.124	4.99	0.100	0.0124		7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.718	0.124	4.99	0.0100	0.00718		7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.120	0.120	4.99	0.0100	0.00120		7044713
Octa CDF **	pg/g	0.417	0.132	9.98	0.000300	0.000125		7044713
Total Tetra CDF **	pg/g	<0.110	0.110	0.998			0	7044713
Total Penta CDF **	pg/g	<0.108	0.108	4.99			0	7044713
Total Hexa CDF **	pg/g	0.143	0.121	4.99			1	7044713
Total Hepta CDF **	pg/g	1.11	0.122	4.99			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.344		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	115						7044713
C13-1234678 HeptaCDD *	%	119						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ442						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	116						7044713
C13-123478 HexaCDD *	%	112						7044713
C13-123478 HexaCDF **	%	114						7044713
C13-1234789 HeptaCDF **	%	124						7044713
C13-123678 HexaCDD *	%	124						7044713
C13-123678 HexaCDF **	%	105						7044713
C13-12378 PentaCDD *	%	111						7044713
C13-12378 PentaCDF **	%	102						7044713
C13-123789 HexaCDF **	%	125						7044713
C13-234678 HexaCDF **	%	111						7044713
C13-23478 PentaCDF **	%	114						7044713
C13-2378 TetraCDD *	%	96						7044713
C13-2378 TetraCDF **	%	98						7044713
C13-OCDD *	%	100						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.100	0.100	0.996	1.00	0.100	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.166	0.166	4.98	1.00	0.166	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0770	0.0770	4.98	0.100	0.00770	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	0.173	0.0700	4.98	0.100	0.0173	1	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0708	0.0708	4.98	0.100	0.00708	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.239	0.0702	4.98	0.0100	0.00239	1	7044713
Octa CDD *	pg/g	<0.243 (1)	0.243	9.96	0.000300	0.0000729	0	7044713
Total Tetra CDD *	pg/g	<0.100	0.100	0.996			0	7044713
Total Penta CDD *	pg/g	<0.166	0.166	4.98			0	7044713
Total Hexa CDD *	pg/g	0.411	0.0725	4.98			2	7044713
Total Hepta CDD *	pg/g	0.375	0.0702	4.98			2	7044713
2,3,7,8-Tetra CDF **	pg/g	0.171	0.0831	0.996	0.100	0.0171	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.98	0.0300	0.00339	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0864	0.0864	4.98	0.300	0.0259	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0764	0.0764	4.98	0.100	0.00764	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0732	0.0732	4.98	0.100	0.00732	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0790	0.0790	4.98	0.100	0.00790	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0818	0.0818	4.98	0.100	0.00818	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.412	0.0890	4.98	0.0100	0.00412	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.115	0.115	4.98	0.0100	0.00115	0	7044713
Octa CDF **	pg/g	0.193	0.0830	9.96	0.000300	0.0000579	1	7044713
Total Tetra CDF **	pg/g	0.171	0.0831	0.996			1	7044713
Total Penta CDF **	pg/g	<0.0981	0.0981	4.98			0	7044713
Total Hexa CDF **	pg/g	0.117	0.0774	4.98			1	7044713
Total Hepta CDF **	pg/g	0.662	0.100	4.98			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.383		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ443						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7044713
C13-1234678 HeptaCDF **	%	105						7044713
C13-123478 HexaCDD *	%	110						7044713
C13-123478 HexaCDF **	%	106						7044713
C13-1234789 HeptaCDF **	%	97						7044713
C13-123678 HexaCDD *	%	111						7044713
C13-123678 HexaCDF **	%	103						7044713
C13-12378 PentaCDD *	%	87						7044713
C13-12378 PentaCDF **	%	73						7044713
C13-123789 HexaCDF **	%	105						7044713
C13-234678 HexaCDF **	%	99						7044713
C13-23478 PentaCDF **	%	83						7044713
C13-2378 TetraCDD *	%	79						7044713
C13-2378 TetraCDF **	%	88						7044713
C13-OCDD *	%	90						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0726	0.0726	0.995	1.00	0.0726	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.166	0.166	4.97	1.00	0.166	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0778	0.0778	4.97	0.100	0.00778	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	0.0969	0.0730	4.97	0.100	0.00969	1	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0728	0.0728	4.97	0.100	0.00728	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.170	0.0553	4.97	0.0100	0.00170	1	7044713
Octa CDD *	pg/g	0.188	0.0753	9.95	0.000300	0.0000564	1	7044713
Total Tetra CDD *	pg/g	0.0941	0.0726	0.995			1	7044713
Total Penta CDD *	pg/g	<0.166	0.166	4.97			0	7044713
Total Hexa CDD *	pg/g	0.350	0.0745	4.97			2	7044713
Total Hepta CDD *	pg/g	0.170	0.0553	4.97			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.138	0.0636	0.995	0.100	0.0138	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0907	0.0907	4.97	0.0300	0.00272	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0719	0.0719	4.97	0.300	0.0216	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0526	0.0526	4.97	0.100	0.00526	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0534	0.0534	4.97	0.100	0.00534	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0536	0.0536	4.97	0.100	0.00536	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0599	0.0599	4.97	0.100	0.00599	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.327	0.0478	4.97	0.0100	0.00327	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0541	0.0541	4.97	0.0100	0.000541	0	7044713
Octa CDF **	pg/g	0.166	0.0656	9.95	0.000300	0.0000498	1	7044713
Total Tetra CDF **	pg/g	0.284	0.0636	0.995			3	7044713
Total Penta CDF **	pg/g	<0.0805	0.0805	4.97			0	7044713
Total Hexa CDF **	pg/g	0.197	0.0547	4.97			2	7044713
Total Hepta CDF **	pg/g	0.582	0.0507	4.97			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.329		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	104						7044713
C13-1234678 HeptaCDD *	%	123						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ447						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	120						7044713
C13-123478 HexaCDD *	%	123						7044713
C13-123478 HexaCDF **	%	124						7044713
C13-1234789 HeptaCDF **	%	126						7044713
C13-123678 HexaCDD *	%	122						7044713
C13-123678 HexaCDF **	%	114						7044713
C13-12378 PentaCDD *	%	107						7044713
C13-12378 PentaCDF **	%	89						7044713
C13-123789 HexaCDF **	%	116						7044713
C13-234678 HexaCDF **	%	118						7044713
C13-23478 PentaCDF **	%	98						7044713
C13-2378 TetraCDD *	%	97						7044713
C13-2378 TetraCDF **	%	95						7044713
C13-OCDD *	%	113						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0831	0.0831	0.997	1.00	0.0831	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.142	0.142	4.98	1.00	0.142	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0914	0.0914	4.98	0.100	0.00914	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0890	0.0890	4.98	0.100	0.00890	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0871	0.0871	4.98	0.100	0.00871	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0780	0.0780	4.98	0.0100	0.000780	0	7044713
Octa CDD *	pg/g	0.143	0.0958	9.97	0.000300	0.0000429	1	7044713
Total Tetra CDD *	pg/g	<0.0831	0.0831	0.997			0	7044713
Total Penta CDD *	pg/g	<0.142	0.142	4.98			0	7044713
Total Hexa CDD *	pg/g	<0.0891	0.0891	4.98			0	7044713
Total Hepta CDD *	pg/g	<0.0770	0.0770	4.98			0	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.0750 (1)	0.0750	0.997	0.100	0.00750	0	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.98	0.0300	0.00312	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0858	0.0858	4.98	0.300	0.0257	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0651	0.0651	4.98	0.100	0.00651	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0635	0.0635	4.98	0.100	0.00635	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0621	0.0621	4.98	0.100	0.00621	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0682	0.0682	4.98	0.100	0.00682	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.261	0.0503	4.98	0.0100	0.00261	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0567	0.0567	4.98	0.0100	0.000567	0	7044713
Octa CDF **	pg/g	0.129	0.0538	9.97	0.000300	0.0000387	1	7044713
Total Tetra CDF **	pg/g	<0.0722	0.0722	0.997			0	7044713
Total Penta CDF **	pg/g	<0.0944	0.0944	4.98			0	7044713
Total Hexa CDF **	pg/g	0.0883	0.0646	4.98			1	7044713
Total Hepta CDF **	pg/g	0.455	0.0533	4.98			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.318		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ448						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	116						7044713
C13-1234678 HeptaCDF **	%	113						7044713
C13-123478 HexaCDD *	%	115						7044713
C13-123478 HexaCDF **	%	106						7044713
C13-1234789 HeptaCDF **	%	119						7044713
C13-123678 HexaCDD *	%	109						7044713
C13-123678 HexaCDF **	%	102						7044713
C13-12378 PentaCDD *	%	102						7044713
C13-12378 PentaCDF **	%	84						7044713
C13-123789 HexaCDF **	%	108						7044713
C13-234678 HexaCDF **	%	107						7044713
C13-23478 PentaCDF **	%	89						7044713
C13-2378 TetraCDD *	%	87						7044713
C13-2378 TetraCDF **	%	87						7044713
C13-OCDD *	%	108						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0706	0.0706	0.998	1.00	0.0706	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.177	0.177	4.99	1.00	0.177	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0771	0.0771	4.99	0.100	0.00771	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0758	0.0758	4.99	0.100	0.00758	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0738	0.0738	4.99	0.100	0.00738	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0630	0.0630	4.99	0.0100	0.000630	0	7044713
Octa CDD *	pg/g	0.106	0.0674	9.98	0.000300	0.0000318	1	7044713
Total Tetra CDD *	pg/g	<0.0706	0.0706	0.998			0	7044713
Total Penta CDD *	pg/g	<0.177	0.177	4.99			0	7044713
Total Hexa CDD *	pg/g	<0.0755	0.0755	4.99			0	7044713
Total Hepta CDD *	pg/g	<0.0630	0.0630	4.99			0	7044713
2,3,7,8-Tetra CDF **	pg/g	0.0623	0.0498	0.998	0.100	0.00623	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0942	0.0942	4.99	0.0300	0.00283	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0755	0.0755	4.99	0.300	0.0227	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0623	0.0623	4.99	0.100	0.00623	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0625	0.0625	4.99	0.100	0.00625	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0664	0.0664	4.99	0.100	0.00664	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0729	0.0729	4.99	0.100	0.00729	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.266	0.0472	4.99	0.0100	0.00266	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0534	0.0534	4.99	0.0100	0.000534	0	7044713
Octa CDF **	pg/g	<0.0860 (1)	0.0860	9.98	0.000300	0.0000258	0	7044713
Total Tetra CDF **	pg/g	0.0623	0.0498	0.998			1	7044713
Total Penta CDF **	pg/g	<0.0841	0.0841	4.99			0	7044713
Total Hexa CDF **	pg/g	<0.0658	0.0658	4.99			0	7044713
Total Hepta CDF **	pg/g	0.266	0.0500	4.99			1	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.332		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	90						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	113						7044713
C13-1234678 HeptaCDF **	%	110						7044713
C13-123478 HexaCDD *	%	118						7044713
C13-123478 HexaCDF **	%	117						7044713
C13-1234789 HeptaCDF **	%	115						7044713
C13-123678 HexaCDD *	%	111						7044713
C13-123678 HexaCDF **	%	109						7044713
C13-12378 PentaCDD *	%	90						7044713
C13-12378 PentaCDF **	%	78						7044713
C13-123789 HexaCDF **	%	106						7044713
C13-234678 HexaCDF **	%	106						7044713
C13-23478 PentaCDF **	%	85						7044713
C13-2378 TetraCDD *	%	81						7044713
C13-2378 TetraCDF **	%	83						7044713
C13-OCDD *	%	116						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0640	0.0640	0.995	1.00	0.0640	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.123	0.123	4.97	1.00	0.123	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0854	0.0854	4.97	0.100	0.00854	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0772	0.0772	4.97	0.100	0.00772	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0783	0.0783	4.97	0.100	0.00783	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.126	0.0531	4.97	0.0100	0.00126	1	7044713
Octa CDD *	pg/g	0.234	0.0752	9.95	0.000300	0.0000702	1	7044713
Total Tetra CDD *	pg/g	<0.0640	0.0640	0.995			0	7044713
Total Penta CDD *	pg/g	<0.123	0.123	4.97			0	7044713
Total Hexa CDD *	pg/g	<0.103	0.103	4.97			0	7044713
Total Hepta CDD *	pg/g	0.126	0.0531	4.97			1	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.0690 (1)	0.0690	0.995	0.100	0.00690	0	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0719	0.0719	4.97	0.0300	0.00216	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0561	0.0561	4.97	0.300	0.0168	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0400	0.0400	4.97	0.100	0.00400	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0363	0.0363	4.97	0.100	0.00363	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0377	0.0377	4.97	0.100	0.00377	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0415	0.0415	4.97	0.100	0.00415	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.261	0.0447	4.97	0.0100	0.00261	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0510	0.0510	4.97	0.0100	0.000510	0	7044713
Octa CDF **	pg/g	0.120	0.0584	9.95	0.000300	0.0000360	1	7044713
Total Tetra CDF **	pg/g	<0.0690	0.0690	0.995			0	7044713
Total Penta CDF **	pg/g	<0.0632	0.0632	4.97			0	7044713
Total Hexa CDF **	pg/g	0.143	0.0383	4.97			2	7044713
Total Hepta CDF **	pg/g	0.427	0.0476	4.97			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.257		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ497						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	105						7044713
C13-1234678 HeptaCDF **	%	106						7044713
C13-123478 HexaCDD *	%	108						7044713
C13-123478 HexaCDF **	%	103						7044713
C13-1234789 HeptaCDF **	%	110						7044713
C13-123678 HexaCDD *	%	111						7044713
C13-123678 HexaCDF **	%	102						7044713
C13-12378 PentaCDD *	%	98						7044713
C13-12378 PentaCDF **	%	83						7044713
C13-123789 HexaCDF **	%	101						7044713
C13-234678 HexaCDF **	%	102						7044713
C13-23478 PentaCDF **	%	93						7044713
C13-2378 TetraCDD *	%	84						7044713
C13-2378 TetraCDF **	%	90						7044713
C13-OCDD *	%	108						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0776	0.0776	0.997	1.00	0.0776	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.98	1.00	0.121	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0701	0.0701	4.98	0.100	0.00701	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	0.0887	0.0724	4.98	0.100	0.00887	1	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0688	0.0688	4.98	0.100	0.00688	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.136	0.0507	4.98	0.0100	0.00136	1	7044713
Octa CDD *	pg/g	0.104	0.0655	9.97	0.000300	0.0000312	1	7044713
Total Tetra CDD *	pg/g	<0.0776	0.0776	0.997			0	7044713
Total Penta CDD *	pg/g	<0.121	0.121	4.98			0	7044713
Total Hexa CDD *	pg/g	0.257	0.0704	4.98			2	7044713
Total Hepta CDD *	pg/g	0.136	0.0507	4.98			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.120	0.0606	0.997	0.100	0.0120	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0908	0.0908	4.98	0.0300	0.00272	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0702	0.0702	4.98	0.300	0.0211	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0538	0.0538	4.98	0.100	0.00538	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0531	0.0531	4.98	0.100	0.00531	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0508	0.0508	4.98	0.100	0.00508	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0548	0.0548	4.98	0.100	0.00548	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.232	0.0436	4.98	0.0100	0.00232	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0533	0.0533	4.98	0.0100	0.000533	0	7044713
Octa CDF **	pg/g	0.0993	0.0543	9.97	0.000300	0.0000298	1	7044713
Total Tetra CDF **	pg/g	0.120	0.0606	0.997			1	7044713
Total Penta CDF **	pg/g	<0.0795	0.0795	4.98			0	7044713
Total Hexa CDF **	pg/g	<0.0531	0.0531	4.98			0	7044713
Total Hepta CDF **	pg/g	0.359	0.0479	4.98			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.283		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	95						7044713
C13-1234678 HeptaCDD *	%	110						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ498						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	109						7044713
C13-123478 HexaCDD *	%	123						7044713
C13-123478 HexaCDF **	%	108						7044713
C13-1234789 HeptaCDF **	%	107						7044713
C13-123678 HexaCDD *	%	110						7044713
C13-123678 HexaCDF **	%	103						7044713
C13-12378 PentaCDD *	%	104						7044713
C13-12378 PentaCDF **	%	87						7044713
C13-123789 HexaCDF **	%	113						7044713
C13-234678 HexaCDF **	%	111						7044713
C13-23478 PentaCDF **	%	98						7044713
C13-2378 TetraCDD *	%	86						7044713
C13-2378 TetraCDF **	%	87						7044713
C13-OCDD *	%	108						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0761	0.0761	0.993	1.00	0.0761	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.97	1.00	0.111	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0773	0.0773	4.97	0.100	0.00773	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	0.133	0.0697	4.97	0.100	0.0133	1	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0708	0.0708	4.97	0.100	0.00708	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.140	0.140	4.97	0.0100	0.00140	0	7044713
Octa CDD *	pg/g	0.276	0.0862	9.93	0.000300	0.0000828	1	7044713
Total Tetra CDD *	pg/g	<0.0761	0.0761	0.993			0	7044713
Total Penta CDD *	pg/g	<0.140	0.140	4.97			0	7044713
Total Hexa CDD *	pg/g	0.380	0.0725	4.97			2	7044713
Total Hepta CDD *	pg/g	0.172	0.0489	4.97			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.196	0.0559	0.993	0.100	0.0196	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0773	0.0773	4.97	0.0300	0.00232	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0628	0.0628	4.97	0.300	0.0188	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0490	0.0490	4.97	0.100	0.00490	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0459	0.0459	4.97	0.100	0.00459	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0493	0.0493	4.97	0.100	0.00493	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0507	0.0507	4.97	0.100	0.00507	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.317	0.0465	4.97	0.0100	0.00317	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0550	0.0550	4.97	0.0100	0.000550	0	7044713
Octa CDF **	pg/g	0.161	0.0645	9.93	0.000300	0.0000483	1	7044713
Total Tetra CDF **	pg/g	0.265	0.0559	0.993			2	7044713
Total Penta CDF **	pg/g	<0.0695	0.0695	4.97			0	7044713
Total Hexa CDF **	pg/g	0.216	0.0477	4.97			2	7044713
Total Hepta CDF **	pg/g	0.576	0.0504	4.97			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.281		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	90						7044713
C13-1234678 HeptaCDD *	%	100						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ520						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	105						7044713
C13-123478 HexaCDD *	%	108						7044713
C13-123478 HexaCDF **	%	112						7044713
C13-1234789 HeptaCDF **	%	106						7044713
C13-123678 HexaCDD *	%	111						7044713
C13-123678 HexaCDF **	%	103						7044713
C13-12378 PentaCDD *	%	90						7044713
C13-12378 PentaCDF **	%	80						7044713
C13-123789 HexaCDF **	%	106						7044713
C13-234678 HexaCDF **	%	99						7044713
C13-23478 PentaCDF **	%	86						7044713
C13-2378 TetraCDD *	%	83						7044713
C13-2378 TetraCDF **	%	87						7044713
C13-OCDD *	%	100						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0986	0.0986	0.997	1.00	0.0986	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.165	0.165	4.99	1.00	0.165	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0910	0.0910	4.99	0.100	0.00910	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0738	0.0738	4.99	0.100	0.00738	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0788	0.0788	4.99	0.100	0.00788	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0780	0.0780	4.99	0.0100	0.000780	0	7044713
Octa CDD *	pg/g	0.137	0.0741	9.97	0.000300	0.0000411	1	7044713
Total Tetra CDD *	pg/g	<0.0986	0.0986	0.997			0	7044713
Total Penta CDD *	pg/g	<0.165	0.165	4.99			0	7044713
Total Hexa CDD *	pg/g	0.147	0.0806	4.99			1	7044713
Total Hepta CDD *	pg/g	0.0840	0.0764	4.99			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.0843	0.0375	0.997	0.100	0.00843	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0931	0.0931	4.99	0.0300	0.00279	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0751	0.0751	4.99	0.300	0.0225	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0642	0.0642	4.99	0.100	0.00642	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0585	0.0585	4.99	0.100	0.00585	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0620	0.0620	4.99	0.100	0.00620	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0653	0.0653	4.99	0.100	0.00653	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.249	0.0436	4.99	0.0100	0.00249	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0552	0.0552	4.99	0.0100	0.000552	0	7044713
Octa CDF **	pg/g	<0.115 (1)	0.115	9.97	0.000300	0.0000345	0	7044713
Total Tetra CDF **	pg/g	0.174	0.0375	0.997			3	7044713
Total Penta CDF **	pg/g	<0.0834	0.0834	4.99			0	7044713
Total Hexa CDF **	pg/g	<0.0660	0.0660	4.99			0	7044713
Total Hepta CDF **	pg/g	0.402	0.0486	4.99			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.351		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ549						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	103						7044713
C13-1234678 HeptaCDF **	%	113						7044713
C13-123478 HexaCDD *	%	102						7044713
C13-123478 HexaCDF **	%	111						7044713
C13-1234789 HeptaCDF **	%	106						7044713
C13-123678 HexaCDD *	%	116						7044713
C13-123678 HexaCDF **	%	114						7044713
C13-12378 PentaCDD *	%	84						7044713
C13-12378 PentaCDF **	%	72						7044713
C13-123789 HexaCDF **	%	116						7044713
C13-234678 HexaCDF **	%	111						7044713
C13-23478 PentaCDF **	%	78						7044713
C13-2378 TetraCDD *	%	79						7044713
C13-2378 TetraCDF **	%	89						7044713
C13-OCDD *	%	83						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0866	0.0866	0.994	1.00	0.0866	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.163	0.163	4.97	1.00	0.163	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0689	0.0689	4.97	0.100	0.00689	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0670	0.0670	4.97	0.100	0.00670	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0609	0.0609	4.97	0.100	0.00609	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.105	0.105	4.97	0.0100	0.00105	0	7044713
Octa CDD *	pg/g	<0.117	0.117	9.94	0.000300	0.0000351	0	7044713
Total Tetra CDD *	pg/g	<0.0866	0.0866	0.994			0	7044713
Total Penta CDD *	pg/g	<0.163	0.163	4.97			0	7044713
Total Hexa CDD *	pg/g	0.0866	0.0623	4.97			1	7044713
Total Hepta CDD *	pg/g	<0.104	0.104	4.97			0	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.100 (1)	0.100	0.994	0.100	0.0100	0	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0992	0.0992	4.97	0.0300	0.00298	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0773	0.0773	4.97	0.300	0.0232	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0610	0.0610	4.97	0.100	0.00610	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0559	0.0559	4.97	0.100	0.00559	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0579	0.0579	4.97	0.100	0.00579	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0613	0.0613	4.97	0.100	0.00613	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.241	0.0556	4.97	0.0100	0.00241	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0699	0.0699	4.97	0.0100	0.000699	0	7044713
Octa CDF **	pg/g	0.127	0.0680	9.94	0.000300	0.0000381	1	7044713
Total Tetra CDF **	pg/g	<0.0474	0.0474	0.994			0	7044713
Total Penta CDF **	pg/g	<0.0872	0.0872	4.97			0	7044713
Total Hexa CDF **	pg/g	0.113	0.0589	4.97			1	7044713
Total Hepta CDF **	pg/g	0.415	0.0618	4.97			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.333		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	90						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ551						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	104						7044713
C13-1234678 HeptaCDF **	%	116						7044713
C13-123478 HexaCDD *	%	101						7044713
C13-123478 HexaCDF **	%	109						7044713
C13-1234789 HeptaCDF **	%	110						7044713
C13-123678 HexaCDD *	%	111						7044713
C13-123678 HexaCDF **	%	111						7044713
C13-12378 PentaCDD *	%	88						7044713
C13-12378 PentaCDF **	%	78						7044713
C13-123789 HexaCDF **	%	115						7044713
C13-234678 HexaCDF **	%	111						7044713
C13-23478 PentaCDF **	%	88						7044713
C13-2378 TetraCDD *	%	78						7044713
C13-2378 TetraCDF **	%	90						7044713
C13-OCDD *	%	86						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0902	0.0902	0.999	1.00	0.0902	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.169	0.169	5.00	1.00	0.169	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0935	0.0935	5.00	0.100	0.00935	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0768	0.0768	5.00	0.100	0.00768	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0815	0.0815	5.00	0.100	0.00815	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0801 (1)	0.0801	5.00	0.0100	0.000801	0	7044713
Octa CDD *	pg/g	0.123	0.101	9.99	0.000300	0.0000369	1	7044713
Total Tetra CDD *	pg/g	<0.0902	0.0902	0.999			0	7044713
Total Penta CDD *	pg/g	<0.169	0.169	5.00			0	7044713
Total Hexa CDD *	pg/g	<0.0834	0.0834	5.00			0	7044713
Total Hepta CDD *	pg/g	<0.0801	0.0801	5.00			0	7044713
2,3,7,8-Tetra CDF **	pg/g	<0.0555 (1)	0.0555	0.999	0.100	0.00555	0	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	5.00	0.0300	0.00333	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0864	0.0864	5.00	0.300	0.0259	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0654	0.0654	5.00	0.100	0.00654	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0649	0.0649	5.00	0.100	0.00649	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0653	0.0653	5.00	0.100	0.00653	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0677	0.0677	5.00	0.100	0.00677	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.248	0.0496	5.00	0.0100	0.00248	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0610	0.0610	5.00	0.0100	0.000610	0	7044713
Octa CDF **	pg/g	<0.119	0.119	9.99	0.000300	0.0000357	0	7044713
Total Tetra CDF **	pg/g	<0.0555 (1)	0.0555	0.999			0	7044713
Total Penta CDF **	pg/g	<0.0973	0.0973	5.00			0	7044713
Total Hexa CDF **	pg/g	<0.0657	0.0657	5.00			0	7044713
Total Hepta CDF **	pg/g	0.416	0.0547	5.00			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.349		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ565						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7044713
C13-1234678 HeptaCDF **	%	105						7044713
C13-123478 HexaCDD *	%	101						7044713
C13-123478 HexaCDF **	%	110						7044713
C13-1234789 HeptaCDF **	%	102						7044713
C13-123678 HexaCDD *	%	113						7044713
C13-123678 HexaCDF **	%	103						7044713
C13-12378 PentaCDD *	%	86						7044713
C13-12378 PentaCDF **	%	71						7044713
C13-123789 HexaCDF **	%	113						7044713
C13-234678 HexaCDF **	%	106						7044713
C13-23478 PentaCDF **	%	80						7044713
C13-2378 TetraCDD *	%	79						7044713
C13-2378 TetraCDF **	%	91						7044713
C13-OCDD *	%	83						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0810	0.0810	0.997	1.00	0.0810	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.157	0.157	4.98	1.00	0.157	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0670	0.0670	4.98	0.100	0.00670	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	0.194	0.0519	4.98	0.100	0.0194	1	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	0.0877	0.0565	4.98	0.100	0.00877	1	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.237 (1)	0.237	4.98	0.0100	0.00237	0	7044713
Octa CDD *	pg/g	0.291	0.155	9.97	0.000300	0.0000873	1	7044713
Total Tetra CDD *	pg/g	<0.0810	0.0810	0.997			0	7044713
Total Penta CDD *	pg/g	<0.157	0.157	4.98			0	7044713
Total Hexa CDD *	pg/g	0.625	0.0578	4.98			3	7044713
Total Hepta CDD *	pg/g	0.185	0.0652	4.98			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.270	0.0582	0.997	0.100	0.0270	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0928	0.0928	4.98	0.0300	0.00278	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0724	0.0724	4.98	0.300	0.0217	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0730	0.0730	4.98	0.100	0.00730	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0584	0.0584	4.98	0.100	0.00584	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0598	0.0598	4.98	0.100	0.00598	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0633	0.0633	4.98	0.100	0.00633	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.267	0.0464	4.98	0.0100	0.00267	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0577	0.0577	4.98	0.0100	0.000577	0	7044713
Octa CDF **	pg/g	<0.111 (2)	0.111	9.97	0.000300	0.0000333	0	7044713
Total Tetra CDF **	pg/g	0.601	0.0582	0.997			4	7044713
Total Penta CDF **	pg/g	<0.0816	0.0816	4.98			0	7044713
Total Hexa CDF **	pg/g	0.0844	0.0600	4.98			1	7044713
Total Hepta CDF **	pg/g	0.445	0.0514	4.98			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.356		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	97						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ567						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	102						7044713
C13-1234678 HeptaCDF **	%	114						7044713
C13-123478 HexaCDD *	%	102						7044713
C13-123478 HexaCDF **	%	118						7044713
C13-1234789 HeptaCDF **	%	109						7044713
C13-123678 HexaCDD *	%	122						7044713
C13-123678 HexaCDF **	%	112						7044713
C13-12378 PentaCDD *	%	92						7044713
C13-12378 PentaCDF **	%	78						7044713
C13-123789 HexaCDF **	%	118						7044713
C13-234678 HexaCDF **	%	113						7044713
C13-23478 PentaCDF **	%	87						7044713
C13-2378 TetraCDD *	%	85						7044713
C13-2378 TetraCDF **	%	88						7044713
C13-OCDD *	%	85						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.105	0.105	0.999	1.00	0.105	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.165	0.165	5.00	1.00	0.165	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0889	0.0889	5.00	0.100	0.00889	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0791	0.0791	5.00	0.100	0.00791	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0808	0.0808	5.00	0.100	0.00808	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0620	0.0620	5.00	0.0100	0.000620	0	7044713
Octa CDD *	pg/g	0.130	0.0935	9.99	0.000300	0.0000390	1	7044713
Total Tetra CDD *	pg/g	<0.105	0.105	0.999			0	7044713
Total Penta CDD *	pg/g	<0.165	0.165	5.00			0	7044713
Total Hexa CDD *	pg/g	<0.0860	0.0860	5.00			0	7044713
Total Hepta CDD *	pg/g	0.0857	0.0592	5.00			1	7044713
2,3,7,8-Tetra CDF **	pg/g	0.0711	0.0603	0.999	0.100	0.00711	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.0957	0.0957	5.00	0.0300	0.00287	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0775	0.0775	5.00	0.300	0.0233	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0610	0.0610	5.00	0.100	0.00610	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0576	0.0576	5.00	0.100	0.00576	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0594	0.0594	5.00	0.100	0.00594	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0637	0.0637	5.00	0.100	0.00637	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.264	0.0440	5.00	0.0100	0.00264	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0548	0.0548	5.00	0.0100	0.000548	0	7044713
Octa CDF **	pg/g	0.118	0.0699	9.99	0.000300	0.0000354	1	7044713
Total Tetra CDF **	pg/g	0.0711	0.0603	0.999			1	7044713
Total Penta CDF **	pg/g	<0.0859	0.0859	5.00			0	7044713
Total Hexa CDF **	pg/g	0.0842	0.0598	5.00			1	7044713
Total Hepta CDF **	pg/g	0.430	0.0488	5.00			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.356		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7044713
C13-1234678 HeptaCDD *	%	96						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ572						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	108						7044713
C13-123478 HexaCDD *	%	103						7044713
C13-123478 HexaCDF **	%	109						7044713
C13-1234789 HeptaCDF **	%	103						7044713
C13-123678 HexaCDD *	%	107						7044713
C13-123678 HexaCDF **	%	104						7044713
C13-12378 PentaCDD *	%	86						7044713
C13-12378 PentaCDF **	%	74						7044713
C13-123789 HexaCDF **	%	107						7044713
C13-234678 HexaCDF **	%	104						7044713
C13-23478 PentaCDF **	%	80						7044713
C13-2378 TetraCDD *	%	80						7044713
C13-2378 TetraCDF **	%	90						7044713
C13-OCDD *	%	82						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0961	0.0961	0.999	1.00	0.0961	0	7044713
1,2,3,7,8-Penta CDD *	pg/g	<0.132	0.132	4.99	1.00	0.132	0	7044713
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0726	0.0726	4.99	0.100	0.00726	0	7044713
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0638	0.0638	4.99	0.100	0.00638	0	7044713
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0656	0.0656	4.99	0.100	0.00656	0	7044713
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0720	0.0720	4.99	0.0100	0.000720	0	7044713
Octa CDD *	pg/g	0.118	0.0797	9.99	0.000300	0.0000354	1	7044713
Total Tetra CDD *	pg/g	<0.0961	0.0961	0.999			0	7044713
Total Penta CDD *	pg/g	<0.132	0.132	4.99			0	7044713
Total Hexa CDD *	pg/g	<0.0671	0.0671	4.99			0	7044713
Total Hepta CDD *	pg/g	<0.0710	0.0710	4.99			0	7044713
2,3,7,8-Tetra CDF **	pg/g	0.126	0.0427	0.999	0.100	0.0126	1	7044713
1,2,3,7,8-Penta CDF **	pg/g	<0.114	0.114	4.99	0.0300	0.00342	0	7044713
2,3,4,7,8-Penta CDF **	pg/g	<0.0903	0.0903	4.99	0.300	0.0271	0	7044713
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0495	0.0495	4.99	0.100	0.00495	0	7044713
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0471	0.0471	4.99	0.100	0.00471	0	7044713
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0478	0.0478	4.99	0.100	0.00478	0	7044713
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0510	0.0510	4.99	0.100	0.00510	0	7044713
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.323	0.0473	4.99	0.0100	0.00323	1	7044713
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0583	0.0583	4.99	0.0100	0.000583	0	7044713
Octa CDF **	pg/g	0.171	0.0655	9.99	0.000300	0.0000513	1	7044713
Total Tetra CDF **	pg/g	0.192	0.0427	0.999			2	7044713
Total Penta CDF **	pg/g	<0.101	0.101	4.99			0	7044713
Total Hexa CDF **	pg/g	<0.0760	0.0760	4.99			0	7044713
Total Hepta CDF **	pg/g	0.518	0.0521	4.99			2	7044713
TOTAL TOXIC EQUIVALENCY	pg/g					0.316		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7044713
C13-1234678 HeptaCDD *	%	112						7044713

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ585						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	116						7044713
C13-123478 HexaCDD *	%	112						7044713
C13-123478 HexaCDF **	%	118						7044713
C13-1234789 HeptaCDF **	%	113						7044713
C13-123678 HexaCDD *	%	118						7044713
C13-123678 HexaCDF **	%	116						7044713
C13-12378 PentaCDD *	%	96						7044713
C13-12378 PentaCDF **	%	81						7044713
C13-123789 HexaCDF **	%	122						7044713
C13-234678 HexaCDF **	%	118						7044713
C13-23478 PentaCDF **	%	89						7044713
C13-2378 TetraCDD *	%	83						7044713
C13-2378 TetraCDF **	%	96						7044713
C13-OCDD *	%	91						7044713

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.141	0.141	0.999	1.00	0.141	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.407	0.159	4.99	1.00	0.407	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	0.130	0.0940	4.99	0.100	0.0130	1	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.655	0.0877	4.99	0.100	0.0655	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.362	0.0934	4.99	0.100	0.0362	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	3.18	0.100	4.99	0.0100	0.0318	1	7119604
Octa CDD *	pg/g	3.05	0.148	9.99	0.000300	0.000915	1	7119604
Total Tetra CDD *	pg/g	1.38	0.141	0.999			2	7119604
Total Penta CDD *	pg/g	0.815	0.159	4.99			2	7119604
Total Hexa CDD *	pg/g	4.08	0.0916	4.99			6	7119604
Total Hepta CDD *	pg/g	9.10	0.100	4.99			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.77	0.104	0.999	0.100	0.177	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.132	0.132	4.99	0.0300	0.00396	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.234	0.108	4.99	0.300	0.0702	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.173	0.0875	4.99	0.100	0.0173	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0865	0.0865	4.99	0.100	0.00865	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0877	0.0877	4.99	0.100	0.00877	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0928	0.0928	4.99	0.100	0.00928	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.334	0.0509	4.99	0.0100	0.00334	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0630	0.0630	4.99	0.0100	0.000630	0	7119604
Octa CDF **	pg/g	0.354	0.109	9.99	0.000300	0.000106	1	7119604
Total Tetra CDF **	pg/g	8.50	0.104	0.999			11	7119604
Total Penta CDF **	pg/g	0.851	0.119	4.99			3	7119604
Total Hexa CDF **	pg/g	0.770	0.0885	4.99			3	7119604
Total Hepta CDF **	pg/g	0.865	0.0562	4.99			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.11	0.12	1.0	0.100	0.111		7127826
TOTAL TOXIC EQUIVALENCY	pg/g					0.929		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	57						7127826

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ590						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-17	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	85						7119604
C13-1234678 HeptaCDD *	%	104						7119604
C13-1234678 HeptaCDF **	%	95						7119604
C13-123478 HexaCDD *	%	96						7119604
C13-123478 HexaCDF **	%	85						7119604
C13-1234789 HeptaCDF **	%	105						7119604
C13-123678 HexaCDD *	%	91						7119604
C13-123678 HexaCDF **	%	74						7119604
C13-12378 PentaCDD *	%	119						7119604
C13-12378 PentaCDF **	%	96						7119604
C13-123789 HexaCDF **	%	90						7119604
C13-234678 HexaCDF **	%	80						7119604
C13-23478 PentaCDF **	%	106						7119604
C13-2378 TetraCDD *	%	85						7119604
C13-2378 TetraCDF **	%	83						7119604
C13-OCDD *	%	124						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ595						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.143	0.143	0.997	1.00	0.143	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.312	0.192	4.98	1.00	0.312	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.98	0.100	0.0107	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.638	0.0901	4.98	0.100	0.0638	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.197 (1)	0.197	4.98	0.100	0.0197	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.693	0.0945	4.98	0.0100	0.00693	1	7119604
Octa CDD *	pg/g	1.10	0.137	9.97	0.000300	0.000330	1	7119604
Total Tetra CDD *	pg/g	<0.475	0.475	0.997			0	7119604
Total Penta CDD *	pg/g	0.312	0.192	4.98			1	7119604
Total Hexa CDD *	pg/g	1.94	0.0966	4.98			3	7119604
Total Hepta CDD *	pg/g	2.39	0.0945	4.98			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.21	0.0606	0.997	0.100	0.121	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.98	0.0300	0.00414	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	<0.169 (1)	0.169	4.98	0.300	0.0507	0	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.98	0.100	0.0133	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0859	0.0859	4.98	0.100	0.00859	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0901	0.0901	4.98	0.100	0.00901	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.617	0.0550	4.98	0.0100	0.00617	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0652	0.0652	4.98	0.0100	0.000652	0	7119604
Octa CDF **	pg/g	0.247	0.0859	9.97	0.000300	0.0000741	1	7119604
Total Tetra CDF **	pg/g	3.50	0.0606	0.997			7	7119604
Total Penta CDF **	pg/g	0.402	0.122	4.98			1	7119604
Total Hexa CDF **	pg/g	0.398	0.0875	4.98			2	7119604
Total Hepta CDF **	pg/g	0.994	0.0596	4.98			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.63	0.11	1.0	0.100	0.0630		7127826
TOTAL TOXIC EQUIVALENCY	pg/g					0.723		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ595						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-21	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	61						7127826
37CL4 2378 Tetra CDD *	%	86						7119604
C13-1234678 HeptaCDD *	%	102						7119604
C13-1234678 HeptaCDF **	%	111						7119604
C13-123478 HexaCDD *	%	92						7119604
C13-123478 HexaCDF **	%	100						7119604
C13-1234789 HeptaCDF **	%	112						7119604
C13-123678 HexaCDD *	%	101						7119604
C13-123678 HexaCDF **	%	95						7119604
C13-12378 PentaCDD *	%	101						7119604
C13-12378 PentaCDF **	%	84						7119604
C13-123789 HexaCDF **	%	103						7119604
C13-234678 HexaCDF **	%	97						7119604
C13-23478 PentaCDF **	%	93						7119604
C13-2378 TetraCDD *	%	88						7119604
C13-2378 TetraCDF **	%	93						7119604
C13-OCDD *	%	91						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ599						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0830	0.0830	0.995	1.00	0.0830	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.580	0.109	4.97	1.00	0.580	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	1.08	0.0945	4.97	0.100	0.108	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.379	0.0964	4.97	0.100	0.0379	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.07	0.0948	4.97	0.0100	0.0107	1	7119604
Octa CDD *	pg/g	0.703	0.131	9.95	0.000300	0.000211	1	7119604
Total Tetra CDD *	pg/g	0.451	0.0476	0.995			1	7119604
Total Penta CDD *	pg/g	1.40	0.109	4.97			3	7119604
Total Hexa CDD *	pg/g	5.24	0.0987	4.97			5	7119604
Total Hepta CDD *	pg/g	2.57	0.0948	4.97			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.42	0.141	0.995	0.100	0.142	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.169	0.169	4.97	0.0300	0.00507	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.195	0.0991	4.97	0.300	0.0585	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.146	0.0795	4.97	0.100	0.0146	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0783	0.0783	4.97	0.100	0.00783	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0840	0.0840	4.97	0.100	0.00840	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0803	0.0803	4.97	0.100	0.00803	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.600	0.0849	4.97	0.0100	0.00600	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.102	0.102	4.97	0.0100	0.00102	0	7119604
Octa CDF **	pg/g	0.266	0.117	9.95	0.000300	0.0000798	1	7119604
Total Tetra CDF **	pg/g	5.17	0.141	0.995			7	7119604
Total Penta CDF **	pg/g	0.532	0.111	4.97			2	7119604
Total Hexa CDF **	pg/g	0.906	0.0792	4.97			3	7119604
Total Hepta CDF **	pg/g	1.06	0.0926	4.97			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.85	0.13	0.99	0.100	0.0850		7127826
TOTAL TOXIC EQUIVALENCY	pg/g					1.02		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	51						7127826

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ599						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-24	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	74						7119604
C13-1234678 HeptaCDD *	%	89						7119604
C13-1234678 HeptaCDF **	%	87						7119604
C13-123478 HexaCDD *	%	86						7119604
C13-123478 HexaCDF **	%	88						7119604
C13-1234789 HeptaCDF **	%	86						7119604
C13-123678 HexaCDD *	%	89						7119604
C13-123678 HexaCDF **	%	84						7119604
C13-12378 PentaCDD *	%	88						7119604
C13-12378 PentaCDF **	%	74						7119604
C13-123789 HexaCDF **	%	93						7119604
C13-234678 HexaCDF **	%	86						7119604
C13-23478 PentaCDF **	%	81						7119604
C13-2378 TetraCDD *	%	76						7119604
C13-2378 TetraCDF **	%	76						7119604
C13-OCDD *	%	83						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ600						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0820	0.0820	0.998	1.00	0.0820	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.446	0.128	4.99	1.00	0.446	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	0.128	0.112	4.99	0.100	0.0128	1	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.697	0.110	4.99	0.100	0.0697	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.321	0.107	4.99	0.100	0.0321	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.862	0.0790	4.99	0.0100	0.00862	1	7119604
Octa CDD *	pg/g	0.515	0.116	9.98	0.000300	0.000155	1	7119604
Total Tetra CDD *	pg/g	0.405	0.0406	0.998			1	7119604
Total Penta CDD *	pg/g	0.805	0.128	4.99			2	7119604
Total Hexa CDD *	pg/g	3.36	0.110	4.99			5	7119604
Total Hepta CDD *	pg/g	1.72	0.0790	4.99			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.17	0.0804	0.998	0.100	0.117	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.144	0.144	4.99	0.0300	0.00432	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.162	0.115	4.99	0.300	0.0486	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.113	0.0200	4.99	0.100	0.0113	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0730	0.0730	4.99	0.100	0.00730	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0520	0.0520	4.99	0.100	0.00520	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.247	0.0669	4.99	0.0100	0.00247	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0837	0.0837	4.99	0.0100	0.000837	0	7119604
Octa CDF **	pg/g	0.194	0.101	9.98	0.000300	0.0000582	1	7119604
Total Tetra CDF **	pg/g	4.17	0.0804	0.998			8	7119604
Total Penta CDF **	pg/g	0.756	0.128	4.99			3	7119604
Total Hexa CDF **	pg/g	0.607	0.0196	4.99			3	7119604
Total Hepta CDF **	pg/g	0.394	0.0742	4.99			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.58	0.13	1.0	0.100	0.0580		7127826
TOTAL TOXIC EQUIVALENCY	pg/g					0.800		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	56						7127826

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ600						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-25	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	82						7119604
C13-1234678 HeptaCDD *	%	92						7119604
C13-1234678 HeptaCDF **	%	93						7119604
C13-123478 HexaCDD *	%	93						7119604
C13-123478 HexaCDF **	%	92						7119604
C13-1234789 HeptaCDF **	%	88						7119604
C13-123678 HexaCDD *	%	88						7119604
C13-123678 HexaCDF **	%	89						7119604
C13-12378 PentaCDD *	%	92						7119604
C13-12378 PentaCDF **	%	79						7119604
C13-123789 HexaCDF **	%	99						7119604
C13-234678 HexaCDF **	%	93						7119604
C13-23478 PentaCDF **	%	86						7119604
C13-2378 TetraCDD *	%	83						7119604
C13-2378 TetraCDF **	%	84						7119604
C13-OCDD *	%	82						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ604						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.202	0.0852	1.00	1.00	0.202	1	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.944	0.0951	5.00	1.00	0.944	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	0.269	0.109	5.00	0.100	0.0269	1	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	2.05	0.0992	5.00	0.100	0.205	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.744	0.100	5.00	0.100	0.0744	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.57	0.0893	5.00	0.0100	0.0257	1	7119604
Octa CDD *	pg/g	1.32	0.114	10.0	0.000300	0.000396	1	7119604
Total Tetra CDD *	pg/g	1.37	0.0852	1.00			3	7119604
Total Penta CDD *	pg/g	2.44	0.0951	5.00			5	7119604
Total Hexa CDD *	pg/g	8.52	0.103	5.00			6	7119604
Total Hepta CDD *	pg/g	5.70	0.0893	5.00			2	7119604
2,3,7,8-Tetra CDF **	pg/g	2.03	0.101	1.00	0.100	0.203	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	0.288	0.0961	5.00	0.0300	0.00864	1	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.392	0.0770	5.00	0.300	0.118	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.288	0.0753	5.00	0.100	0.0288	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	0.229	0.0718	5.00	0.100	0.0229	1	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	0.256	0.0737	5.00	0.100	0.0256	1	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	0.218	0.0756	5.00	0.100	0.0218	1	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.594	0.0800	5.00	0.0100	0.00594	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.264	0.0977	5.00	0.0100	0.00264	1	7119604
Octa CDF **	pg/g	0.646	0.0908	10.0	0.000300	0.000194	1	7119604
Total Tetra CDF **	pg/g	8.66	0.101	1.00			10	7119604
Total Penta CDF **	pg/g	2.16	0.0857	5.00			6	7119604
Total Hexa CDF **	pg/g	2.22	0.0740	5.00			8	7119604
Total Hepta CDF **	pg/g	1.43	0.0878	5.00			3	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.79	0.13	1.0	0.100	0.179		7132986
TOTAL TOXIC EQUIVALENCY	pg/g					1.89		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	77						7132986

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ604						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-26	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	78						7119604
C13-1234678 HeptaCDD *	%	93						7119604
C13-1234678 HeptaCDF **	%	90						7119604
C13-123478 HexaCDD *	%	90						7119604
C13-123478 HexaCDF **	%	91						7119604
C13-1234789 HeptaCDF **	%	88						7119604
C13-123678 HexaCDD *	%	91						7119604
C13-123678 HexaCDF **	%	89						7119604
C13-12378 PentaCDD *	%	91						7119604
C13-12378 PentaCDF **	%	80						7119604
C13-123789 HexaCDF **	%	96						7119604
C13-234678 HexaCDF **	%	89						7119604
C13-23478 PentaCDF **	%	88						7119604
C13-2378 TetraCDD *	%	81						7119604
C13-2378 TetraCDF **	%	81						7119604
C13-OCDD *	%	87						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ606						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.199	0.0983	0.999	1.00	0.199	1	7119604
1,2,3,7,8-Penta CDD *	pg/g	1.45	0.123	5.00	1.00	1.45	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	0.954	0.109	5.00	0.100	0.0954	1	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	1.81	0.106	5.00	0.100	0.181	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	1.36	0.104	5.00	0.100	0.136	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	2.08	0.0834	5.00	0.0100	0.0208	1	7119604
Octa CDD *	pg/g	3.50	0.128	9.99	0.000300	0.00105	1	7119604
Total Tetra CDD *	pg/g	0.556	0.0983	0.999			2	7119604
Total Penta CDD *	pg/g	1.77	0.123	5.00			2	7119604
Total Hexa CDD *	pg/g	6.32	0.106	5.00			5	7119604
Total Hepta CDD *	pg/g	3.06	0.0834	5.00			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.91	0.0879	0.999	0.100	0.191	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	0.929	0.117	5.00	0.0300	0.0279	1	7119604
2,3,4,7,8-Penta CDF **	pg/g	1.30	0.0955	5.00	0.300	0.390	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.987	0.0693	5.00	0.100	0.0987	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	0.974	0.0673	5.00	0.100	0.0974	1	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	1.34	0.0667	5.00	0.100	0.134	1	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	1.25	0.0702	5.00	0.100	0.125	1	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	1.16	0.0798	5.00	0.0100	0.0116	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	1.47	0.0969	5.00	0.0100	0.0147	1	7119604
Octa CDF **	pg/g	3.30	0.117	9.99	0.000300	0.000990	1	7119604
Total Tetra CDF **	pg/g	5.45	0.0879	0.999			9	7119604
Total Penta CDF **	pg/g	3.13	0.105	5.00			4	7119604
Total Hexa CDF **	pg/g	5.20	0.0683	5.00			6	7119604
Total Hepta CDF **	pg/g	2.62	0.0874	5.00			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.61	0.11	1.0	0.100	0.161		7132986
TOTAL TOXIC EQUIVALENCY	pg/g					3.14		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	84						7132986

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ606						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-28	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	76						7119604
C13-1234678 HeptaCDD *	%	92						7119604
C13-1234678 HeptaCDF **	%	89						7119604
C13-123478 HexaCDD *	%	92						7119604
C13-123478 HexaCDF **	%	90						7119604
C13-1234789 HeptaCDF **	%	87						7119604
C13-123678 HexaCDD *	%	88						7119604
C13-123678 HexaCDF **	%	86						7119604
C13-12378 PentaCDD *	%	92						7119604
C13-12378 PentaCDF **	%	80						7119604
C13-123789 HexaCDF **	%	94						7119604
C13-234678 HexaCDF **	%	90						7119604
C13-23478 PentaCDF **	%	85						7119604
C13-2378 TetraCDD *	%	80						7119604
C13-2378 TetraCDF **	%	81						7119604
C13-OCDD *	%	84						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ607						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.440	0.136	0.998	1.00	0.440	1	7119604
1,2,3,7,8-Penta CDD *	pg/g	2.20	0.0905	4.99	1.00	2.20	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	1.96	0.136	4.99	0.100	0.196	1	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	2.94	0.121	4.99	0.100	0.294	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	2.79	0.124	4.99	0.100	0.279	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	4.27	0.114	4.99	0.0100	0.0427	1	7119604
Octa CDD *	pg/g	7.53	0.118	9.98	0.000300	0.00226	1	7119604
Total Tetra CDD *	pg/g	1.34	0.136	0.998			2	7119604
Total Penta CDD *	pg/g	2.89	0.0905	4.99			3	7119604
Total Hexa CDD *	pg/g	12.1	0.127	4.99			5	7119604
Total Hepta CDD *	pg/g	6.24	0.114	4.99			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.99	0.0987	0.998	0.100	0.199	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	1.70	0.140	4.99	0.0300	0.0510	1	7119604
2,3,4,7,8-Penta CDF **	pg/g	2.19	0.111	4.99	0.300	0.657	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	1.78	0.0786	4.99	0.100	0.178	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	1.82	0.0768	4.99	0.100	0.182	1	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	2.68	0.0776	4.99	0.100	0.268	1	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	2.65	0.0805	4.99	0.100	0.265	1	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	2.40	0.0694	4.99	0.0100	0.0240	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	3.09	0.0851	4.99	0.0100	0.0309	1	7119604
Octa CDF **	pg/g	6.79	0.118	9.98	0.000300	0.00204	1	7119604
Total Tetra CDF **	pg/g	6.67	0.0987	0.998			8	7119604
Total Penta CDF **	pg/g	5.07	0.124	4.99			5	7119604
Total Hexa CDF **	pg/g	9.95	0.0783	4.99			7	7119604
Total Hepta CDF **	pg/g	5.88	0.0764	4.99			3	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.43	0.13	1.0	0.100	0.143		7132986
TOTAL TOXIC EQUIVALENCY	pg/g					5.25		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	85						7132986

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ607						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-29	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	82						7119604
C13-1234678 HeptaCDD *	%	95						7119604
C13-1234678 HeptaCDF **	%	95						7119604
C13-123478 HexaCDD *	%	93						7119604
C13-123478 HexaCDF **	%	95						7119604
C13-1234789 HeptaCDF **	%	92						7119604
C13-123678 HexaCDD *	%	96						7119604
C13-123678 HexaCDF **	%	92						7119604
C13-12378 PentaCDD *	%	97						7119604
C13-12378 PentaCDF **	%	82						7119604
C13-123789 HexaCDF **	%	99						7119604
C13-234678 HexaCDF **	%	93						7119604
C13-23478 PentaCDF **	%	91						7119604
C13-2378 TetraCDD *	%	82						7119604
C13-2378 TetraCDF **	%	83						7119604
C13-OCDD *	%	90						7119604

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0715	0.0715	0.999	1.00	0.0715	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.336	0.146	4.99	1.00	0.336	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0920	0.0920	4.99	0.100	0.00920	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.990	0.0686	4.99	0.100	0.0990	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.328	0.0677	4.99	0.100	0.0328	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.747	0.0643	4.99	0.0100	0.00747	1	7119604
Octa CDD *	pg/g	0.511	0.104	9.99	0.000300	0.000153	1	7119604
Total Tetra CDD *	pg/g	0.450	0.0715	0.999			1	7119604
Total Penta CDD *	pg/g	0.336	0.146	4.99			1	7119604
Total Hexa CDD *	pg/g	3.96	0.0690	4.99			4	7119604
Total Hepta CDD *	pg/g	1.64	0.0643	4.99			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.18	0.0587	0.999	0.100	0.118	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	0.118	0.103	4.99	0.0300	0.00354	1	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.218	0.0863	4.99	0.300	0.0654	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.142 (1)	0.142	4.99	0.100	0.0142	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0670	0.0670	4.99	0.100	0.00670	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0990	0.0990	4.99	0.100	0.00990	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0640	0.0640	4.99	0.100	0.00640	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.128 (2)	0.128	4.99	0.0100	0.00128	0	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0460	0.0460	4.99	0.0100	0.000460	0	7119604
Octa CDF **	pg/g	<0.0790	0.0790	9.99	0.000300	0.0000237	0	7119604
Total Tetra CDF **	pg/g	3.61	0.0587	0.999			6	7119604
Total Penta CDF **	pg/g	0.774	0.0940	4.99			3	7119604
Total Hexa CDF **	pg/g	<0.212	0.212	4.99			0	7119604
Total Hepta CDF **	pg/g	<0.182	0.182	4.99			0	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.93	0.12	1.0	0.100	0.0930		7132986
TOTAL TOXIC EQUIVALENCY	pg/g					0.757		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ615						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-31	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	83						7132986
37CL4 2378 Tetra CDD *	%	76						7119604
C13-1234678 HeptaCDD *	%	86						7119604
C13-1234678 HeptaCDF **	%	87						7119604
C13-123478 HexaCDD *	%	89						7119604
C13-123478 HexaCDF **	%	85						7119604
C13-1234789 HeptaCDF **	%	83						7119604
C13-123678 HexaCDD *	%	91						7119604
C13-123678 HexaCDF **	%	82						7119604
C13-12378 PentaCDD *	%	101						7119604
C13-12378 PentaCDF **	%	81						7119604
C13-123789 HexaCDF **	%	87						7119604
C13-234678 HexaCDF **	%	82						7119604
C13-23478 PentaCDF **	%	88						7119604
C13-2378 TetraCDD *	%	76						7119604
C13-2378 TetraCDF **	%	76						7119604
C13-OCDD *	%	81						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.208	0.208	0.996	1.00	0.208	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	<0.379	0.379	4.98	1.00	0.379	0	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.439 (1)	0.439	4.98	0.100	0.0439	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.388 (1)	0.388	4.98	0.100	0.0388	0	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.157	0.157	4.98	0.100	0.0157	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.497	0.113	4.98	0.0100	0.00497	1	7119604
Octa CDD *	pg/g	0.306	0.133	9.96	0.000300	0.0000918	1	7119604
Total Tetra CDD *	pg/g	<0.330	0.330	0.996			0	7119604
Total Penta CDD *	pg/g	<0.379	0.379	4.98			0	7119604
Total Hexa CDD *	pg/g	0.807	0.161	4.98			1	7119604
Total Hepta CDD *	pg/g	0.497	0.113	4.98			1	7119604
2,3,7,8-Tetra CDF **	pg/g	<0.962 (2)	0.962	0.996	0.100	0.0962	0	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.218	0.218	4.98	0.0300	0.00654	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	<0.174 (1)	0.174	4.98	0.300	0.0522	0	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0884	0.0884	4.98	0.100	0.00884	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0848	0.0848	4.98	0.100	0.00848	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0860	0.0860	4.98	0.100	0.00860	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0886	0.0886	4.98	0.100	0.00886	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.633	0.0897	4.98	0.0100	0.00633	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.109	0.109	4.98	0.0100	0.00109	0	7119604
Octa CDF **	pg/g	0.179	0.0995	9.96	0.000300	0.0000537	1	7119604
Total Tetra CDF **	pg/g	1.66	0.160	0.996			3	7119604
Total Penta CDF **	pg/g	<0.194	0.194	4.98			0	7119604
Total Hexa CDF **	pg/g	<0.313	0.313	4.98			0	7119604
Total Hepta CDF **	pg/g	1.03	0.0981	4.98			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.927	0.088	1.0	0.100	0.0927		7133822

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.
RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ626						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-32	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g					0.884		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	75						7133822
37CL4 2378 Tetra CDD *	%	70						7119604
C13-1234678 HeptaCDD *	%	88						7119604
C13-1234678 HeptaCDF **	%	90						7119604
C13-123478 HexaCDD *	%	85						7119604
C13-123478 HexaCDF **	%	85						7119604
C13-1234789 HeptaCDF **	%	89						7119604
C13-123678 HexaCDD *	%	90						7119604
C13-123678 HexaCDF **	%	83						7119604
C13-12378 PentaCDD *	%	90						7119604
C13-12378 PentaCDF **	%	73						7119604
C13-123789 HexaCDF **	%	90						7119604
C13-234678 HexaCDF **	%	85						7119604
C13-23478 PentaCDF **	%	80						7119604
C13-2378 TetraCDD *	%	74						7119604
C13-2378 TetraCDF **	%	74						7119604
C13-OCDD *	%	79						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0954	0.0954	0.999	1.00	0.0954	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.258	0.0985	5.00	1.00	0.258	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0904	0.0904	5.00	0.100	0.00904	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.276	0.0841	5.00	0.100	0.0276	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0880	0.0880	5.00	0.100	0.00880	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.452	0.0816	5.00	0.0100	0.00452	1	7119604
Octa CDD *	pg/g	0.943	0.134	9.99	0.000300	0.000283	1	7119604
Total Tetra CDD *	pg/g	0.501	0.0954	0.999			1	7119604
Total Penta CDD *	pg/g	0.385	0.0985	5.00			2	7119604
Total Hexa CDD *	pg/g	0.946	0.0862	5.00			3	7119604
Total Hepta CDD *	pg/g	0.922	0.0816	5.00			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.20	0.0564	0.999	0.100	0.120	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.109 (1)	0.109	5.00	0.0300	0.00327	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.161	0.0666	5.00	0.300	0.0483	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0970	0.0970	5.00	0.100	0.00970	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0726	0.0726	5.00	0.100	0.00726	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0834	0.0834	5.00	0.100	0.00834	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0871	0.0871	5.00	0.100	0.00871	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.248	0.0483	5.00	0.0100	0.00248	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0619	0.0619	5.00	0.0100	0.000619	0	7119604
Octa CDF **	pg/g	0.332	0.125	9.99	0.000300	0.0000996	1	7119604
Total Tetra CDF **	pg/g	3.78	0.0564	0.999			6	7119604
Total Penta CDF **	pg/g	0.576	0.0758	5.00			3	7119604
Total Hexa CDF **	pg/g	0.240	0.0788	5.00			2	7119604
Total Hepta CDF **	pg/g	0.530	0.0542	5.00			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.87	0.11	1.0	0.100	0.0870		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.579		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ683						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-38	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	79						7133822
37CL4 2378 Tetra CDD *	%	74						7119604
C13-1234678 HeptaCDD *	%	85						7119604
C13-1234678 HeptaCDF **	%	90						7119604
C13-123478 HexaCDD *	%	87						7119604
C13-123478 HexaCDF **	%	89						7119604
C13-1234789 HeptaCDF **	%	84						7119604
C13-123678 HexaCDD *	%	87						7119604
C13-123678 HexaCDF **	%	86						7119604
C13-12378 PentaCDD *	%	88						7119604
C13-12378 PentaCDF **	%	68						7119604
C13-123789 HexaCDF **	%	81						7119604
C13-234678 HexaCDF **	%	77						7119604
C13-23478 PentaCDF **	%	78						7119604
C13-2378 TetraCDD *	%	77						7119604
C13-2378 TetraCDF **	%	78						7119604
C13-OCDD *	%	69						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.121	0.121	0.999	1.00	0.121	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	<0.365 (1)	0.365	4.99	1.00	0.365	0	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.131	0.131	4.99	0.100	0.0131	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.845	0.108	4.99	0.100	0.0845	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.298	0.107	4.99	0.100	0.0298	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.61	0.109	4.99	0.0100	0.0161	1	7119604
Octa CDD *	pg/g	3.83	0.142	9.99	0.000300	0.00115	1	7119604
Total Tetra CDD *	pg/g	0.852	0.121	0.999			1	7119604
Total Penta CDD *	pg/g	<0.384	0.384	4.99			0	7119604
Total Hexa CDD *	pg/g	3.56	0.110	4.99			3	7119604
Total Hepta CDD *	pg/g	3.75	0.109	4.99			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.72	0.109	0.999	0.100	0.172	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.195	0.195	4.99	0.0300	0.00585	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	<0.229 (1)	0.229	4.99	0.300	0.0687	0	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	0.211	0.0471	4.99	0.100	0.0211	1	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	0.106	0.0473	4.99	0.100	0.0106	1	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0740	0.0740	4.99	0.100	0.00740	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0478	0.0478	4.99	0.100	0.00478	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.568	0.0590	4.99	0.0100	0.00568	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0709	0.0709	4.99	0.0100	0.000709	0	7119604
Octa CDF **	pg/g	<0.489 (1)	0.489	9.99	0.000300	0.000147	0	7119604
Total Tetra CDF **	pg/g	4.38	0.109	0.999			5	7119604
Total Penta CDF **	pg/g	<1.66	1.66	4.99			0	7119604
Total Hexa CDF **	pg/g	0.812	0.0471	4.99			4	7119604
Total Hepta CDF **	pg/g	1.23	0.0643	4.99			2	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.54	0.11	1.0	0.100	0.154		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.910		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ695						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-39	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	94						7133822
37CL4 2378 Tetra CDD *	%	88						7119604
C13-1234678 HeptaCDD *	%	99						7119604
C13-1234678 HeptaCDF **	%	103						7119604
C13-123478 HexaCDD *	%	96						7119604
C13-123478 HexaCDF **	%	97						7119604
C13-1234789 HeptaCDF **	%	102						7119604
C13-123678 HexaCDD *	%	95						7119604
C13-123678 HexaCDF **	%	91						7119604
C13-12378 PentaCDD *	%	99						7119604
C13-12378 PentaCDF **	%	83						7119604
C13-123789 HexaCDF **	%	102						7119604
C13-234678 HexaCDF **	%	95						7119604
C13-23478 PentaCDF **	%	91						7119604
C13-2378 TetraCDD *	%	87						7119604
C13-2378 TetraCDF **	%	87						7119604
C13-OCDD *	%	94						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	0.144	0.0938	0.995	1.00	0.144	1	7119604
1,2,3,7,8-Penta CDD *	pg/g	<0.293 (1)	0.293	4.98	1.00	0.293	0	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.98	0.100	0.0111	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.708	0.114	4.98	0.100	0.0708	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.197 (1)	0.197	4.98	0.100	0.0197	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	1.78	0.119	4.98	0.0100	0.0178	1	7119604
Octa CDD *	pg/g	2.78	0.115	9.95	0.000300	0.000834	1	7119604
Total Tetra CDD *	pg/g	0.144	0.0938	0.995			1	7119604
Total Penta CDD *	pg/g	0.293	0.224	4.98			1	7119604
Total Hexa CDD *	pg/g	3.24	0.111	4.98			3	7119604
Total Hepta CDD *	pg/g	4.50	0.119	4.98			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.54	0.0881	0.995	0.100	0.154	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.128	0.128	4.98	0.0300	0.00384	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.210	0.103	4.98	0.300	0.0630	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.98	0.100	0.0108	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0830	0.0830	4.98	0.100	0.00830	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0800	0.0800	4.98	0.100	0.00800	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0615	0.0615	4.98	0.100	0.00615	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.404	0.0610	4.98	0.0100	0.00404	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0733	0.0733	4.98	0.0100	0.000733	0	7119604
Octa CDF **	pg/g	0.473	0.0643	9.95	0.000300	0.000142	1	7119604
Total Tetra CDF **	pg/g	5.59	0.0881	0.995			8	7119604
Total Penta CDF **	pg/g	0.599	0.114	4.98			2	7119604
Total Hexa CDF **	pg/g	<0.385	0.385	4.98			0	7119604
Total Hepta CDF **	pg/g	0.404	0.0665	4.98			1	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.37	0.099	1.0	0.100	0.137		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.799		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ703						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-40	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	86						7133822
37CL4 2378 Tetra CDD *	%	78						7119604
C13-1234678 HeptaCDD *	%	90						7119604
C13-1234678 HeptaCDF **	%	94						7119604
C13-123478 HexaCDD *	%	94						7119604
C13-123478 HexaCDF **	%	89						7119604
C13-1234789 HeptaCDF **	%	93						7119604
C13-123678 HexaCDD *	%	85						7119604
C13-123678 HexaCDF **	%	85						7119604
C13-12378 PentaCDD *	%	104						7119604
C13-12378 PentaCDF **	%	83						7119604
C13-123789 HexaCDF **	%	93						7119604
C13-234678 HexaCDF **	%	86						7119604
C13-23478 PentaCDF **	%	90						7119604
C13-2378 TetraCDD *	%	85						7119604
C13-2378 TetraCDF **	%	90						7119604
C13-OCDD *	%	88						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0827	0.0827	0.994	1.00	0.0827	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	0.240	0.167	4.97	1.00	0.240	1	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0980	0.0980	4.97	0.100	0.00980	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.560	0.0854	4.97	0.100	0.0560	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.193 (1)	0.193	4.97	0.100	0.0193	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.821	0.0731	4.97	0.0100	0.00821	1	7119604
Octa CDD *	pg/g	0.651	0.0897	9.94	0.000300	0.000195	1	7119604
Total Tetra CDD *	pg/g	0.684	0.0827	0.994			1	7119604
Total Penta CDD *	pg/g	0.585	0.167	4.97			2	7119604
Total Hexa CDD *	pg/g	2.86	0.0840	4.97			3	7119604
Total Hepta CDD *	pg/g	2.40	0.0731	4.97			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.31	0.0710	0.994	0.100	0.131	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.0908	0.0908	4.97	0.0300	0.00272	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	0.150	0.0733	4.97	0.300	0.0450	1	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.115 (1)	0.115	4.97	0.100	0.0115	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0610	0.0610	4.97	0.100	0.00610	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0770	0.0770	4.97	0.100	0.00770	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0616	0.0616	4.97	0.100	0.00616	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.133 (1)	0.133	4.97	0.0100	0.00133	0	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0442	0.0442	4.97	0.0100	0.000442	0	7119604
Octa CDF **	pg/g	<0.120 (1)	0.120	9.94	0.000300	0.0000360	0	7119604
Total Tetra CDF **	pg/g	7.28	0.0710	0.994			9	7119604
Total Penta CDF **	pg/g	0.549	0.0814	4.97			2	7119604
Total Hexa CDF **	pg/g	0.376	0.0598	4.97			2	7119604
Total Hepta CDF **	pg/g	0.225	0.0388	4.97			1	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.03	0.10	0.99	0.100	0.103		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.600		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ706						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-41	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	91						7133822
37CL4 2378 Tetra CDD *	%	83						7119604
C13-1234678 HeptaCDD *	%	96						7119604
C13-1234678 HeptaCDF **	%	96						7119604
C13-123478 HexaCDD *	%	98						7119604
C13-123478 HexaCDF **	%	89						7119604
C13-1234789 HeptaCDF **	%	90						7119604
C13-123678 HexaCDD *	%	96						7119604
C13-123678 HexaCDF **	%	85						7119604
C13-12378 PentaCDD *	%	124						7119604
C13-12378 PentaCDF **	%	96						7119604
C13-123789 HexaCDF **	%	93						7119604
C13-234678 HexaCDF **	%	89						7119604
C13-23478 PentaCDF **	%	109						7119604
C13-2378 TetraCDD *	%	92						7119604
C13-2378 TetraCDF **	%	86						7119604
C13-OCDD *	%	90						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0968	0.0968	0.994	1.00	0.0968	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	<0.311 (1)	0.311	4.97	1.00	0.311	0	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0925	0.0925	4.97	0.100	0.00925	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.478	0.0899	4.97	0.100	0.0478	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.97	0.100	0.0101	0	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.335 (1)	0.335	4.97	0.0100	0.00335	0	7119604
Octa CDD *	pg/g	0.752	0.0888	9.94	0.000300	0.000226	1	7119604
Total Tetra CDD *	pg/g	<0.315	0.315	0.994			0	7119604
Total Penta CDD *	pg/g	<0.311	0.311	4.97			0	7119604
Total Hexa CDD *	pg/g	0.640	0.0901	4.97			2	7119604
Total Hepta CDD *	pg/g	0.366	0.0762	4.97			1	7119604
2,3,7,8-Tetra CDF **	pg/g	1.24	0.0753	0.994	0.100	0.124	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.130	0.130	4.97	0.0300	0.00390	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	<0.180	0.180	4.97	0.300	0.0540	0	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0741	0.0741	4.97	0.100	0.00741	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0724	0.0724	4.97	0.100	0.00724	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0753	0.0753	4.97	0.100	0.00753	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0778	0.0778	4.97	0.100	0.00778	0	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.220	0.0498	4.97	0.0100	0.00220	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0592	0.0592	4.97	0.0100	0.000592	0	7119604
Octa CDF **	pg/g	<0.175 (2)	0.175	9.94	0.000300	0.0000525	0	7119604
Total Tetra CDF **	pg/g	3.73	0.0753	0.994			6	7119604
Total Penta CDF **	pg/g	0.329	0.117	4.97			1	7119604
Total Hexa CDF **	pg/g	<0.138	0.138	4.97			0	7119604
Total Hepta CDF **	pg/g	0.220	0.0540	4.97			1	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	0.890	0.095	0.99	0.100	0.0890		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.658		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ707						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-42	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	92						7133822
37CL4 2378 Tetra CDD *	%	87						7119604
C13-1234678 HeptaCDD *	%	95						7119604
C13-1234678 HeptaCDF **	%	96						7119604
C13-123478 HexaCDD *	%	95						7119604
C13-123478 HexaCDF **	%	94						7119604
C13-1234789 HeptaCDF **	%	97						7119604
C13-123678 HexaCDD *	%	90						7119604
C13-123678 HexaCDF **	%	90						7119604
C13-12378 PentaCDD *	%	109						7119604
C13-12378 PentaCDF **	%	89						7119604
C13-123789 HexaCDF **	%	96						7119604
C13-234678 HexaCDF **	%	90						7119604
C13-23478 PentaCDF **	%	96						7119604
C13-2378 TetraCDD *	%	89						7119604
C13-2378 TetraCDF **	%	88						7119604
C13-OCDD *	%	89						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.155	0.155	0.996	1.00	0.155	0	7119604
1,2,3,7,8-Penta CDD *	pg/g	<0.388 (1)	0.388	4.98	1.00	0.388	0	7119604
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112 (1)	0.112	4.98	0.100	0.0112	0	7119604
1,2,3,6,7,8-Hexa CDD *	pg/g	0.704	0.114	4.98	0.100	0.0704	1	7119604
1,2,3,7,8,9-Hexa CDD *	pg/g	0.190	0.110	4.98	0.100	0.0190	1	7119604
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.856	0.107	4.98	0.0100	0.00856	1	7119604
Octa CDD *	pg/g	1.16	0.127	9.96	0.000300	0.000348	1	7119604
Total Tetra CDD *	pg/g	0.856	0.155	0.996			1	7119604
Total Penta CDD *	pg/g	<0.388	0.388	4.98			0	7119604
Total Hexa CDD *	pg/g	2.59	0.112	4.98			4	7119604
Total Hepta CDD *	pg/g	3.72	0.107	4.98			2	7119604
2,3,7,8-Tetra CDF **	pg/g	1.79	0.0968	0.996	0.100	0.179	1	7119604
1,2,3,7,8-Penta CDF **	pg/g	<0.165 (1)	0.165	4.98	0.0300	0.00495	0	7119604
2,3,4,7,8-Penta CDF **	pg/g	<0.171 (1)	0.171	4.98	0.300	0.0513	0	7119604
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0610	0.0610	4.98	0.100	0.00610	0	7119604
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0580	0.0580	4.98	0.100	0.00580	0	7119604
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0930	0.0930	4.98	0.100	0.00930	0	7119604
1,2,3,7,8,9-Hexa CDF **	pg/g	0.144	0.0551	4.98	0.100	0.0144	1	7119604
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.255	0.0505	4.98	0.0100	0.00255	1	7119604
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0652	0.0652	4.98	0.0100	0.000652	0	7119604
Octa CDF **	pg/g	<0.0921	0.0921	9.96	0.000300	0.0000276	0	7119604
Total Tetra CDF **	pg/g	7.18	0.0968	0.996			9	7119604
Total Penta CDF **	pg/g	<0.954	0.954	4.98			0	7119604
Total Hexa CDF **	pg/g	0.144	0.0506	4.98			1	7119604
Total Hepta CDF **	pg/g	0.255	0.0569	4.98			1	7119604
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.38	0.10	1.0	0.100	0.138		7133822
TOTAL TOXIC EQUIVALENCY	pg/g					0.886		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ722						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-HEP-43	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	69						7133822
37CL4 2378 Tetra CDD *	%	54						7119604
C13-1234678 HeptaCDD *	%	67						7119604
C13-1234678 HeptaCDF **	%	67						7119604
C13-123478 HexaCDD *	%	74						7119604
C13-123478 HexaCDF **	%	66						7119604
C13-1234789 HeptaCDF **	%	62						7119604
C13-123678 HexaCDD *	%	72						7119604
C13-123678 HexaCDF **	%	61						7119604
C13-12378 PentaCDD *	%	87						7119604
C13-12378 PentaCDF **	%	69						7119604
C13-123789 HexaCDF **	%	64						7119604
C13-234678 HexaCDF **	%	67						7119604
C13-23478 PentaCDF **	%	78						7119604
C13-2378 TetraCDD *	%	64						7119604
C13-2378 TetraCDF **	%	63						7119604
C13-OCDD *	%	67						7119604

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.124	0.124	0.973	1.00	0.124		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.0416	0.0416	4.86	1.00	0.0416		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.110	0.110	4.86	0.100	0.0110		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.109	0.109	4.86	0.100	0.0109		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.101	0.101	4.86	0.100	0.0101		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.127	0.127	4.86	0.0100	0.00127		7107704
Octa CDD *	pg/g	0.181	0.123	9.73	0.000300	0.0000543		7107704
Total Tetra CDD *	pg/g	<0.124	0.124	0.973			0	7107704
Total Penta CDD *	pg/g	<0.0416	0.0416	4.86			0	7107704
Total Hexa CDD *	pg/g	<0.106	0.106	4.86			0	7107704
Total Hepta CDD *	pg/g	<0.127	0.127	4.86			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.125	0.125	0.973	0.100	0.0125		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.117	0.117	4.86	0.0300	0.00351		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.86	0.300	0.0318		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.86	0.100	0.0104		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.86	0.100	0.0106		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.86	0.100	0.0100		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.86	0.100	0.0105		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	4.86	0.0100	0.00120		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.124	0.124	4.86	0.0100	0.00124		7107704
Octa CDF **	pg/g	<0.132	0.132	9.73	0.000300	0.0000396		7107704
Total Tetra CDF **	pg/g	<0.125	0.125	0.973			0	7107704
Total Penta CDF **	pg/g	<0.111	0.111	4.86			0	7107704
Total Hexa CDF **	pg/g	<0.104	0.104	4.86			0	7107704
Total Hepta CDF **	pg/g	<0.122	0.122	4.86			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.291		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	62						7107704
C13-1234678 HeptaCDD *	%	79						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ736						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	98						7107704
C13-123478 HexaCDD *	%	73						7107704
C13-123478 HexaCDF **	%	80						7107704
C13-1234789 HeptaCDF **	%	93						7107704
C13-123678 HexaCDD *	%	79						7107704
C13-123678 HexaCDF **	%	77						7107704
C13-12378 PentaCDD *	%	95						7107704
C13-12378 PentaCDF **	%	83						7107704
C13-123789 HexaCDF **	%	83						7107704
C13-234678 HexaCDF **	%	76						7107704
C13-23478 PentaCDF **	%	95						7107704
C13-2378 TetraCDD *	%	64						7107704
C13-2378 TetraCDF **	%	66						7107704
C13-OCDD *	%	84						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.123	0.123	0.998	1.00	0.123		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.99	1.00	0.121		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.135	0.135	4.99	0.100	0.0135		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.135	0.135	4.99	0.100	0.0135		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.125	0.125	4.99	0.100	0.0125		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0863	0.0863	4.99	0.0100	0.000863		7107704
Octa CDD *	pg/g	0.338	0.123	9.98	0.000300	0.000101		7107704
Total Tetra CDD *	pg/g	<0.123	0.123	0.998			0	7107704
Total Penta CDD *	pg/g	<0.121	0.121	4.99			0	7107704
Total Hexa CDD *	pg/g	<0.131	0.131	4.99			0	7107704
Total Hepta CDD *	pg/g	<0.0863	0.0863	4.99			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.120	0.120	0.998	0.100	0.0120		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.144	0.144	4.99	0.0300	0.00432		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.130	0.130	4.99	0.300	0.0390		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.127	0.127	4.99	0.100	0.0127		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.130	0.130	4.99	0.100	0.0130		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.122	0.122	4.99	0.100	0.0122		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.128	0.128	4.99	0.100	0.0128		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.128	0.128	4.99	0.0100	0.00128		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.132	0.132	4.99	0.0100	0.00132		7107704
Octa CDF **	pg/g	<0.131	0.131	9.98	0.000300	0.0000393		7107704
Total Tetra CDF **	pg/g	<0.120	0.120	0.998			0	7107704
Total Penta CDF **	pg/g	<0.137	0.137	4.99			0	7107704
Total Hexa CDF **	pg/g	<0.127	0.127	4.99			0	7107704
Total Hepta CDF **	pg/g	<0.130	0.130	4.99			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.393		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						7107704
C13-1234678 HeptaCDD *	%	84						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ779						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	107						7107704
C13-123478 HexaCDD *	%	86						7107704
C13-123478 HexaCDF **	%	92						7107704
C13-1234789 HeptaCDF **	%	96						7107704
C13-123678 HexaCDD *	%	83						7107704
C13-123678 HexaCDF **	%	85						7107704
C13-12378 PentaCDD *	%	116						7107704
C13-12378 PentaCDF **	%	100						7107704
C13-123789 HexaCDF **	%	93						7107704
C13-234678 HexaCDF **	%	79						7107704
C13-23478 PentaCDF **	%	119						7107704
C13-2378 TetraCDD *	%	77						7107704
C13-2378 TetraCDF **	%	88						7107704
C13-OCDD *	%	89						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.128	0.128	0.977	1.00	0.128		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.108	0.108	4.89	1.00	0.108		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.108	0.108	4.89	0.100	0.0108		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.107	0.107	4.89	0.100	0.0107		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0994	0.0994	4.89	0.100	0.00994		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.89	0.0100	0.00106		7107704
Octa CDD *	pg/g	<0.119	0.119	9.77	0.000300	0.0000357		7107704
Total Tetra CDD *	pg/g	<0.128	0.128	0.977			0	7107704
Total Penta CDD *	pg/g	<0.108	0.108	4.89			0	7107704
Total Hexa CDD *	pg/g	<0.105	0.105	4.89			0	7107704
Total Hepta CDD *	pg/g	<0.106	0.106	4.89			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.116	0.116	0.977	0.100	0.0116		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.0913	0.0913	4.89	0.0300	0.00274		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0825	0.0825	4.89	0.300	0.0248		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.89	0.100	0.0104		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.89	0.100	0.0106		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.100	0.100	4.89	0.100	0.0100		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.105	0.105	4.89	0.100	0.0105		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.377	0.111	4.89	0.0100	0.00377		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.89	0.0100	0.00114		7107704
Octa CDF **	pg/g	<0.127	0.127	9.77	0.000300	0.0000381		7107704
Total Tetra CDF **	pg/g	<0.116	0.116	0.977			0	7107704
Total Penta CDF **	pg/g	<0.0867	0.0867	4.89			0	7107704
Total Hexa CDF **	pg/g	<0.104	0.104	4.89			0	7107704
Total Hepta CDF **	pg/g	0.623	0.113	4.89			2	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.354		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81						7107704
C13-1234678 HeptaCDD *	%	86						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ780						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	107						7107704
C13-123478 HexaCDD *	%	89						7107704
C13-123478 HexaCDF **	%	84						7107704
C13-1234789 HeptaCDF **	%	92						7107704
C13-123678 HexaCDD *	%	95						7107704
C13-123678 HexaCDF **	%	91						7107704
C13-12378 PentaCDD *	%	152						7107704
C13-12378 PentaCDF **	%	132						7107704
C13-123789 HexaCDF **	%	105						7107704
C13-234678 HexaCDF **	%	93						7107704
C13-23478 PentaCDF **	%	156						7107704
C13-2378 TetraCDD *	%	82						7107704
C13-2378 TetraCDF **	%	92						7107704
C13-OCDD *	%	86						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0848	0.0848	0.995	1.00	0.0848		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.133	0.133	4.97	1.00	0.133		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0998	0.0998	4.97	0.100	0.00998		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.100	0.100	4.97	0.100	0.0100		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.97	0.100	0.0106		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0886	0.0886	4.97	0.0100	0.000886		7107704
Octa CDD *	pg/g	<0.158	0.158	9.95	0.000300	0.0000474		7107704
Total Tetra CDD *	pg/g	<0.0848	0.0848	0.995			0	7107704
Total Penta CDD *	pg/g	<0.133	0.133	4.97			0	7107704
Total Hexa CDD *	pg/g	<0.104	0.104	4.97			0	7107704
Total Hepta CDD *	pg/g	<0.0886	0.0886	4.97			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.123	0.123	0.995	0.100	0.0123		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.0839	0.0839	4.97	0.0300	0.00252		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0767	0.0767	4.97	0.300	0.0230		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.97	0.100	0.0102		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.97	0.100	0.0105		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.97	0.100	0.00989		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.106	0.106	4.97	0.100	0.0106		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.125	0.125	4.97	0.0100	0.00125		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.121	0.121	4.97	0.0100	0.00121		7107704
Octa CDF **	pg/g	<0.140	0.140	9.95	0.000300	0.0000420		7107704
Total Tetra CDF **	pg/g	<0.123	0.123	0.995			0	7107704
Total Penta CDF **	pg/g	<0.0801	0.0801	4.97			0	7107704
Total Hexa CDF **	pg/g	<0.103	0.103	4.97			0	7107704
Total Hepta CDF **	pg/g	<0.123	0.123	4.97			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.331		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	87						7107704
C13-1234678 HeptaCDD *	%	81						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ781						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	88						7107704
C13-123478 HexaCDD *	%	83						7107704
C13-123478 HexaCDF **	%	91						7107704
C13-1234789 HeptaCDF **	%	79						7107704
C13-123678 HexaCDD *	%	95						7107704
C13-123678 HexaCDF **	%	89						7107704
C13-12378 PentaCDD *	%	98						7107704
C13-12378 PentaCDF **	%	83						7107704
C13-123789 HexaCDF **	%	102						7107704
C13-234678 HexaCDF **	%	92						7107704
C13-23478 PentaCDF **	%	106						7107704
C13-2378 TetraCDD *	%	82						7107704
C13-2378 TetraCDF **	%	90						7107704
C13-OCDD *	%	58						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.114	0.114	0.989	1.00	0.114		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.105	0.105	4.95	1.00	0.105		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.95	0.100	0.0118		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.95	0.100	0.0119		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.125	0.125	4.95	0.100	0.0125		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.114	0.114	4.95	0.0100	0.00114		7107704
Octa CDD *	pg/g	<0.130	0.130	9.89	0.000300	0.0000390		7107704
Total Tetra CDD *	pg/g	<0.114	0.114	0.989			0	7107704
Total Penta CDD *	pg/g	<0.105	0.105	4.95			0	7107704
Total Hexa CDD *	pg/g	<0.122	0.122	4.95			0	7107704
Total Hepta CDD *	pg/g	<0.114	0.114	4.95			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.0973	0.0973	0.989	0.100	0.00973		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.113	0.113	4.95	0.0300	0.00339		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.103	0.103	4.95	0.300	0.0309		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0853	0.0853	4.95	0.100	0.00853		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0875	0.0875	4.95	0.100	0.00875		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0826	0.0826	4.95	0.100	0.00826		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0883	0.0883	4.95	0.100	0.00883		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.114	0.114	4.95	0.0100	0.00114		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.111	0.111	4.95	0.0100	0.00111		7107704
Octa CDF **	pg/g	<0.157	0.157	9.89	0.000300	0.0000471		7107704
Total Tetra CDF **	pg/g	<0.0973	0.0973	0.989			0	7107704
Total Penta CDF **	pg/g	<0.108	0.108	4.95			0	7107704
Total Hexa CDF **	pg/g	<0.0859	0.0859	4.95			0	7107704
Total Hepta CDF **	pg/g	<0.113	0.113	4.95			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.337		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7107704
C13-1234678 HeptaCDD *	%	76						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ783						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	86						7107704
C13-123478 HexaCDD *	%	82						7107704
C13-123478 HexaCDF **	%	88						7107704
C13-1234789 HeptaCDF **	%	74						7107704
C13-123678 HexaCDD *	%	88						7107704
C13-123678 HexaCDF **	%	87						7107704
C13-12378 PentaCDD *	%	77						7107704
C13-12378 PentaCDF **	%	79						7107704
C13-123789 HexaCDF **	%	98						7107704
C13-234678 HexaCDF **	%	89						7107704
C13-23478 PentaCDF **	%	87						7107704
C13-2378 TetraCDD *	%	83						7107704
C13-2378 TetraCDF **	%	95						7107704
C13-OCDD *	%	53						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.108	0.108	0.992	1.00	0.108		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.96	1.00	0.117		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.116	0.116	4.96	0.100	0.0116		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.117	0.117	4.96	0.100	0.0117		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.123	0.123	4.96	0.100	0.0123		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.109	0.109	4.96	0.0100	0.00109		7107704
Octa CDD *	pg/g	<0.114	0.114	9.92	0.000300	0.0000342		7107704
Total Tetra CDD *	pg/g	<0.108	0.108	0.992			0	7107704
Total Penta CDD *	pg/g	<0.117	0.117	4.96			0	7107704
Total Hexa CDD *	pg/g	<0.120	0.120	4.96			0	7107704
Total Hepta CDD *	pg/g	<0.109	0.109	4.96			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.103	0.103	0.992	0.100	0.0103		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.100	0.100	4.96	0.0300	0.00300		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0918	0.0918	4.96	0.300	0.0275		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0955	0.0955	4.96	0.100	0.00955		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0981	0.0981	4.96	0.100	0.00981		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0926	0.0926	4.96	0.100	0.00926		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0990	0.0990	4.96	0.100	0.00990		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.96	0.0100	0.00118		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.96	0.0100	0.00114		7107704
Octa CDF **	pg/g	<0.127	0.127	9.92	0.000300	0.0000381		7107704
Total Tetra CDF **	pg/g	<0.103	0.103	0.992			0	7107704
Total Penta CDF **	pg/g	<0.0959	0.0959	4.96			0	7107704
Total Hexa CDF **	pg/g	<0.0962	0.0962	4.96			0	7107704
Total Hepta CDF **	pg/g	<0.116	0.116	4.96			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.343		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83						7107704
C13-1234678 HeptaCDD *	%	78						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ784						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	84						7107704
C13-123478 HexaCDD *	%	79						7107704
C13-123478 HexaCDF **	%	85						7107704
C13-1234789 HeptaCDF **	%	74						7107704
C13-123678 HexaCDD *	%	82						7107704
C13-123678 HexaCDF **	%	83						7107704
C13-12378 PentaCDD *	%	72						7107704
C13-12378 PentaCDF **	%	65						7107704
C13-123789 HexaCDF **	%	93						7107704
C13-234678 HexaCDF **	%	85						7107704
C13-23478 PentaCDF **	%	76						7107704
C13-2378 TetraCDD *	%	79						7107704
C13-2378 TetraCDF **	%	85						7107704
C13-OCDD *	%	56						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.991	1.00	0.109		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.95	1.00	0.111		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.95	0.100	0.0112		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.95	0.100	0.0112		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.104	0.104	4.95	0.100	0.0104		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.314	0.121	4.95	0.0100	0.00314		7107704
Octa CDD *	pg/g	1.51	0.0952	9.91	0.000300	0.000453		7107704
Total Tetra CDD *	pg/g	<0.109	0.109	0.991			0	7107704
Total Penta CDD *	pg/g	<0.111	0.111	4.95			0	7107704
Total Hexa CDD *	pg/g	<0.109	0.109	4.95			0	7107704
Total Hepta CDD *	pg/g	0.314	0.121	4.95			1	7107704
2,3,7,8-Tetra CDF **	pg/g	0.125	0.112	0.991	0.100	0.0125		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.109	0.109	4.95	0.0300	0.00327		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0981	0.0981	4.95	0.300	0.0294		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.95	0.100	0.0112		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.95	0.100	0.0114		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.95	0.100	0.0108		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.95	0.100	0.0113		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.118	0.118	4.95	0.0100	0.00118		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.122	0.122	4.95	0.0100	0.00122		7107704
Octa CDF **	pg/g	0.294	0.102	9.91	0.000300	0.0000882		7107704
Total Tetra CDF **	pg/g	0.125	0.112	0.991			1	7107704
Total Penta CDF **	pg/g	<0.103	0.103	4.95			0	7107704
Total Hexa CDF **	pg/g	<0.112	0.112	4.95			0	7107704
Total Hepta CDF **	pg/g	0.194	0.120	4.95			1	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.349		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7107704
C13-1234678 HeptaCDD *	%	79						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ808						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	88						7107704
C13-123478 HexaCDD *	%	82						7107704
C13-123478 HexaCDF **	%	79						7107704
C13-1234789 HeptaCDF **	%	82						7107704
C13-123678 HexaCDD *	%	89						7107704
C13-123678 HexaCDF **	%	88						7107704
C13-12378 PentaCDD *	%	136						7107704
C13-12378 PentaCDF **	%	121						7107704
C13-123789 HexaCDF **	%	94						7107704
C13-234678 HexaCDF **	%	89						7107704
C13-23478 PentaCDF **	%	143						7107704
C13-2378 TetraCDD *	%	79						7107704
C13-2378 TetraCDF **	%	84						7107704
C13-OCDD *	%	76						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0937	0.0937	0.987	1.00	0.0937		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.130	0.130	4.93	1.00	0.130		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.93	0.100	0.0101		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.93	0.100	0.0102		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.107	0.107	4.93	0.100	0.0107		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0959	0.0959	4.93	0.0100	0.000959		7107704
Octa CDD *	pg/g	<0.141	0.141	9.87	0.000300	0.0000423		7107704
Total Tetra CDD *	pg/g	<0.0937	0.0937	0.987			0	7107704
Total Penta CDD *	pg/g	<0.130	0.130	4.93			0	7107704
Total Hexa CDD *	pg/g	<0.105	0.105	4.93			0	7107704
Total Hepta CDD *	pg/g	<0.0959	0.0959	4.93			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.110	0.110	0.987	0.100	0.0110		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.111	0.111	4.93	0.0300	0.00333		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.101	0.101	4.93	0.300	0.0303		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0879	0.0879	4.93	0.100	0.00879		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0902	0.0902	4.93	0.100	0.00902		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0852	0.0852	4.93	0.100	0.00852		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0910	0.0910	4.93	0.100	0.00910		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.131	0.131	4.93	0.0100	0.00131		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.127	0.127	4.93	0.0100	0.00127		7107704
Octa CDF **	pg/g	<0.100	0.100	9.87	0.000300	0.0000300		7107704
Total Tetra CDF **	pg/g	<0.110	0.110	0.987			0	7107704
Total Penta CDF **	pg/g	<0.106	0.106	4.93			0	7107704
Total Hexa CDF **	pg/g	<0.0885	0.0885	4.93			0	7107704
Total Hepta CDF **	pg/g	<0.129	0.129	4.93			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.338		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99						7107704
C13-1234678 HeptaCDD *	%	94						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ822						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	101						7107704
C13-123478 HexaCDD *	%	97						7107704
C13-123478 HexaCDF **	%	104						7107704
C13-1234789 HeptaCDF **	%	88						7107704
C13-123678 HexaCDD *	%	102						7107704
C13-123678 HexaCDF **	%	100						7107704
C13-12378 PentaCDD *	%	107						7107704
C13-12378 PentaCDF **	%	89						7107704
C13-123789 HexaCDF **	%	116						7107704
C13-234678 HexaCDF **	%	106						7107704
C13-23478 PentaCDF **	%	114						7107704
C13-2378 TetraCDD *	%	91						7107704
C13-2378 TetraCDF **	%	101						7107704
C13-OCDD *	%	65						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.137	0.137	0.985	1.00	0.137		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.93	1.00	0.110		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.93	0.100	0.0111		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.93	0.100	0.0111		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.93	0.100	0.0118		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.103	0.103	4.93	0.0100	0.00103		7107704
Octa CDD *	pg/g	<0.158	0.158	9.85	0.000300	0.0000474		7107704
Total Tetra CDD *	pg/g	<0.137	0.137	0.985			0	7107704
Total Penta CDD *	pg/g	<0.110	0.110	4.93			0	7107704
Total Hexa CDD *	pg/g	<0.115	0.115	4.93			0	7107704
Total Hepta CDD *	pg/g	<0.103	0.103	4.93			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.126	0.126	0.985	0.100	0.0126		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.119	0.119	4.93	0.0300	0.00357		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.108	0.108	4.93	0.300	0.0324		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.113	0.113	4.93	0.100	0.0113		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.93	0.100	0.0116		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.93	0.100	0.0110		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.117	0.117	4.93	0.100	0.0117		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.93	0.0100	0.00104		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.93	0.0100	0.00101		7107704
Octa CDF **	pg/g	<0.178	0.178	9.85	0.000300	0.0000534		7107704
Total Tetra CDF **	pg/g	<0.126	0.126	0.985			0	7107704
Total Penta CDF **	pg/g	<0.113	0.113	4.93			0	7107704
Total Hexa CDF **	pg/g	<0.114	0.114	4.93			0	7107704
Total Hepta CDF **	pg/g	<0.102	0.102	4.93			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.378		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	96						7107704
C13-1234678 HeptaCDD *	%	85						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ827						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	91						7107704
C13-123478 HexaCDD *	%	85						7107704
C13-123478 HexaCDF **	%	92						7107704
C13-1234789 HeptaCDF **	%	80						7107704
C13-123678 HexaCDD *	%	89						7107704
C13-123678 HexaCDF **	%	86						7107704
C13-12378 PentaCDD *	%	79						7107704
C13-12378 PentaCDF **	%	72						7107704
C13-123789 HexaCDF **	%	103						7107704
C13-234678 HexaCDF **	%	93						7107704
C13-23478 PentaCDF **	%	84						7107704
C13-2378 TetraCDD *	%	85						7107704
C13-2378 TetraCDF **	%	95						7107704
C13-OCDD *	%	57						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0892	0.0892	0.998	1.00	0.0892		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.0984	0.0984	4.99	1.00	0.0984		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.101	0.101	4.99	0.100	0.0101		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.102	0.102	4.99	0.100	0.0102		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.108	0.108	4.99	0.100	0.0108		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.127	0.127	4.99	0.0100	0.00127		7107704
Octa CDD *	pg/g	<0.123	0.123	9.98	0.000300	0.0000369		7107704
Total Tetra CDD *	pg/g	<0.0892	0.0892	0.998			0	7107704
Total Penta CDD *	pg/g	<0.0984	0.0984	4.99			0	7107704
Total Hexa CDD *	pg/g	<0.105	0.105	4.99			0	7107704
Total Hepta CDD *	pg/g	<0.127	0.127	4.99			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.135	0.135	0.998	0.100	0.0135		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.116	0.116	4.99	0.0300	0.00348		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.300	0.0318		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.101	0.101	4.99	0.0100	0.00101		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0981	0.0981	4.99	0.0100	0.000981		7107704
Octa CDF **	pg/g	<0.123	0.123	9.98	0.000300	0.0000369		7107704
Total Tetra CDF **	pg/g	<0.135	0.135	0.998			0	7107704
Total Penta CDF **	pg/g	<0.111	0.111	4.99			0	7107704
Total Hexa CDF **	pg/g	<0.112	0.112	4.99			0	7107704
Total Hepta CDF **	pg/g	<0.0997	0.0997	4.99			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.316		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7107704
C13-1234678 HeptaCDD *	%	92						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ834						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	99						7107704
C13-123478 HexaCDD *	%	89						7107704
C13-123478 HexaCDF **	%	98						7107704
C13-1234789 HeptaCDF **	%	89						7107704
C13-123678 HexaCDD *	%	107						7107704
C13-123678 HexaCDF **	%	98						7107704
C13-12378 PentaCDD *	%	99						7107704
C13-12378 PentaCDF **	%	84						7107704
C13-123789 HexaCDF **	%	114						7107704
C13-234678 HexaCDF **	%	101						7107704
C13-23478 PentaCDF **	%	100						7107704
C13-2378 TetraCDD *	%	88						7107704
C13-2378 TetraCDF **	%	99						7107704
C13-OCDD *	%	63						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.130	0.130	0.984	1.00	0.130		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.121	0.121	4.92	1.00	0.121		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.126	0.126	4.92	0.100	0.0126		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.126	0.126	4.92	0.100	0.0126		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.134	0.134	4.92	0.100	0.0134		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.134	0.134	4.92	0.0100	0.00134		7107704
Octa CDD *	pg/g	0.278	0.204	9.84	0.000300	0.0000834		7107704
Total Tetra CDD *	pg/g	<0.130	0.130	0.984			0	7107704
Total Penta CDD *	pg/g	<0.121	0.121	4.92			0	7107704
Total Hexa CDD *	pg/g	<0.258 (1)	0.258	4.92			0	7107704
Total Hepta CDD *	pg/g	<0.134	0.134	4.92			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.120	0.120	0.984	0.100	0.0120		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.0923	0.0923	4.92	0.0300	0.00277		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0844	0.0844	4.92	0.300	0.0253		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.92	0.100	0.0129		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.92	0.100	0.0133		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.125	0.125	4.92	0.100	0.0125		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.134	0.134	4.92	0.100	0.0134		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.145	0.145	4.92	0.0100	0.00145		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.140	0.140	4.92	0.0100	0.00140		7107704
Octa CDF **	pg/g	<0.137	0.137	9.84	0.000300	0.0000411		7107704
Total Tetra CDF **	pg/g	<0.120	0.120	0.984			0	7107704
Total Penta CDF **	pg/g	<0.0882	0.0882	4.92			0	7107704
Total Hexa CDF **	pg/g	<0.130	0.130	4.92			0	7107704
Total Hepta CDF **	pg/g	<0.142	0.142	4.92			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.386		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	86						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ850						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	67						7107704
C13-1234678 HeptaCDF **	%	90						7107704
C13-123478 HexaCDD *	%	84						7107704
C13-123478 HexaCDF **	%	97						7107704
C13-1234789 HeptaCDF **	%	81						7107704
C13-123678 HexaCDD *	%	87						7107704
C13-123678 HexaCDF **	%	96						7107704
C13-12378 PentaCDD *	%	78						7107704
C13-12378 PentaCDF **	%	86						7107704
C13-123789 HexaCDF **	%	103						7107704
C13-234678 HexaCDF **	%	82						7107704
C13-23478 PentaCDF **	%	101						7107704
C13-2378 TetraCDD *	%	78						7107704
C13-2378 TetraCDF **	%	101						7107704
C13-OCDD *	%	43						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.123	0.123	0.985	1.00	0.123		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.122	0.122	4.92	1.00	0.122		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.127	0.127	4.92	0.100	0.0127		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.128	0.128	4.92	0.100	0.0128		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.135	0.135	4.92	0.100	0.0135		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.137	0.137	4.92	0.0100	0.00137		7107704
Octa CDD *	pg/g	<0.213	0.213	9.85	0.000300	0.0000639		7107704
Total Tetra CDD *	pg/g	<0.123	0.123	0.985			0	7107704
Total Penta CDD *	pg/g	<0.122	0.122	4.92			0	7107704
Total Hexa CDD *	pg/g	<0.193 (1)	0.193	4.92			0	7107704
Total Hepta CDD *	pg/g	<0.137	0.137	4.92			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.120	0.120	0.985	0.100	0.0120		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.132	0.132	4.92	0.0300	0.00396		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.121	0.121	4.92	0.300	0.0363		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0844	0.0844	4.92	0.100	0.00844		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0866	0.0866	4.92	0.100	0.00866		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0818	0.0818	4.92	0.100	0.00818		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0874	0.0874	4.92	0.100	0.00874		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.124	0.124	4.92	0.0100	0.00124		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.120	0.120	4.92	0.0100	0.00120		7107704
Octa CDF **	pg/g	<0.237	0.237	9.85	0.000300	0.0000711		7107704
Total Tetra CDF **	pg/g	<0.120	0.120	0.985			0	7107704
Total Penta CDF **	pg/g	<0.126	0.126	4.92			0	7107704
Total Hexa CDF **	pg/g	<0.0850	0.0850	4.92			0	7107704
Total Hepta CDF **	pg/g	<0.122	0.122	4.92			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.374		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ860						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	67						7107704
C13-1234678 HeptaCDF **	%	89						7107704
C13-123478 HexaCDD *	%	84						7107704
C13-123478 HexaCDF **	%	104						7107704
C13-1234789 HeptaCDF **	%	79						7107704
C13-123678 HexaCDD *	%	85						7107704
C13-123678 HexaCDF **	%	101						7107704
C13-12378 PentaCDD *	%	83						7107704
C13-12378 PentaCDF **	%	88						7107704
C13-123789 HexaCDF **	%	110						7107704
C13-234678 HexaCDF **	%	99						7107704
C13-23478 PentaCDF **	%	104						7107704
C13-2378 TetraCDD *	%	84						7107704
C13-2378 TetraCDF **	%	102						7107704
C13-OCDD *	%	42						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.132	0.132	0.980	1.00	0.132		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.126	0.126	4.90	1.00	0.126		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.132	0.132	4.90	0.100	0.0132		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.133	0.133	4.90	0.100	0.0133		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.141	0.141	4.90	0.100	0.0141		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.136	0.136	4.90	0.0100	0.00136		7107704
Octa CDD *	pg/g	0.287	0.201	9.80	0.000300	0.0000861		7107704
Total Tetra CDD *	pg/g	<0.132	0.132	0.980			0	7107704
Total Penta CDD *	pg/g	<0.126	0.126	4.90			0	7107704
Total Hexa CDD *	pg/g	<0.213 (1)	0.213	4.90			0	7107704
Total Hepta CDD *	pg/g	<0.136	0.136	4.90			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.113	0.113	0.980	0.100	0.0113		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.0896	0.0896	4.90	0.0300	0.00269		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0819	0.0819	4.90	0.300	0.0246		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.132	0.132	4.90	0.100	0.0132		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.90	0.100	0.0135		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.127	0.127	4.90	0.100	0.0127		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.136	0.136	4.90	0.100	0.0136		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.496 (1)	0.496	4.90	0.0100	0.00496		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0993	0.0993	4.90	0.0100	0.000993		7107704
Octa CDF **	pg/g	0.229	0.164	9.80	0.000300	0.0000687		7107704
Total Tetra CDF **	pg/g	<0.113	0.113	0.980			0	7107704
Total Penta CDF **	pg/g	<0.0856	0.0856	4.90			0	7107704
Total Hexa CDF **	pg/g	0.139	0.132	4.90			1	7107704
Total Hepta CDF **	pg/g	0.435	0.101	4.90			1	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.398		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ863						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	71						7107704
C13-1234678 HeptaCDF **	%	95						7107704
C13-123478 HexaCDD *	%	87						7107704
C13-123478 HexaCDF **	%	107						7107704
C13-1234789 HeptaCDF **	%	82						7107704
C13-123678 HexaCDD *	%	87						7107704
C13-123678 HexaCDF **	%	104						7107704
C13-12378 PentaCDD *	%	80						7107704
C13-12378 PentaCDF **	%	85						7107704
C13-123789 HexaCDF **	%	116						7107704
C13-234678 HexaCDF **	%	105						7107704
C13-23478 PentaCDF **	%	97						7107704
C13-2378 TetraCDD *	%	79						7107704
C13-2378 TetraCDF **	%	99						7107704
C13-OCDD *	%	47						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.180	0.180	0.998	1.00	0.180		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.165	0.165	4.99	1.00	0.165		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.99	0.100	0.0136		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.136	0.136	4.99	0.100	0.0136		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.144	0.144	4.99	0.100	0.0144		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.134	0.134	4.99	0.0100	0.00134		7107704
Octa CDD *	pg/g	<0.212	0.212	9.98	0.000300	0.0000636		7107704
Total Tetra CDD *	pg/g	<0.180	0.180	0.998			0	7107704
Total Penta CDD *	pg/g	<0.165	0.165	4.99			0	7107704
Total Hexa CDD *	pg/g	<0.275 (1)	0.275	4.99			0	7107704
Total Hepta CDD *	pg/g	<0.134	0.134	4.99			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.135	0.135	0.998	0.100	0.0135		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.145	0.145	4.99	0.0300	0.00435		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.133	0.133	4.99	0.300	0.0399		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0903	0.0903	4.99	0.100	0.00903		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0927	0.0927	4.99	0.100	0.00927		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0875	0.0875	4.99	0.100	0.00875		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0935	0.0935	4.99	0.100	0.00935		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0877	0.0877	4.99	0.0100	0.000877		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0848	0.0848	4.99	0.0100	0.000848		7107704
Octa CDF **	pg/g	<0.157	0.157	9.98	0.000300	0.0000471		7107704
Total Tetra CDF **	pg/g	<0.135	0.135	0.998			0	7107704
Total Penta CDF **	pg/g	<0.139	0.139	4.99			0	7107704
Total Hexa CDF **	pg/g	<0.0910	0.0910	4.99			0	7107704
Total Hepta CDF **	pg/g	<0.0862	0.0862	4.99			0	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.484		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ864						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	72						7107704
C13-1234678 HeptaCDF **	%	91						7107704
C13-123478 HexaCDD *	%	82						7107704
C13-123478 HexaCDF **	%	99						7107704
C13-1234789 HeptaCDF **	%	78						7107704
C13-123678 HexaCDD *	%	87						7107704
C13-123678 HexaCDF **	%	99						7107704
C13-12378 PentaCDD *	%	78						7107704
C13-12378 PentaCDF **	%	84						7107704
C13-123789 HexaCDF **	%	105						7107704
C13-234678 HexaCDF **	%	98						7107704
C13-23478 PentaCDF **	%	95						7107704
C13-2378 TetraCDD *	%	75						7107704
C13-2378 TetraCDF **	%	91						7107704
C13-OCDD *	%	44						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0967	0.0967	0.996	1.00	0.0967		7107704
1,2,3,7,8-Penta CDD *	pg/g	<0.135	0.135	4.98	1.00	0.135		7107704
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118		7107704
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.98	0.100	0.0118		7107704
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.125	0.125	4.98	0.100	0.0125		7107704
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.170	0.170	4.98	0.0100	0.00170		7107704
Octa CDD *	pg/g	<0.241 (1)	0.241	9.96	0.000300	0.0000723		7107704
Total Tetra CDD *	pg/g	<0.0967	0.0967	0.996			0	7107704
Total Penta CDD *	pg/g	<0.135	0.135	4.98			0	7107704
Total Hexa CDD *	pg/g	<0.175 (1)	0.175	4.98			0	7107704
Total Hepta CDD *	pg/g	<0.170	0.170	4.98			0	7107704
2,3,7,8-Tetra CDF **	pg/g	<0.109	0.109	0.996	0.100	0.0109		7107704
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.98	0.0300	0.00318		7107704
2,3,4,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.98	0.300	0.0292		7107704
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.98	0.100	0.0133		7107704
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.137	0.137	4.98	0.100	0.0137		7107704
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.129	0.129	4.98	0.100	0.0129		7107704
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.138	0.138	4.98	0.100	0.0138		7107704
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.513	0.124	4.98	0.0100	0.00513		7107704
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.120	0.120	4.98	0.0100	0.00120		7107704
Octa CDF **	pg/g	0.300	0.202	9.96	0.000300	0.0000900		7107704
Total Tetra CDF **	pg/g	<0.109	0.109	0.996			0	7107704
Total Penta CDF **	pg/g	<0.102	0.102	4.98			0	7107704
Total Hexa CDF **	pg/g	<0.134	0.134	4.98			0	7107704
Total Hepta CDF **	pg/g	0.882	0.122	4.98			2	7107704
TOTAL TOXIC EQUIVALENCY	pg/g					0.373		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	101						7107704

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ891						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20VIL-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	85						7107704
C13-1234678 HeptaCDF **	%	123						7107704
C13-123478 HexaCDD *	%	93						7107704
C13-123478 HexaCDF **	%	117						7107704
C13-1234789 HeptaCDF **	%	104						7107704
C13-123678 HexaCDD *	%	96						7107704
C13-123678 HexaCDF **	%	111						7107704
C13-12378 PentaCDD *	%	95						7107704
C13-12378 PentaCDF **	%	110						7107704
C13-123789 HexaCDF **	%	127						7107704
C13-234678 HexaCDF **	%	117						7107704
C13-23478 PentaCDF **	%	130						7107704
C13-2378 TetraCDD *	%	85						7107704
C13-2378 TetraCDF **	%	118						7107704
C13-OCDD *	%	48						7107704

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0654	0.0654	0.998	1.00	0.0654	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	0.106	0.0729	4.99	1.00	0.106	1	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	0.0554	0.0470	4.99	0.100	0.00554	1	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	0.0971	0.0420	4.99	0.100	0.00971	1	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	0.0704	0.0431	4.99	0.100	0.00704	1	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.119	0.0481	4.99	0.0100	0.00119	1	7150649
Octa CDD *	pg/g	0.148	0.0927	9.98	0.000300	0.0000444	1	7150649
Total Tetra CDD *	pg/g	<0.0654	0.0654	0.998			0	7150649
Total Penta CDD *	pg/g	0.106	0.0729	4.99			1	7150649
Total Hexa CDD *	pg/g	0.223	0.0439	4.99			3	7150649
Total Hepta CDD *	pg/g	0.119	0.0481	4.99			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0480 (1)	0.0480	0.998	0.100	0.00480	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	0.101	0.0636	4.99	0.0300	0.00303	1	7150649
2,3,4,7,8-Penta CDF **	pg/g	0.0736	0.0509	4.99	0.300	0.0221	1	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0937	0.0319	4.99	0.100	0.00937	1	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0950 (2)	0.0950	4.99	0.100	0.00950	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	0.0962	0.0323	4.99	0.100	0.00962	1	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	0.0684	0.0342	4.99	0.100	0.00684	1	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0782	0.0241	4.99	0.0100	0.000782	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.0940	0.0297	4.99	0.0100	0.000940	1	7150649
Octa CDF **	pg/g	0.172	0.0707	9.98	0.000300	0.0000516	1	7150649
Total Tetra CDF **	pg/g	<0.0470	0.0470	0.998			0	7150649
Total Penta CDF **	pg/g	0.174	0.0567	4.99			2	7150649
Total Hexa CDF **	pg/g	0.258	0.0326	4.99			3	7150649
Total Hepta CDF **	pg/g	0.172	0.0266	4.99			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.262		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ897						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	75						7150649
C13-1234678 HeptaCDD *	%	90						7150649
C13-1234678 HeptaCDF **	%	93						7150649
C13-123478 HexaCDD *	%	90						7150649
C13-123478 HexaCDF **	%	91						7150649
C13-1234789 HeptaCDF **	%	90						7150649
C13-123678 HexaCDD *	%	99						7150649
C13-123678 HexaCDF **	%	87						7150649
C13-12378 PentaCDD *	%	94						7150649
C13-12378 PentaCDF **	%	77						7150649
C13-123789 HexaCDF **	%	92						7150649
C13-234678 HexaCDF **	%	89						7150649
C13-23478 PentaCDF **	%	88						7150649
C13-2378 TetraCDD *	%	82						7150649
C13-2378 TetraCDF **	%	78						7150649
C13-OCDD *	%	89						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0918	0.0918	1.00	1.00	0.0918	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0899	0.0899	5.00	1.00	0.0899	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0683	0.0683	5.00	0.100	0.00683	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0508	0.0508	5.00	0.100	0.00508	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0650	0.0650	5.00	0.100	0.00650	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	5.00	0.0100	0.00106	0	7150649
Octa CDD *	pg/g	<0.115 (1)	0.115	10.0	0.000300	0.0000345	0	7150649
Total Tetra CDD *	pg/g	<0.0918	0.0918	1.00			0	7150649
Total Penta CDD *	pg/g	<0.0899	0.0899	5.00			0	7150649
Total Hexa CDD *	pg/g	<0.0576	0.0576	5.00			0	7150649
Total Hepta CDD *	pg/g	<0.105	0.105	5.00			0	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0482 (2)	0.0482	1.00	0.100	0.00482	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0810	0.0810	5.00	0.0300	0.00243	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0645	0.0645	5.00	0.300	0.0194	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0550	0.0550	5.00	0.100	0.00550	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0503	0.0503	5.00	0.100	0.00503	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0540	0.0540	5.00	0.100	0.00540	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0532	0.0532	5.00	0.100	0.00532	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0555	0.0436	5.00	0.0100	0.000555	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0529	0.0529	5.00	0.0100	0.000529	0	7150649
Octa CDF **	pg/g	<0.0770	0.0770	10.0	0.000300	0.0000231	0	7150649
Total Tetra CDF **	pg/g	<0.0482	0.0482	1.00			0	7150649
Total Penta CDF **	pg/g	<0.0717	0.0717	5.00			0	7150649
Total Hexa CDF **	pg/g	<0.0570	0.0570	5.00			0	7150649
Total Hepta CDF **	pg/g	0.0555	0.0477	5.00			1	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.250		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	79						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ900						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	91						7150649
C13-1234678 HeptaCDF **	%	94						7150649
C13-123478 HexaCDD *	%	84						7150649
C13-123478 HexaCDF **	%	87						7150649
C13-1234789 HeptaCDF **	%	92						7150649
C13-123678 HexaCDD *	%	105						7150649
C13-123678 HexaCDF **	%	89						7150649
C13-12378 PentaCDD *	%	92						7150649
C13-12378 PentaCDF **	%	77						7150649
C13-123789 HexaCDF **	%	95						7150649
C13-234678 HexaCDF **	%	93						7150649
C13-23478 PentaCDF **	%	84						7150649
C13-2378 TetraCDD *	%	80						7150649
C13-2378 TetraCDF **	%	83						7150649
C13-OCDD *	%	83						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0732	0.0732	0.999	1.00	0.0732	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0812	0.0812	5.00	1.00	0.0812	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0760	0.0760	5.00	0.100	0.00760	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0643	0.0643	5.00	0.100	0.00643	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0673	0.0673	5.00	0.100	0.00673	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0850 (1)	0.0850	5.00	0.0100	0.000850	0	7150649
Octa CDD *	pg/g	<0.0932	0.0932	9.99	0.000300	0.0000280	0	7150649
Total Tetra CDD *	pg/g	<0.0732	0.0732	0.999			0	7150649
Total Penta CDD *	pg/g	<0.0812	0.0812	5.00			0	7150649
Total Hexa CDD *	pg/g	<0.0689	0.0689	5.00			0	7150649
Total Hepta CDD *	pg/g	0.120	0.0552	5.00			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0422	0.0422	0.999	0.100	0.00422	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0665 (1)	0.0665	5.00	0.0300	0.00200	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0532	0.0532	5.00	0.300	0.0160	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0438	0.0438	5.00	0.100	0.00438	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0432	0.0432	5.00	0.100	0.00432	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0405	0.0405	5.00	0.100	0.00405	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0428	0.0428	5.00	0.100	0.00428	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0474	0.0346	5.00	0.0100	0.000474	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0410	0.0410	5.00	0.0100	0.000410	0	7150649
Octa CDF **	pg/g	<0.0566	0.0566	9.99	0.000300	0.0000170	0	7150649
Total Tetra CDF **	pg/g	<0.0422	0.0422	0.999			0	7150649
Total Penta CDF **	pg/g	<0.0593	0.0593	5.00			0	7150649
Total Hexa CDF **	pg/g	<0.0425	0.0425	5.00			0	7150649
Total Hepta CDF **	pg/g	0.0474	0.0375	5.00			1	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.216		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ903						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	101						7150649
C13-1234678 HeptaCDF **	%	105						7150649
C13-123478 HexaCDD *	%	101						7150649
C13-123478 HexaCDF **	%	100						7150649
C13-1234789 HeptaCDF **	%	105						7150649
C13-123678 HexaCDD *	%	110						7150649
C13-123678 HexaCDF **	%	95						7150649
C13-12378 PentaCDD *	%	105						7150649
C13-12378 PentaCDF **	%	88						7150649
C13-123789 HexaCDF **	%	109						7150649
C13-234678 HexaCDF **	%	104						7150649
C13-23478 PentaCDF **	%	96						7150649
C13-2378 TetraCDD *	%	88						7150649
C13-2378 TetraCDF **	%	92						7150649
C13-OCDD *	%	93						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0617	0.0617	0.999	1.00	0.0617	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0731	0.0731	4.99	1.00	0.0731	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0511	0.0511	4.99	0.100	0.00511	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0492	0.0492	4.99	0.100	0.00492	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0486	0.0486	4.99	0.100	0.00486	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.0634	0.0401	4.99	0.0100	0.000634	1	7150649
Octa CDD *	pg/g	<0.0745	0.0745	9.99	0.000300	0.0000224	0	7150649
Total Tetra CDD *	pg/g	<0.0617	0.0617	0.999			0	7150649
Total Penta CDD *	pg/g	<0.0731	0.0731	4.99			0	7150649
Total Hexa CDD *	pg/g	<0.0710	0.0710	4.99			0	7150649
Total Hepta CDD *	pg/g	0.0634	0.0401	4.99			1	7150649
2,3,7,8-Tetra CDF **	pg/g	0.0656	0.0400	0.999	0.100	0.00656	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0671	0.0671	4.99	0.0300	0.00201	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0521	0.0521	4.99	0.300	0.0156	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0348	0.0348	4.99	0.100	0.00348	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0343	0.0343	4.99	0.100	0.00343	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0336	0.0336	4.99	0.100	0.00336	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0352	0.0352	4.99	0.100	0.00352	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0349	0.0290	4.99	0.0100	0.000349	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0357	0.0357	4.99	0.0100	0.000357	0	7150649
Octa CDF **	pg/g	<0.0555	0.0555	9.99	0.000300	0.0000167	0	7150649
Total Tetra CDF **	pg/g	0.115	0.0400	0.999			2	7150649
Total Penta CDF **	pg/g	<0.0588	0.0588	4.99			0	7150649
Total Hexa CDF **	pg/g	<0.0345	0.0345	4.99			0	7150649
Total Hepta CDF **	pg/g	0.0349	0.0320	4.99			1	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.189		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7150649
C13-1234678 HeptaCDD *	%	104						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ908						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	107						7150649
C13-123478 HexaCDD *	%	106						7150649
C13-123478 HexaCDF **	%	100						7150649
C13-1234789 HeptaCDF **	%	104						7150649
C13-123678 HexaCDD *	%	109						7150649
C13-123678 HexaCDF **	%	97						7150649
C13-12378 PentaCDD *	%	113						7150649
C13-12378 PentaCDF **	%	91						7150649
C13-123789 HexaCDF **	%	107						7150649
C13-234678 HexaCDF **	%	102						7150649
C13-23478 PentaCDF **	%	107						7150649
C13-2378 TetraCDD *	%	91						7150649
C13-2378 TetraCDF **	%	88						7150649
C13-OCDD *	%	105						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.107	0.107	0.999	1.00	0.107	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.107	0.107	5.00	1.00	0.107	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0769	0.0769	5.00	0.100	0.00769	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0556	0.0556	5.00	0.100	0.00556	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0624	0.0624	5.00	0.100	0.00624	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0860 (1)	0.0860	5.00	0.0100	0.000860	0	7150649
Octa CDD *	pg/g	<0.100	0.100	9.99	0.000300	0.0000300	0	7150649
Total Tetra CDD *	pg/g	<0.107	0.107	0.999			0	7150649
Total Penta CDD *	pg/g	<0.107	0.107	5.00			0	7150649
Total Hexa CDD *	pg/g	<0.0638	0.0638	5.00			0	7150649
Total Hepta CDD *	pg/g	<0.0850	0.0850	5.00			0	7150649
2,3,7,8-Tetra CDF **	pg/g	0.0987	0.0532	0.999	0.100	0.00987	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0825	0.0825	5.00	0.0300	0.00248	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0635	0.0635	5.00	0.300	0.0191	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0474	0.0474	5.00	0.100	0.00474	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0478	0.0478	5.00	0.100	0.00478	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0441	0.0441	5.00	0.100	0.00441	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0520	0.0520	5.00	0.100	0.00520	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0510	0.0510	5.00	0.0100	0.000510	0	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0475	0.0475	5.00	0.0100	0.000475	0	7150649
Octa CDF **	pg/g	0.0868	0.0715	9.99	0.000300	0.0000260	1	7150649
Total Tetra CDF **	pg/g	0.0987	0.0532	0.999			1	7150649
Total Penta CDF **	pg/g	<0.0720	0.0720	5.00			0	7150649
Total Hexa CDF **	pg/g	<0.0510	0.0510	5.00			0	7150649
Total Hepta CDF **	pg/g	<0.0432	0.0432	5.00			0	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.286		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ909						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	97						7150649
C13-1234678 HeptaCDF **	%	102						7150649
C13-123478 HexaCDD *	%	91						7150649
C13-123478 HexaCDF **	%	100						7150649
C13-1234789 HeptaCDF **	%	101						7150649
C13-123678 HexaCDD *	%	117						7150649
C13-123678 HexaCDF **	%	93						7150649
C13-12378 PentaCDD *	%	99						7150649
C13-12378 PentaCDF **	%	83						7150649
C13-123789 HexaCDF **	%	106						7150649
C13-234678 HexaCDF **	%	104						7150649
C13-23478 PentaCDF **	%	94						7150649
C13-2378 TetraCDD *	%	87						7150649
C13-2378 TetraCDF **	%	90						7150649
C13-OCDD *	%	87						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0878	0.0878	0.997	1.00	0.0878	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0802	0.0802	4.98	1.00	0.0802	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0562 (1)	0.0562	4.98	0.100	0.00562	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0494	0.0494	4.98	0.100	0.00494	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0511	0.0511	4.98	0.100	0.00511	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118 (1)	0.118	4.98	0.0100	0.00118	0	7150649
Octa CDD *	pg/g	0.138	0.0738	9.97	0.000300	0.0000414	1	7150649
Total Tetra CDD *	pg/g	<0.0878	0.0878	0.997			0	7150649
Total Penta CDD *	pg/g	<0.0802	0.0802	4.98			0	7150649
Total Hexa CDD *	pg/g	0.0594	0.0521	4.98			1	7150649
Total Hepta CDD *	pg/g	<0.117	0.117	4.98			0	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0409 (2)	0.0409	0.997	0.100	0.00409	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0742 (1)	0.0742	4.98	0.0300	0.00223	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0586	0.0586	4.98	0.300	0.0176	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0490	0.0490	4.98	0.100	0.00490	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0443	0.0443	4.98	0.100	0.00443	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0460	0.0460	4.98	0.100	0.00460	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0456	0.0456	4.98	0.100	0.00456	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	1.12	0.0301	4.98	0.0100	0.0112	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0367	0.0367	4.98	0.0100	0.000367	0	7150649
Octa CDF **	pg/g	0.359	0.0746	9.97	0.000300	0.000108	1	7150649
Total Tetra CDF **	pg/g	<0.0409	0.0409	0.997			0	7150649
Total Penta CDF **	pg/g	<0.0657	0.0657	4.98			0	7150649
Total Hexa CDF **	pg/g	0.371	0.0439	4.98			2	7150649
Total Hepta CDF **	pg/g	1.74	0.0331	4.98			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.239		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ910						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	90						7150649
C13-1234678 HeptaCDF **	%	94						7150649
C13-123478 HexaCDD *	%	90						7150649
C13-123478 HexaCDF **	%	91						7150649
C13-1234789 HeptaCDF **	%	92						7150649
C13-123678 HexaCDD *	%	101						7150649
C13-123678 HexaCDF **	%	85						7150649
C13-12378 PentaCDD *	%	104						7150649
C13-12378 PentaCDF **	%	84						7150649
C13-123789 HexaCDF **	%	94						7150649
C13-234678 HexaCDF **	%	92						7150649
C13-23478 PentaCDF **	%	98						7150649
C13-2378 TetraCDD *	%	79						7150649
C13-2378 TetraCDF **	%	84						7150649
C13-OCDD *	%	91						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.113	0.113	0.996	1.00	0.113	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.112	0.112	4.98	1.00	0.112	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0861	0.0861	4.98	0.100	0.00861	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0748	0.0748	4.98	0.100	0.00748	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0773	0.0773	4.98	0.100	0.00773	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.116	0.0559	4.98	0.0100	0.00116	1	7150649
Octa CDD *	pg/g	<0.0864	0.0864	9.96	0.000300	0.0000259	0	7150649
Total Tetra CDD *	pg/g	<0.113	0.113	0.996			0	7150649
Total Penta CDD *	pg/g	<0.112	0.112	4.98			0	7150649
Total Hexa CDD *	pg/g	<0.0791	0.0791	4.98			0	7150649
Total Hepta CDD *	pg/g	0.116	0.0559	4.98			1	7150649
2,3,7,8-Tetra CDF **	pg/g	0.106	0.0493	0.996	0.100	0.0106	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0812	0.0812	4.98	0.0300	0.00244	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0644	0.0644	4.98	0.300	0.0193	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0583	0.0583	4.98	0.100	0.00583	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0583	0.0583	4.98	0.100	0.00583	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0540	0.0540	4.98	0.100	0.00540	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0575	0.0575	4.98	0.100	0.00575	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0520 (1)	0.0520	4.98	0.0100	0.000520	0	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0401	0.0401	4.98	0.0100	0.000401	0	7150649
Octa CDF **	pg/g	<0.0810	0.0810	9.96	0.000300	0.0000243	0	7150649
Total Tetra CDF **	pg/g	0.106	0.0493	0.996			1	7150649
Total Penta CDF **	pg/g	<0.0721	0.0721	4.98			0	7150649
Total Hexa CDF **	pg/g	<0.0569	0.0569	4.98			0	7150649
Total Hepta CDF **	pg/g	<0.0367	0.0367	4.98			0	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.306		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	83						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ912						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	89						7150649
C13-1234678 HeptaCDF **	%	91						7150649
C13-123478 HexaCDD *	%	89						7150649
C13-123478 HexaCDF **	%	88						7150649
C13-1234789 HeptaCDF **	%	91						7150649
C13-123678 HexaCDD *	%	95						7150649
C13-123678 HexaCDF **	%	83						7150649
C13-12378 PentaCDD *	%	94						7150649
C13-12378 PentaCDF **	%	78						7150649
C13-123789 HexaCDF **	%	95						7150649
C13-234678 HexaCDF **	%	92						7150649
C13-23478 PentaCDF **	%	86						7150649
C13-2378 TetraCDD *	%	80						7150649
C13-2378 TetraCDF **	%	84						7150649
C13-OCDD *	%	81						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0752	0.0752	0.999	1.00	0.0752	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0882	0.0882	4.99	1.00	0.0882	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0451	0.0451	4.99	0.100	0.00451	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0392	0.0392	4.99	0.100	0.00392	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0407	0.0407	4.99	0.100	0.00407	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0424	0.0424	4.99	0.0100	0.000424	0	7150649
Octa CDD *	pg/g	<0.0647 (1)	0.0647	9.99	0.000300	0.0000194	0	7150649
Total Tetra CDD *	pg/g	<0.0752	0.0752	0.999			0	7150649
Total Penta CDD *	pg/g	<0.0882	0.0882	4.99			0	7150649
Total Hexa CDD *	pg/g	<0.0570	0.0570	4.99			0	7150649
Total Hepta CDD *	pg/g	<0.0520	0.0520	4.99			0	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0419	0.0419	0.999	0.100	0.00419	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0590	0.0590	4.99	0.0300	0.00177	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0442	0.0442	4.99	0.300	0.0133	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0410	0.0410	4.99	0.100	0.00410	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0380	0.0380	4.99	0.100	0.00380	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0359	0.0359	4.99	0.100	0.00359	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0378	0.0378	4.99	0.100	0.00378	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0422	0.0226	4.99	0.0100	0.000422	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0274	0.0274	4.99	0.0100	0.000274	0	7150649
Octa CDF **	pg/g	<0.0618	0.0618	9.99	0.000300	0.0000185	0	7150649
Total Tetra CDF **	pg/g	<0.0419	0.0419	0.999			0	7150649
Total Penta CDF **	pg/g	<0.0498	0.0498	4.99			0	7150649
Total Hexa CDF **	pg/g	<0.0373	0.0373	4.99			0	7150649
Total Hepta CDF **	pg/g	0.0422	0.0248	4.99			1	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.212		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	76						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NPZ951						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	98						7150649
C13-1234678 HeptaCDF **	%	101						7150649
C13-123478 HexaCDD *	%	95						7150649
C13-123478 HexaCDF **	%	93						7150649
C13-1234789 HeptaCDF **	%	99						7150649
C13-123678 HexaCDD *	%	108						7150649
C13-123678 HexaCDF **	%	88						7150649
C13-12378 PentaCDD *	%	105						7150649
C13-12378 PentaCDF **	%	87						7150649
C13-123789 HexaCDF **	%	101						7150649
C13-234678 HexaCDF **	%	96						7150649
C13-23478 PentaCDF **	%	101						7150649
C13-2378 TetraCDD *	%	84						7150649
C13-2378 TetraCDF **	%	84						7150649
C13-OCDD *	%	98						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0642	0.0642	0.995	1.00	0.0642	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0705	0.0705	4.97	1.00	0.0705	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0551	0.0551	4.97	0.100	0.00551	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0499	0.0499	4.97	0.100	0.00499	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0508	0.0508	4.97	0.100	0.00508	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.0842	0.0420	4.97	0.0100	0.000842	1	7150649
Octa CDD *	pg/g	<0.0750	0.0750	9.95	0.000300	0.0000225	0	7150649
Total Tetra CDD *	pg/g	<0.0642	0.0642	0.995			0	7150649
Total Penta CDD *	pg/g	<0.0705	0.0705	4.97			0	7150649
Total Hexa CDD *	pg/g	<0.0518	0.0518	4.97			0	7150649
Total Hepta CDD *	pg/g	0.0842	0.0420	4.97			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0391	0.0391	0.995	0.100	0.00391	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	0.0629	0.0555	4.97	0.0300	0.00189	1	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0440	0.0440	4.97	0.300	0.0132	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0416	0.0341	4.97	0.100	0.00416	1	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0349	0.0349	4.97	0.100	0.00349	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0344	0.0344	4.97	0.100	0.00344	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0410	0.0410	4.97	0.100	0.00410	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0528	0.0231	4.97	0.0100	0.000528	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0390	0.0390	4.97	0.0100	0.000390	0	7150649
Octa CDF **	pg/g	0.0875	0.0524	9.95	0.000300	0.0000263	1	7150649
Total Tetra CDF **	pg/g	<0.0391	0.0391	0.995			0	7150649
Total Penta CDF **	pg/g	0.0629	0.0493	4.97			1	7150649
Total Hexa CDF **	pg/g	0.0416	0.0347	4.97			1	7150649
Total Hepta CDF **	pg/g	0.0915	0.0258	4.97			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.186		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	76						7150649
C13-1234678 HeptaCDD *	%	96						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA008						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	99						7150649
C13-123478 HexaCDD *	%	98						7150649
C13-123478 HexaCDF **	%	96						7150649
C13-1234789 HeptaCDF **	%	94						7150649
C13-123678 HexaCDD *	%	107						7150649
C13-123678 HexaCDF **	%	89						7150649
C13-12378 PentaCDD *	%	111						7150649
C13-12378 PentaCDF **	%	89						7150649
C13-123789 HexaCDF **	%	100						7150649
C13-234678 HexaCDF **	%	94						7150649
C13-23478 PentaCDF **	%	102						7150649
C13-2378 TetraCDD *	%	82						7150649
C13-2378 TetraCDF **	%	85						7150649
C13-OCDD *	%	95						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0554	0.0554	0.996	1.00	0.0554	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0737	0.0737	4.98	1.00	0.0737	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0433	0.0433	4.98	0.100	0.00433	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	0.0559	0.0403	4.98	0.100	0.00559	1	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0405 (1)	0.0405	4.98	0.100	0.00405	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.106	0.0410	4.98	0.0100	0.00106	1	7150649
Octa CDD *	pg/g	0.184	0.0738	9.96	0.000300	0.0000552	1	7150649
Total Tetra CDD *	pg/g	<0.0554	0.0554	0.996			0	7150649
Total Penta CDD *	pg/g	<0.0737	0.0737	4.98			0	7150649
Total Hexa CDD *	pg/g	0.0559	0.0413	4.98			1	7150649
Total Hepta CDD *	pg/g	0.150	0.0410	4.98			2	7150649
2,3,7,8-Tetra CDF **	pg/g	0.0814	0.0313	0.996	0.100	0.00814	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0650	0.0650	4.98	0.0300	0.00195	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	0.0389	0.0366	4.98	0.300	0.0117	1	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0350	0.0350	4.98	0.100	0.00350	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0300	0.0300	4.98	0.100	0.00300	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	0.0401	0.0309	4.98	0.100	0.00401	1	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0340	0.0340	4.98	0.100	0.00340	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.131 (1)	0.131	4.98	0.0100	0.00131	0	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0350	0.0350	4.98	0.0100	0.000350	0	7150649
Octa CDF **	pg/g	0.0928	0.0575	9.96	0.000300	0.0000278	1	7150649
Total Tetra CDF **	pg/g	0.0814	0.0313	0.996			1	7150649
Total Penta CDF **	pg/g	<0.0406	0.0406	4.98			1	7150649
Total Hexa CDF **	pg/g	0.0741	0.0304	4.98			2	7150649
Total Hepta CDF **	pg/g	<0.147	0.147	4.98			0	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.182		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA036						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	95						7150649
C13-1234678 HeptaCDF **	%	98						7150649
C13-123478 HexaCDD *	%	101						7150649
C13-123478 HexaCDF **	%	102						7150649
C13-1234789 HeptaCDF **	%	93						7150649
C13-123678 HexaCDD *	%	108						7150649
C13-123678 HexaCDF **	%	94						7150649
C13-12378 PentaCDD *	%	115						7150649
C13-12378 PentaCDF **	%	96						7150649
C13-123789 HexaCDF **	%	99						7150649
C13-234678 HexaCDF **	%	94						7150649
C13-23478 PentaCDF **	%	108						7150649
C13-2378 TetraCDD *	%	92						7150649
C13-2378 TetraCDF **	%	92						7150649
C13-OCDD *	%	90						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0722	0.0722	0.994	1.00	0.0722	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0868	0.0868	4.97	1.00	0.0868	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0557	0.0557	4.97	0.100	0.00557	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0540	0.0540	4.97	0.100	0.00540	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0511	0.0511	4.97	0.100	0.00511	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0890 (1)	0.0890	4.97	0.0100	0.000890	0	7150649
Octa CDD *	pg/g	0.128	0.0787	9.94	0.000300	0.0000384	1	7150649
Total Tetra CDD *	pg/g	<0.0722	0.0722	0.994			0	7150649
Total Penta CDD *	pg/g	<0.0868	0.0868	4.97			0	7150649
Total Hexa CDD *	pg/g	<0.0521	0.0521	4.97			0	7150649
Total Hepta CDD *	pg/g	<0.0890	0.0890	4.97			0	7150649
2,3,7,8-Tetra CDF **	pg/g	0.121	0.0364	0.994	0.100	0.0121	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0552	0.0552	4.97	0.0300	0.00166	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	0.0441	0.0436	4.97	0.300	0.0132	1	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0549	0.0359	4.97	0.100	0.00549	1	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0400	0.0400	4.97	0.100	0.00400	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0450	0.0450	4.97	0.100	0.00450	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	0.0579	0.0378	4.97	0.100	0.00579	1	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.289	0.0319	4.97	0.0100	0.00289	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0400 (1)	0.0400	4.97	0.0100	0.000400	0	7150649
Octa CDF **	pg/g	0.163	0.0828	9.94	0.000300	0.0000489	1	7150649
Total Tetra CDF **	pg/g	0.191	0.0364	0.994			2	7150649
Total Penta CDF **	pg/g	<0.0489	0.0489	4.97			1	7150649
Total Hexa CDF **	pg/g	0.249	0.0365	4.97			4	7150649
Total Hepta CDF **	pg/g	0.468	0.0354	4.97			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.226		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	77						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA062						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	90						7150649
C13-1234678 HeptaCDF **	%	92						7150649
C13-123478 HexaCDD *	%	91						7150649
C13-123478 HexaCDF **	%	91						7150649
C13-1234789 HeptaCDF **	%	88						7150649
C13-123678 HexaCDD *	%	101						7150649
C13-123678 HexaCDF **	%	86						7150649
C13-12378 PentaCDD *	%	107						7150649
C13-12378 PentaCDF **	%	88						7150649
C13-123789 HexaCDF **	%	94						7150649
C13-234678 HexaCDF **	%	90						7150649
C13-23478 PentaCDF **	%	102						7150649
C13-2378 TetraCDD *	%	82						7150649
C13-2378 TetraCDF **	%	86						7150649
C13-OCDD *	%	88						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0692	0.0692	0.994	1.00	0.0692	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0806	0.0806	4.97	1.00	0.0806	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0509	0.0509	4.97	0.100	0.00509	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	0.0595	0.0459	4.97	0.100	0.00595	1	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0469	0.0469	4.97	0.100	0.00469	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0830 (1)	0.0830	4.97	0.0100	0.000830	0	7150649
Octa CDD *	pg/g	<0.0830 (1)	0.0830	9.94	0.000300	0.0000249	0	7150649
Total Tetra CDD *	pg/g	<0.0692	0.0692	0.994			0	7150649
Total Penta CDD *	pg/g	<0.0806	0.0806	4.97			0	7150649
Total Hexa CDD *	pg/g	0.0595	0.0478	4.97			1	7150649
Total Hepta CDD *	pg/g	0.0440	0.0377	4.97			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.121 (2)	0.121	0.994	0.100	0.0121	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0690	0.0690	4.97	0.0300	0.00207	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0512 (1)	0.0512	4.97	0.300	0.0154	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0518	0.0342	4.97	0.100	0.00518	1	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0350	0.0350	4.97	0.100	0.00350	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0430	0.0430	4.97	0.100	0.00430	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0400	0.0400	4.97	0.100	0.00400	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0930 (3)	0.0930	4.97	0.0100	0.000930	0	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0370	0.0370	4.97	0.0100	0.000370	0	7150649
Octa CDF **	pg/g	0.103	0.0690	9.94	0.000300	0.0000309	1	7150649
Total Tetra CDF **	pg/g	0.133	0.0432	0.994			2	7150649
Total Penta CDF **	pg/g	<0.0569	0.0569	4.97			0	7150649
Total Hexa CDF **	pg/g	0.0518	0.0347	4.97			1	7150649
Total Hepta CDF **	pg/g	<0.0640	0.0640	4.97			0	7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

(3) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA063						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
TOTAL TOXIC EQUIVALENCY	pg/g					0.214		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	78						7150649
C13-1234678 HeptaCDD *	%	86						7150649
C13-1234678 HeptaCDF **	%	88						7150649
C13-123478 HexaCDD *	%	87						7150649
C13-123478 HexaCDF **	%	88						7150649
C13-1234789 HeptaCDF **	%	85						7150649
C13-123678 HexaCDD *	%	96						7150649
C13-123678 HexaCDF **	%	83						7150649
C13-12378 PentaCDD *	%	105						7150649
C13-12378 PentaCDF **	%	87						7150649
C13-123789 HexaCDF **	%	92						7150649
C13-234678 HexaCDF **	%	87						7150649
C13-23478 PentaCDF **	%	98						7150649
C13-2378 TetraCDD *	%	80						7150649
C13-2378 TetraCDF **	%	83						7150649
C13-OCDD *	%	85						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0522	0.0522	0.996	1.00	0.0522	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0618	0.0618	4.98	1.00	0.0618	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0535	0.0535	4.98	0.100	0.00535	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0481	0.0481	4.98	0.100	0.00481	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0492	0.0492	4.98	0.100	0.00492	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.0860	0.0425	4.98	0.0100	0.000860	1	7150649
Octa CDD *	pg/g	0.130	0.0595	9.96	0.000300	0.0000390	1	7150649
Total Tetra CDD *	pg/g	<0.0522	0.0522	0.996			0	7150649
Total Penta CDD *	pg/g	<0.0618	0.0618	4.98			0	7150649
Total Hexa CDD *	pg/g	<0.0501	0.0501	4.98			0	7150649
Total Hepta CDD *	pg/g	0.0860	0.0425	4.98			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0328	0.0328	0.996	0.100	0.00328	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0500	0.0500	4.98	0.0300	0.00150	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0380	0.0380	4.98	0.300	0.0114	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0430 (1)	0.0430	4.98	0.100	0.00430	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0490	0.0490	4.98	0.100	0.00490	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0380 (1)	0.0380	4.98	0.100	0.00380	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0403	0.0403	4.98	0.100	0.00403	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0867	0.0285	4.98	0.0100	0.000867	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0400	0.0400	4.98	0.0100	0.000400	0	7150649
Octa CDF **	pg/g	0.147	0.0444	9.96	0.000300	0.0000441	1	7150649
Total Tetra CDF **	pg/g	<0.0328	0.0328	0.996			0	7150649
Total Penta CDF **	pg/g	<0.0423	0.0423	4.98			0	7150649
Total Hexa CDF **	pg/g	<0.0450	0.0450	4.98			0	7150649
Total Hepta CDF **	pg/g	0.193	0.0315	4.98			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.165		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	72						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA075						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	87						7150649
C13-1234678 HeptaCDF **	%	89						7150649
C13-123478 HexaCDD *	%	88						7150649
C13-123478 HexaCDF **	%	90						7150649
C13-1234789 HeptaCDF **	%	86						7150649
C13-123678 HexaCDD *	%	97						7150649
C13-123678 HexaCDF **	%	84						7150649
C13-12378 PentaCDD *	%	105						7150649
C13-12378 PentaCDF **	%	87						7150649
C13-123789 HexaCDF **	%	91						7150649
C13-234678 HexaCDF **	%	88						7150649
C13-23478 PentaCDF **	%	99						7150649
C13-2378 TetraCDD *	%	76						7150649
C13-2378 TetraCDF **	%	83						7150649
C13-OCDD *	%	87						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0674	0.0674	1.00	1.00	0.0674	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0783	0.0783	5.00	1.00	0.0783	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0392	0.0392	5.00	0.100	0.00392	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0460	0.0460	5.00	0.100	0.00460	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0460	0.0460	5.00	0.100	0.00460	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.0974	0.0389	5.00	0.0100	0.000974	1	7150649
Octa CDD *	pg/g	<0.0900 (1)	0.0900	10.0	0.000300	0.0000270	0	7150649
Total Tetra CDD *	pg/g	<0.0674	0.0674	1.00			0	7150649
Total Penta CDD *	pg/g	<0.0783	0.0783	5.00			0	7150649
Total Hexa CDD *	pg/g	<0.0388	0.0388	5.00			0	7150649
Total Hepta CDD *	pg/g	0.151	0.0389	5.00			2	7150649
2,3,7,8-Tetra CDF **	pg/g	0.0819	0.0453	1.00	0.100	0.00819	1	7150649
1,2,3,7,8-Penta CDF **	pg/g	0.0716	0.0551	5.00	0.0300	0.00215	1	7150649
2,3,4,7,8-Penta CDF **	pg/g	0.0451	0.0422	5.00	0.300	0.0135	1	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0572	0.0443	5.00	0.100	0.00572	1	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	0.0679	0.0443	5.00	0.100	0.00679	1	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	0.0522	0.0441	5.00	0.100	0.00522	1	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0560	0.0560	5.00	0.100	0.00560	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0891	0.0330	5.00	0.0100	0.000891	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0420 (1)	0.0420	5.00	0.0100	0.000420	0	7150649
Octa CDF **	pg/g	0.115	0.0528	10.0	0.000300	0.0000345	1	7150649
Total Tetra CDF **	pg/g	0.0819	0.0453	1.00			1	7150649
Total Penta CDF **	pg/g	0.117	0.0480	5.00			2	7150649
Total Hexa CDF **	pg/g	0.177	0.0446	5.00			3	7150649
Total Hepta CDF **	pg/g	0.0891	0.0366	5.00			1	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.208		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	75						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA081						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	93						7150649
C13-1234678 HeptaCDF **	%	93						7150649
C13-123478 HexaCDD *	%	98						7150649
C13-123478 HexaCDF **	%	91						7150649
C13-1234789 HeptaCDF **	%	89						7150649
C13-123678 HexaCDD *	%	97						7150649
C13-123678 HexaCDF **	%	87						7150649
C13-12378 PentaCDD *	%	113						7150649
C13-12378 PentaCDF **	%	88						7150649
C13-123789 HexaCDF **	%	96						7150649
C13-234678 HexaCDF **	%	91						7150649
C13-23478 PentaCDF **	%	105						7150649
C13-2378 TetraCDD *	%	82						7150649
C13-2378 TetraCDF **	%	85						7150649
C13-OCDD *	%	93						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0589	0.0589	1.00	1.00	0.0589	0	7150649
1,2,3,7,8-Penta CDD *	pg/g	<0.0547	0.0547	5.00	1.00	0.0547	0	7150649
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0413	0.0413	5.00	0.100	0.00413	0	7150649
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0382	0.0382	5.00	0.100	0.00382	0	7150649
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0385	0.0385	5.00	0.100	0.00385	0	7150649
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.0778	0.0324	5.00	0.0100	0.000778	1	7150649
Octa CDD *	pg/g	0.121	0.0598	10.0	0.000300	0.0000363	1	7150649
Total Tetra CDD *	pg/g	<0.0589	0.0589	1.00			0	7150649
Total Penta CDD *	pg/g	<0.0547	0.0547	5.00			0	7150649
Total Hexa CDD *	pg/g	<0.0393	0.0393	5.00			0	7150649
Total Hepta CDD *	pg/g	0.0778	0.0324	5.00			1	7150649
2,3,7,8-Tetra CDF **	pg/g	<0.0340	0.0340	1.00	0.100	0.00340	0	7150649
1,2,3,7,8-Penta CDF **	pg/g	<0.0500	0.0500	5.00	0.0300	0.00150	0	7150649
2,3,4,7,8-Penta CDF **	pg/g	<0.0385	0.0385	5.00	0.300	0.0116	0	7150649
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0370	0.0370	5.00	0.100	0.00370	0	7150649
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0293	0.0293	5.00	0.100	0.00293	0	7150649
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0300	0.0300	5.00	0.100	0.00300	0	7150649
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0294	0.0294	5.00	0.100	0.00294	0	7150649
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.122	0.0203	5.00	0.0100	0.00122	1	7150649
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0300	0.0300	5.00	0.0100	0.000300	0	7150649
Octa CDF **	pg/g	0.0768	0.0416	10.0	0.000300	0.0000230	1	7150649
Total Tetra CDF **	pg/g	<0.0340	0.0340	1.00			0	7150649
Total Penta CDF **	pg/g	<0.0437	0.0437	5.00			0	7150649
Total Hexa CDF **	pg/g	<0.0310	0.0310	5.00			0	7150649
Total Hepta CDF **	pg/g	0.203	0.0224	5.00			2	7150649
TOTAL TOXIC EQUIVALENCY	pg/g					0.157		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81						7150649
C13-1234678 HeptaCDD *	%	94						7150649

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA086						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-CRAB-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	93						7150649
C13-123478 HexaCDD *	%	95						7150649
C13-123478 HexaCDF **	%	91						7150649
C13-1234789 HeptaCDF **	%	91						7150649
C13-123678 HexaCDD *	%	102						7150649
C13-123678 HexaCDF **	%	85						7150649
C13-12378 PentaCDD *	%	115						7150649
C13-12378 PentaCDF **	%	90						7150649
C13-123789 HexaCDF **	%	97						7150649
C13-234678 HexaCDF **	%	90						7150649
C13-23478 PentaCDF **	%	106						7150649
C13-2378 TetraCDD *	%	84						7150649
C13-2378 TetraCDF **	%	84						7150649
C13-OCDD *	%	95						7150649

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA219						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.145	0.145	0.987	1.00	0.145		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.131	0.131	4.94	1.00	0.131		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.133	0.133	4.94	0.100	0.0133		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.134	0.134	4.94	0.100	0.0134		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.142	0.142	4.94	0.100	0.0142		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.137	0.137	4.94	0.0100	0.00137		7162596
Octa CDD *	pg/g	0.215	0.139	9.87	0.000300	0.0000645		7162596
Total Tetra CDD *	pg/g	<0.145	0.145	0.987			0	7162596
Total Penta CDD *	pg/g	<0.131	0.131	4.94			0	7162596
Total Hexa CDD *	pg/g	<0.138	0.138	4.94			0	7162596
Total Hepta CDD *	pg/g	<0.137	0.137	4.94			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.720	0.117	0.987	0.100	0.0720		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.134	0.134	4.94	0.0300	0.00402		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.123	0.123	4.94	0.300	0.0369		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.109	0.109	4.94	0.100	0.0109		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.94	0.100	0.0112		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.94	0.100	0.0105		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.113	0.113	4.94	0.100	0.0113		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.94	0.0100	0.00104		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.94	0.0100	0.00100		7162596
Octa CDF **	pg/g	<0.143	0.143	9.87	0.000300	0.0000429		7162596
Total Tetra CDF **	pg/g	2.37	0.117	0.987			5	7162596
Total Penta CDF **	pg/g	<0.128	0.128	4.94			0	7162596
Total Hexa CDF **	pg/g	<0.110	0.110	4.94			0	7162596
Total Hepta CDF **	pg/g	<0.102	0.102	4.94			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.477		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	82						7162596
C13-1234678 HeptaCDD *	%	87						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA219						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-46	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	90						7162596
C13-123478 HexaCDD *	%	91						7162596
C13-123478 HexaCDF **	%	90						7162596
C13-1234789 HeptaCDF **	%	85						7162596
C13-123678 HexaCDD *	%	99						7162596
C13-123678 HexaCDF **	%	89						7162596
C13-12378 PentaCDD *	%	82						7162596
C13-12378 PentaCDF **	%	74						7162596
C13-123789 HexaCDF **	%	101						7162596
C13-234678 HexaCDF **	%	87						7162596
C13-23478 PentaCDF **	%	96						7162596
C13-2378 TetraCDD *	%	79						7162596
C13-2378 TetraCDF **	%	80						7162596
C13-OCDD *	%	72						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA221						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.123	0.123	0.998	1.00	0.123		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.135	0.135	4.99	1.00	0.135		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.99	0.100	0.0120		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.99	0.100	0.0121		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.128	0.128	4.99	0.100	0.0128		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.186	0.131	4.99	0.0100	0.00186		7162596
Octa CDD *	pg/g	0.220	0.106	9.98	0.000300	0.0000660		7162596
Total Tetra CDD *	pg/g	0.229	0.123	0.998			1	7162596
Total Penta CDD *	pg/g	<0.135	0.135	4.99			0	7162596
Total Hexa CDD *	pg/g	0.202	0.125	4.99			1	7162596
Total Hepta CDD *	pg/g	0.186	0.131	4.99			1	7162596
2,3,7,8-Tetra CDF **	pg/g	0.338	0.129	0.998	0.100	0.0338		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.99	0.0300	0.00414		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.126	0.126	4.99	0.300	0.0378		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.130	0.130	4.99	0.100	0.0130		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.133	0.133	4.99	0.100	0.0133		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.126	0.126	4.99	0.100	0.0126		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.134	0.134	4.99	0.100	0.0134		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.370	0.121	4.99	0.0100	0.00370		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.117	0.117	4.99	0.0100	0.00117		7162596
Octa CDF **	pg/g	<0.142	0.142	9.98	0.000300	0.0000426		7162596
Total Tetra CDF **	pg/g	2.64	0.129	0.998			6	7162596
Total Penta CDF **	pg/g	<0.131	0.131	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.131	0.131	4.99			0	7162596
Total Hepta CDF **	pg/g	0.595	0.119	4.99			2	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.430		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	87						7162596
C13-1234678 HeptaCDD *	%	96						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA221						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-47	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	102						7162596
C13-123478 HexaCDD *	%	99						7162596
C13-123478 HexaCDF **	%	97						7162596
C13-1234789 HeptaCDF **	%	100						7162596
C13-123678 HexaCDD *	%	106						7162596
C13-123678 HexaCDF **	%	99						7162596
C13-12378 PentaCDD *	%	93						7162596
C13-12378 PentaCDF **	%	83						7162596
C13-123789 HexaCDF **	%	108						7162596
C13-234678 HexaCDF **	%	95						7162596
C13-23478 PentaCDF **	%	106						7162596
C13-2378 TetraCDD *	%	87						7162596
C13-2378 TetraCDF **	%	88						7162596
C13-OCDD *	%	81						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA222						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.133	0.133	0.998	1.00	0.133		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.143	0.143	4.99	1.00	0.143		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.143	0.143	4.99	0.100	0.0143		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.144	0.144	4.99	0.100	0.0144		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.153	0.153	4.99	0.100	0.0153		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.146	0.146	4.99	0.0100	0.00146		7162596
Octa CDD *	pg/g	<0.124	0.124	9.98	0.000300	0.0000372		7162596
Total Tetra CDD *	pg/g	<0.133	0.133	0.998			0	7162596
Total Penta CDD *	pg/g	<0.143	0.143	4.99			0	7162596
Total Hexa CDD *	pg/g	<0.149	0.149	4.99			0	7162596
Total Hepta CDD *	pg/g	<0.146	0.146	4.99			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.864	0.149	0.998	0.100	0.0864		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.139	0.139	4.99	0.0300	0.00417		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.127	0.127	4.99	0.300	0.0381		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.106	0.106	4.99	0.100	0.0106		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0999	0.0999	4.99	0.100	0.00999		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.104	0.104	4.99	0.0100	0.00104		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.100	0.100	4.99	0.0100	0.00100		7162596
Octa CDF **	pg/g	<0.120	0.120	9.98	0.000300	0.0000360		7162596
Total Tetra CDF **	pg/g	3.53	0.149	0.998			6	7162596
Total Penta CDF **	pg/g	<0.132	0.132	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.104	0.104	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.102	0.102	4.99			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.494		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81						7162596
C13-1234678 HeptaCDD *	%	93						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA222						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-48	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	96						7162596
C13-123478 HexaCDD *	%	96						7162596
C13-123478 HexaCDF **	%	94						7162596
C13-1234789 HeptaCDF **	%	96						7162596
C13-123678 HexaCDD *	%	99						7162596
C13-123678 HexaCDF **	%	91						7162596
C13-12378 PentaCDD *	%	82						7162596
C13-12378 PentaCDF **	%	73						7162596
C13-123789 HexaCDF **	%	109						7162596
C13-234678 HexaCDF **	%	95						7162596
C13-23478 PentaCDF **	%	95						7162596
C13-2378 TetraCDD *	%	81						7162596
C13-2378 TetraCDF **	%	84						7162596
C13-OCDD *	%	77						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA223						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0649	0.0649	0.976	1.00	0.0649	0	7166984
1,2,3,7,8-Penta CDD *	pg/g	0.252	0.0642	4.88	1.00	0.252	1	7166984
1,2,3,4,7,8-Hexa CDD *	pg/g	0.141	0.0871	4.88	0.100	0.0141	1	7166984
1,2,3,6,7,8-Hexa CDD *	pg/g	0.302	0.0809	4.88	0.100	0.0302	1	7166984
1,2,3,7,8,9-Hexa CDD *	pg/g	0.177	0.0810	4.88	0.100	0.0177	1	7166984
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.181	0.0631	4.88	0.0100	0.00181	1	7166984
Octa CDD *	pg/g	<0.209 (1)	0.209	9.76	0.000300	0.0000627	0	7166984
Total Tetra CDD *	pg/g	0.302	0.0649	0.976			3	7166984
Total Penta CDD *	pg/g	0.459	0.0642	4.88			3	7166984
Total Hexa CDD *	pg/g	0.935	0.0829	4.88			4	7166984
Total Hepta CDD *	pg/g	0.274	0.0631	4.88			2	7166984
2,3,7,8-Tetra CDF **	pg/g	0.744	0.0506	0.976	0.100	0.0744	1	7166984
1,2,3,7,8-Penta CDF **	pg/g	0.232	0.0594	4.88	0.0300	0.00696	1	7166984
2,3,4,7,8-Penta CDF **	pg/g	0.202	0.0460	4.88	0.300	0.0606	1	7166984
1,2,3,4,7,8-Hexa CDF **	pg/g	0.206	0.0811	4.88	0.100	0.0206	1	7166984
1,2,3,6,7,8-Hexa CDF **	pg/g	0.166	0.0783	4.88	0.100	0.0166	1	7166984
2,3,4,6,7,8-Hexa CDF **	pg/g	0.148	0.0796	4.88	0.100	0.0148	1	7166984
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.110 (1)	0.110	4.88	0.100	0.0110	0	7166984
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.150	0.0473	4.88	0.0100	0.00150	1	7166984
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.107	0.0580	4.88	0.0100	0.00107	1	7166984
Octa CDF **	pg/g	0.200	0.102	9.76	0.000300	0.0000600	1	7166984
Total Tetra CDF **	pg/g	5.01	0.0506	0.976			10	7166984
Total Penta CDF **	pg/g	0.594	0.0520	4.88			3	7166984
Total Hexa CDF **	pg/g	0.520	0.0804	4.88			3	7166984
Total Hepta CDF **	pg/g	0.257	0.0520	4.88			2	7166984
TOTAL TOXIC EQUIVALENCY	pg/g					0.588		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85						7166984

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA223						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-49	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	103						7166984
C13-1234678 HeptaCDF **	%	109						7166984
C13-123478 HexaCDD *	%	108						7166984
C13-123478 HexaCDF **	%	108						7166984
C13-1234789 HeptaCDF **	%	106						7166984
C13-123678 HexaCDD *	%	108						7166984
C13-123678 HexaCDF **	%	105						7166984
C13-12378 PentaCDD *	%	101						7166984
C13-12378 PentaCDF **	%	82						7166984
C13-123789 HexaCDF **	%	113						7166984
C13-234678 HexaCDF **	%	107						7166984
C13-23478 PentaCDF **	%	92						7166984
C13-2378 TetraCDD *	%	88						7166984
C13-2378 TetraCDF **	%	91						7166984
C13-OCDD *	%	98						7166984

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA224						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.132	0.132	0.987	1.00	0.132		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.141	0.141	4.93	1.00	0.141		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.120	0.120	4.93	0.100	0.0120		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.121	0.121	4.93	0.100	0.0121		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.128	0.128	4.93	0.100	0.0128		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.130	0.130	4.93	0.0100	0.00130		7162596
Octa CDD *	pg/g	<0.135	0.135	9.87	0.000300	0.0000405		7162596
Total Tetra CDD *	pg/g	<0.132	0.132	0.987			0	7162596
Total Penta CDD *	pg/g	<0.141	0.141	4.93			0	7162596
Total Hexa CDD *	pg/g	<0.125	0.125	4.93			0	7162596
Total Hepta CDD *	pg/g	<0.130	0.130	4.93			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.322	0.139	0.987	0.100	0.0322		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.105	0.105	4.93	0.0300	0.00315		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.0956	0.0956	4.93	0.300	0.0287		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.93	0.100	0.0114		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.117	0.117	4.93	0.100	0.0117		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.93	0.100	0.0110		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.118	0.118	4.93	0.100	0.0118		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.112	0.112	4.93	0.0100	0.00112		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.108	0.108	4.93	0.0100	0.00108		7162596
Octa CDF **	pg/g	<0.108	0.108	9.87	0.000300	0.0000324		7162596
Total Tetra CDF **	pg/g	1.74	0.139	0.987			5	7162596
Total Penta CDF **	pg/g	<0.0999	0.0999	4.93			0	7162596
Total Hexa CDF **	pg/g	<0.114	0.114	4.93			0	7162596
Total Hepta CDF **	pg/g	<0.110	0.110	4.93			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.423		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92						7162596
C13-1234678 HeptaCDD *	%	92						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA224						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-50	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	96						7162596
C13-123478 HexaCDD *	%	93						7162596
C13-123478 HexaCDF **	%	92						7162596
C13-1234789 HeptaCDF **	%	94						7162596
C13-123678 HexaCDD *	%	100						7162596
C13-123678 HexaCDF **	%	87						7162596
C13-12378 PentaCDD *	%	87						7162596
C13-12378 PentaCDF **	%	76						7162596
C13-123789 HexaCDF **	%	103						7162596
C13-234678 HexaCDF **	%	82						7162596
C13-23478 PentaCDF **	%	98						7162596
C13-2378 TetraCDD *	%	80						7162596
C13-2378 TetraCDF **	%	86						7162596
C13-OCDD *	%	79						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA225						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.998	1.00	0.117		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.140	0.140	4.99	1.00	0.140		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.242	0.136	4.99	0.0100	0.00242		7162596
Octa CDD *	pg/g	1.07	0.129	9.98	0.000300	0.000321		7162596
Total Tetra CDD *	pg/g	<0.117	0.117	0.998			0	7162596
Total Penta CDD *	pg/g	<0.140	0.140	4.99			0	7162596
Total Hexa CDD *	pg/g	<0.115	0.115	4.99			0	7162596
Total Hepta CDD *	pg/g	0.412	0.136	4.99			2	7162596
2,3,7,8-Tetra CDF **	pg/g	0.180	0.112	0.998	0.100	0.0180		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.106	0.106	4.99	0.0300	0.00318		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.0973	0.0973	4.99	0.300	0.0292		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0953	0.0953	4.99	0.100	0.00953		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0978	0.0978	4.99	0.100	0.00978		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0924	0.0924	4.99	0.100	0.00924		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0987	0.0987	4.99	0.100	0.00987		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.127	0.127	4.99	0.0100	0.00127		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.123	0.123	4.99	0.0100	0.00123		7162596
Octa CDF **	pg/g	0.158	0.133	9.98	0.000300	0.0000474		7162596
Total Tetra CDF **	pg/g	0.970	0.112	0.998			4	7162596
Total Penta CDF **	pg/g	<0.102	0.102	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.0960	0.0960	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.125	0.125	4.99			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.385		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7162596
C13-1234678 HeptaCDD *	%	92						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA225						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-51	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	99						7162596
C13-123478 HexaCDD *	%	97						7162596
C13-123478 HexaCDF **	%	97						7162596
C13-1234789 HeptaCDF **	%	94						7162596
C13-123678 HexaCDD *	%	104						7162596
C13-123678 HexaCDF **	%	98						7162596
C13-12378 PentaCDD *	%	90						7162596
C13-12378 PentaCDF **	%	81						7162596
C13-123789 HexaCDF **	%	106						7162596
C13-234678 HexaCDF **	%	99						7162596
C13-23478 PentaCDF **	%	102						7162596
C13-2378 TetraCDD *	%	80						7162596
C13-2378 TetraCDF **	%	83						7162596
C13-OCDD *	%	78						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA226						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-52	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0954	0.0954	0.984	1.00	0.0954		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.133	0.133	4.92	1.00	0.133		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.125	0.125	4.92	0.100	0.0125		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.125	0.125	4.92	0.100	0.0125		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.133	0.133	4.92	0.100	0.0133		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.124	0.124	4.92	0.0100	0.00124		7162596
Octa CDD *	pg/g	<0.124	0.124	9.84	0.000300	0.0000372		7162596
Total Tetra CDD *	pg/g	<0.0954	0.0954	0.984			0	7162596
Total Penta CDD *	pg/g	<0.133	0.133	4.92			0	7162596
Total Hexa CDD *	pg/g	<0.129	0.129	4.92			0	7162596
Total Hepta CDD *	pg/g	<0.124	0.124	4.92			0	7162596
2,3,7,8-Tetra CDF **	pg/g	<0.143	0.143	0.984	0.100	0.0143		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.144	0.144	4.92	0.0300	0.00432		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.131	0.131	4.92	0.300	0.0393		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0964	0.0964	4.92	0.100	0.00964		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0989	0.0989	4.92	0.100	0.00989		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0934	0.0934	4.92	0.100	0.00934		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0998	0.0998	4.92	0.100	0.00998		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.117	0.117	4.92	0.0100	0.00117		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.114	0.114	4.92	0.0100	0.00114		7162596
Octa CDF **	pg/g	<0.125	0.125	9.84	0.000300	0.0000375		7162596
Total Tetra CDF **	pg/g	<0.143	0.143	0.984			0	7162596
Total Penta CDF **	pg/g	<0.137	0.137	4.92			0	7162596
Total Hexa CDF **	pg/g	<0.0971	0.0971	4.92			0	7162596
Total Hepta CDF **	pg/g	<0.115	0.115	4.92			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.367		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	79						7162596
C13-1234678 HeptaCDD *	%	85						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA226						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-52	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	92						7162596
C13-123478 HexaCDD *	%	86						7162596
C13-123478 HexaCDF **	%	86						7162596
C13-1234789 HeptaCDF **	%	86						7162596
C13-123678 HexaCDD *	%	92						7162596
C13-123678 HexaCDF **	%	86						7162596
C13-12378 PentaCDD *	%	79						7162596
C13-12378 PentaCDF **	%	76						7162596
C13-123789 HexaCDF **	%	98						7162596
C13-234678 HexaCDF **	%	90						7162596
C13-23478 PentaCDF **	%	94						7162596
C13-2378 TetraCDD *	%	75						7162596
C13-2378 TetraCDF **	%	78						7162596
C13-OCDD *	%	77						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA227						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-53	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.145	0.145	0.986	1.00	0.145		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.140	0.140	4.93	1.00	0.140		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.118	0.118	4.93	0.100	0.0118		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.119	0.119	4.93	0.100	0.0119		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.125	0.125	4.93	0.100	0.0125		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.129	0.129	4.93	0.0100	0.00129		7162596
Octa CDD *	pg/g	<0.122	0.122	9.86	0.000300	0.0000366		7162596
Total Tetra CDD *	pg/g	<0.145	0.145	0.986			0	7162596
Total Penta CDD *	pg/g	<0.140	0.140	4.93			0	7162596
Total Hexa CDD *	pg/g	<0.122	0.122	4.93			0	7162596
Total Hepta CDD *	pg/g	<0.129	0.129	4.93			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.363	0.143	0.986	0.100	0.0363		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.141	0.141	4.93	0.0300	0.00423		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.129	0.129	4.93	0.300	0.0387		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.116	0.116	4.93	0.100	0.0116		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.119	0.119	4.93	0.100	0.0119		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.112	0.112	4.93	0.100	0.0112		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.120	0.120	4.93	0.100	0.0120		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0981	0.0981	4.93	0.0100	0.000981		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0948	0.0948	4.93	0.0100	0.000948		7162596
Octa CDF **	pg/g	<0.133	0.133	9.86	0.000300	0.0000399		7162596
Total Tetra CDF **	pg/g	1.62	0.143	0.986			4	7162596
Total Penta CDF **	pg/g	<0.134	0.134	4.93			0	7162596
Total Hexa CDF **	pg/g	<0.116	0.116	4.93			0	7162596
Total Hepta CDF **	pg/g	<0.0964	0.0964	4.93			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.450		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	77						7162596
C13-1234678 HeptaCDD *	%	87						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA227						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-53	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	92						7162596
C13-123478 HexaCDD *	%	88						7162596
C13-123478 HexaCDF **	%	86						7162596
C13-1234789 HeptaCDF **	%	87						7162596
C13-123678 HexaCDD *	%	93						7162596
C13-123678 HexaCDF **	%	83						7162596
C13-12378 PentaCDD *	%	79						7162596
C13-12378 PentaCDF **	%	68						7162596
C13-123789 HexaCDF **	%	97						7162596
C13-234678 HexaCDF **	%	88						7162596
C13-23478 PentaCDF **	%	87						7162596
C13-2378 TetraCDD *	%	74						7162596
C13-2378 TetraCDF **	%	76						7162596
C13-OCDD *	%	71						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA228						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-54	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.118	0.118	0.998	1.00	0.118		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.124	0.124	4.99	1.00	0.124		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.111	0.111	4.99	0.100	0.0111		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.112	0.112	4.99	0.100	0.0112		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.118	0.118	4.99	0.100	0.0118		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.128	0.128	4.99	0.0100	0.00128		7162596
Octa CDD *	pg/g	0.229	0.139	9.98	0.000300	0.0000687		7162596
Total Tetra CDD *	pg/g	<0.118	0.118	0.998			0	7162596
Total Penta CDD *	pg/g	<0.124	0.124	4.99			0	7162596
Total Hexa CDD *	pg/g	<0.115	0.115	4.99			0	7162596
Total Hepta CDD *	pg/g	<0.128	0.128	4.99			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.361	0.132	0.998	0.100	0.0361		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.104	0.104	4.99	0.0300	0.00312		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.0950	0.0950	4.99	0.300	0.0285		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.114	0.114	4.99	0.100	0.0114		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.115	0.115	4.99	0.100	0.0115		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.111	0.111	4.99	0.0100	0.00111		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.107	0.107	4.99	0.0100	0.00107		7162596
Octa CDF **	pg/g	<0.142	0.142	9.98	0.000300	0.0000426		7162596
Total Tetra CDF **	pg/g	1.76	0.132	0.998			4	7162596
Total Penta CDF **	pg/g	<0.0992	0.0992	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.112	0.112	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.109	0.109	4.99			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.392		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7162596
C13-1234678 HeptaCDD *	%	89						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA228						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-54	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	96						7162596
C13-123478 HexaCDD *	%	93						7162596
C13-123478 HexaCDF **	%	92						7162596
C13-1234789 HeptaCDF **	%	85						7162596
C13-123678 HexaCDD *	%	102						7162596
C13-123678 HexaCDF **	%	95						7162596
C13-12378 PentaCDD *	%	85						7162596
C13-12378 PentaCDF **	%	77						7162596
C13-123789 HexaCDF **	%	101						7162596
C13-234678 HexaCDF **	%	92						7162596
C13-23478 PentaCDF **	%	101						7162596
C13-2378 TetraCDD *	%	77						7162596
C13-2378 TetraCDF **	%	83						7162596
C13-OCDD *	%	69						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA229						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-55	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.132	0.132	0.998	1.00	0.132		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.139	0.139	4.99	1.00	0.139		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.131	0.131	4.99	0.100	0.0131		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.132	0.132	4.99	0.100	0.0132		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.140	0.140	4.99	0.100	0.0140		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.130	0.130	4.99	0.0100	0.00130		7162596
Octa CDD *	pg/g	<0.138	0.138	9.98	0.000300	0.0000414		7162596
Total Tetra CDD *	pg/g	<0.132	0.132	0.998			0	7162596
Total Penta CDD *	pg/g	<0.139	0.139	4.99			0	7162596
Total Hexa CDD *	pg/g	<0.136	0.136	4.99			0	7162596
Total Hepta CDD *	pg/g	<0.130	0.130	4.99			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.288	0.117	0.998	0.100	0.0288		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.135	0.135	4.99	0.0300	0.00405		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.123	0.123	4.99	0.300	0.0369		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.107	0.107	4.99	0.100	0.0107		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.110	0.110	4.99	0.100	0.0110		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.104	0.104	4.99	0.100	0.0104		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.111	0.111	4.99	0.100	0.0111		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.142	0.142	4.99	0.0100	0.00142		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.137	0.137	4.99	0.0100	0.00137		7162596
Octa CDF **	pg/g	<0.133	0.133	9.98	0.000300	0.0000399		7162596
Total Tetra CDF **	pg/g	1.75	0.117	0.998			4	7162596
Total Penta CDF **	pg/g	<0.129	0.129	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.108	0.108	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.139	0.139	4.99			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.428		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7162596
C13-1234678 HeptaCDD *	%	85						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA229						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-55	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	94						7162596
C13-123478 HexaCDD *	%	87						7162596
C13-123478 HexaCDF **	%	87						7162596
C13-1234789 HeptaCDF **	%	85						7162596
C13-123678 HexaCDD *	%	95						7162596
C13-123678 HexaCDF **	%	89						7162596
C13-12378 PentaCDD *	%	84						7162596
C13-12378 PentaCDF **	%	78						7162596
C13-123789 HexaCDF **	%	99						7162596
C13-234678 HexaCDF **	%	89						7162596
C13-23478 PentaCDF **	%	101						7162596
C13-2378 TetraCDD *	%	81						7162596
C13-2378 TetraCDF **	%	81						7162596
C13-OCDD *	%	67						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA230						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-56	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.136	0.136	0.999	1.00	0.136		7162596
1,2,3,7,8-Penta CDD *	pg/g	0.273	0.142	4.99	1.00	0.273		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.129	0.129	4.99	0.100	0.0129		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	0.316	0.129	4.99	0.100	0.0316		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.137	0.137	4.99	0.100	0.0137		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.193	0.144	4.99	0.0100	0.00193		7162596
Octa CDD *	pg/g	<0.140	0.140	9.99	0.000300	0.0000420		7162596
Total Tetra CDD *	pg/g	0.453	0.136	0.999			2	7162596
Total Penta CDD *	pg/g	0.273	0.142	4.99			1	7162596
Total Hexa CDD *	pg/g	0.734	0.133	4.99			2	7162596
Total Hepta CDD *	pg/g	0.193	0.144	4.99			1	7162596
2,3,7,8-Tetra CDF **	pg/g	1.47	0.141	0.999	0.100	0.147		7162596
1,2,3,7,8-Penta CDF **	pg/g	0.302	0.153	4.99	0.0300	0.00906		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.140	0.140	4.99	0.300	0.0420		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0993	0.0993	4.99	0.100	0.00993		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0962	0.0962	4.99	0.100	0.00962		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.103	0.103	4.99	0.100	0.0103		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.133	0.133	4.99	0.0100	0.00133		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.128	0.128	4.99	0.0100	0.00128		7162596
Octa CDF **	pg/g	<0.140	0.140	9.99	0.000300	0.0000420		7162596
Total Tetra CDF **	pg/g	7.32	0.141	0.999			7	7162596
Total Penta CDF **	pg/g	0.903	0.146	4.99			3	7162596
Total Hexa CDF **	pg/g	<0.100	0.100	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.131	0.131	4.99			0	7162596
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.26	0.10	1.0	0.100	0.126		7176089
TOTAL TOXIC EQUIVALENCY	pg/g					0.689		
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	74						7176089

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA230						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-56	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
37CL4 2378 Tetra CDD *	%	85						7162596
C13-1234678 HeptaCDD *	%	83						7162596
C13-1234678 HeptaCDF **	%	88						7162596
C13-123478 HexaCDD *	%	88						7162596
C13-123478 HexaCDF **	%	89						7162596
C13-1234789 HeptaCDF **	%	88						7162596
C13-123678 HexaCDD *	%	97						7162596
C13-123678 HexaCDF **	%	92						7162596
C13-12378 PentaCDD *	%	85						7162596
C13-12378 PentaCDF **	%	76						7162596
C13-123789 HexaCDF **	%	99						7162596
C13-234678 HexaCDF **	%	89						7162596
C13-23478 PentaCDF **	%	97						7162596
C13-2378 TetraCDD *	%	79						7162596
C13-2378 TetraCDF **	%	80						7162596
C13-OCDD *	%	70						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA231						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-57	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.146	0.146	1.00	1.00	0.146		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.412 (1)	0.412	5.00	1.00	0.412		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.126	0.126	5.00	0.100	0.0126		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	0.426	0.126	5.00	0.100	0.0426		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.133	0.133	5.00	0.100	0.0133		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.155	0.155	5.00	0.0100	0.00155		7162596
Octa CDD *	pg/g	<0.152	0.152	10.0	0.000300	0.0000456		7162596
Total Tetra CDD *	pg/g	0.295	0.146	1.00			1	7162596
Total Penta CDD *	pg/g	<0.412 (1)	0.412	5.00			0	7162596
Total Hexa CDD *	pg/g	0.795	0.130	5.00			2	7162596
Total Hepta CDD *	pg/g	<0.155	0.155	5.00			0	7162596
2,3,7,8-Tetra CDF **	pg/g	2.08	0.147	1.00	0.100	0.208		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.149	0.149	5.00	0.0300	0.00447		7162596
2,3,4,7,8-Penta CDF **	pg/g	0.317	0.137	5.00	0.300	0.0951		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.148	0.148	5.00	0.100	0.0148		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.152	0.152	5.00	0.100	0.0152		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.144	0.144	5.00	0.100	0.0144		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.153	0.153	5.00	0.100	0.0153		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.120	0.120	5.00	0.0100	0.00120		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.116	0.116	5.00	0.0100	0.00116		7162596
Octa CDF **	pg/g	<0.155	0.155	10.0	0.000300	0.0000465		7162596
Total Tetra CDF **	pg/g	6.92	0.147	1.00			7	7162596
Total Penta CDF **	pg/g	0.751	0.143	5.00			2	7162596
Total Hexa CDF **	pg/g	<0.149	0.149	5.00			0	7162596
Total Hepta CDF **	pg/g	<0.118	0.118	5.00			0	7162596
TCDF Confirmation								
Confirmation 2,3,7,8-Tetra CDF **	pg/g	1.90	0.12	1.0	0.100	0.190		7176089
TOTAL TOXIC EQUIVALENCY	pg/g					0.980		

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA231						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-57	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Surrogate Recovery (%)								
Confirmation C13-2378 TetraCDF **	%	75						7176089
37CL4 2378 Tetra CDD *	%	84						7162596
C13-1234678 HeptaCDD *	%	96						7162596
C13-1234678 HeptaCDF **	%	102						7162596
C13-123478 HexaCDD *	%	97						7162596
C13-123478 HexaCDF **	%	98						7162596
C13-1234789 HeptaCDF **	%	99						7162596
C13-123678 HexaCDD *	%	105						7162596
C13-123678 HexaCDF **	%	99						7162596
C13-12378 PentaCDD *	%	89						7162596
C13-12378 PentaCDF **	%	83						7162596
C13-123789 HexaCDF **	%	107						7162596
C13-234678 HexaCDF **	%	85						7162596
C13-23478 PentaCDF **	%	104						7162596
C13-2378 TetraCDD *	%	82						7162596
C13-2378 TetraCDF **	%	88						7162596
C13-OCDD *	%	71						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA234						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-58	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.146	0.146	0.993	1.00	0.146		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.111	0.111	4.97	1.00	0.111		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.123	0.123	4.97	0.100	0.0123		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.124	0.124	4.97	0.100	0.0124		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.131	0.131	4.97	0.100	0.0131		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.176	0.147	4.97	0.0100	0.00176		7162596
Octa CDD *	pg/g	1.23	0.139	9.93	0.000300	0.000369		7162596
Total Tetra CDD *	pg/g	<0.146	0.146	0.993			0	7162596
Total Penta CDD *	pg/g	<0.111	0.111	4.97			0	7162596
Total Hexa CDD *	pg/g	<0.127	0.127	4.97			0	7162596
Total Hepta CDD *	pg/g	0.176	0.147	4.97			1	7162596
2,3,7,8-Tetra CDF **	pg/g	0.472	0.149	0.993	0.100	0.0472		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.97	0.0300	0.00414		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.126	0.126	4.97	0.300	0.0378		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0926	0.0926	4.97	0.100	0.00926		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0950	0.0950	4.97	0.100	0.00950		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0897	0.0897	4.97	0.100	0.00897		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0959	0.0959	4.97	0.100	0.00959		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.142	0.142	4.97	0.0100	0.00142		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.137	0.137	4.97	0.0100	0.00137		7162596
Octa CDF **	pg/g	0.207	0.140	9.93	0.000300	0.0000621		7162596
Total Tetra CDF **	pg/g	2.60	0.149	0.993			5	7162596
Total Penta CDF **	pg/g	<0.132	0.132	4.97			0	7162596
Total Hexa CDF **	pg/g	<0.0932	0.0932	4.97			0	7162596
Total Hepta CDF **	pg/g	<0.139	0.139	4.97			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.426		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7162596
C13-1234678 HeptaCDD *	%	94						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA234						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-58	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	97						7162596
C13-123478 HexaCDD *	%	97						7162596
C13-123478 HexaCDF **	%	96						7162596
C13-1234789 HeptaCDF **	%	92						7162596
C13-123678 HexaCDD *	%	105						7162596
C13-123678 HexaCDF **	%	93						7162596
C13-12378 PentaCDD *	%	91						7162596
C13-12378 PentaCDF **	%	84						7162596
C13-123789 HexaCDF **	%	106						7162596
C13-234678 HexaCDF **	%	68						7162596
C13-23478 PentaCDF **	%	106						7162596
C13-2378 TetraCDD *	%	82						7162596
C13-2378 TetraCDF **	%	86						7162596
C13-OCDD *	%	72						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA240						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-59	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.127	0.127	0.998	1.00	0.127		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.110	0.110	4.99	1.00	0.110		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0998	0.0998	4.99	0.100	0.00998		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	0.174	0.100	4.99	0.100	0.0174		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.106	0.106	4.99	0.100	0.0106		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.128	0.128	4.99	0.0100	0.00128		7162596
Octa CDD *	pg/g	<0.142	0.142	9.98	0.000300	0.0000426		7162596
Total Tetra CDD *	pg/g	0.177	0.127	0.998			1	7162596
Total Penta CDD *	pg/g	<0.110	0.110	4.99			0	7162596
Total Hexa CDD *	pg/g	0.174	0.104	4.99			1	7162596
Total Hepta CDD *	pg/g	<0.128	0.128	4.99			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.645	0.137	0.998	0.100	0.0645		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.148	0.148	4.99	0.0300	0.00444		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.135	0.135	4.99	0.300	0.0405		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.105	0.105	4.99	0.100	0.0105		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.108	0.108	4.99	0.100	0.0108		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.102	0.102	4.99	0.100	0.0102		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.109	0.109	4.99	0.100	0.0109		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.116	0.116	4.99	0.0100	0.00116		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.113	0.113	4.99	0.0100	0.00113		7162596
Octa CDF **	pg/g	<0.143	0.143	9.98	0.000300	0.0000429		7162596
Total Tetra CDF **	pg/g	2.48	0.137	0.998			5	7162596
Total Penta CDF **	pg/g	<0.142	0.142	4.99			0	7162596
Total Hexa CDF **	pg/g	<0.106	0.106	4.99			0	7162596
Total Hepta CDF **	pg/g	<0.114	0.114	4.99			0	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.430		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	84						7162596
C13-1234678 HeptaCDD *	%	90						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA240						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-59	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	92						7162596
C13-123478 HexaCDD *	%	94						7162596
C13-123478 HexaCDF **	%	93						7162596
C13-1234789 HeptaCDF **	%	89						7162596
C13-123678 HexaCDD *	%	101						7162596
C13-123678 HexaCDF **	%	95						7162596
C13-12378 PentaCDD *	%	88						7162596
C13-12378 PentaCDF **	%	78						7162596
C13-123789 HexaCDF **	%	103						7162596
C13-234678 HexaCDF **	%	90						7162596
C13-23478 PentaCDF **	%	100						7162596
C13-2378 TetraCDD *	%	79						7162596
C13-2378 TetraCDF **	%	79						7162596
C13-OCDD *	%	69						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA241						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-60	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.143	0.143	0.992	1.00	0.143		7162596
1,2,3,7,8-Penta CDD *	pg/g	<0.139	0.139	4.96	1.00	0.139		7162596
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.129	0.129	4.96	0.100	0.0129		7162596
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.130	0.130	4.96	0.100	0.0130		7162596
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.137	0.137	4.96	0.100	0.0137		7162596
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.126	0.126	4.96	0.0100	0.00126		7162596
Octa CDD *	pg/g	0.175	0.129	9.92	0.000300	0.0000525		7162596
Total Tetra CDD *	pg/g	0.207	0.143	0.992			1	7162596
Total Penta CDD *	pg/g	<0.139	0.139	4.96			0	7162596
Total Hexa CDD *	pg/g	<0.134	0.134	4.96			0	7162596
Total Hepta CDD *	pg/g	<0.126	0.126	4.96			0	7162596
2,3,7,8-Tetra CDF **	pg/g	0.639	0.144	0.992	0.100	0.0639		7162596
1,2,3,7,8-Penta CDF **	pg/g	<0.138	0.138	4.96	0.0300	0.00414		7162596
2,3,4,7,8-Penta CDF **	pg/g	<0.126	0.126	4.96	0.300	0.0378		7162596
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.140	0.140	4.96	0.100	0.0140		7162596
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.143	0.143	4.96	0.100	0.0143		7162596
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.135	0.135	4.96	0.100	0.0135		7162596
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.144	0.144	4.96	0.100	0.0144		7162596
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.548	0.104	4.96	0.0100	0.00548		7162596
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.101	0.101	4.96	0.0100	0.00101		7162596
Octa CDF **	pg/g	<0.176	0.176	9.92	0.000300	0.0000528		7162596
Total Tetra CDF **	pg/g	2.75	0.144	0.992			5	7162596
Total Penta CDF **	pg/g	<0.132	0.132	4.96			0	7162596
Total Hexa CDF **	pg/g	<0.141	0.141	4.96			0	7162596
Total Hepta CDF **	pg/g	0.871	0.102	4.96			2	7162596
TOTAL TOXIC EQUIVALENCY	pg/g					0.491		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89						7162596
C13-1234678 HeptaCDD *	%	90						7162596

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA241						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-HEP-60	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	95						7162596
C13-123478 HexaCDD *	%	93						7162596
C13-123478 HexaCDF **	%	93						7162596
C13-1234789 HeptaCDF **	%	92						7162596
C13-123678 HexaCDD *	%	101						7162596
C13-123678 HexaCDF **	%	94						7162596
C13-12378 PentaCDD *	%	94						7162596
C13-12378 PentaCDF **	%	85						7162596
C13-123789 HexaCDF **	%	104						7162596
C13-234678 HexaCDF **	%	85						7162596
C13-23478 PentaCDF **	%	107						7162596
C13-2378 TetraCDD *	%	83						7162596
C13-2378 TetraCDF **	%	85						7162596
C13-OCDD *	%	67						7162596

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0248	0.0248	0.973	1.00	0.0248	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0194	0.0194	4.86	1.00	0.0194	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0170	0.0170	4.86	0.100	0.00170	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0109	0.0109	4.86	0.100	0.00109	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0115	0.0115	4.86	0.100	0.00115	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0840	0.0840	4.86	0.0100	0.000840	0	7103429
Octa CDD *	pg/g	<0.231	0.231	9.73	0.000300	0.0000693	0	7103429
Total Tetra CDD *	pg/g	<0.0440	0.0440	0.973			0	7103429
Total Penta CDD *	pg/g	<0.0194	0.0194	4.86			0	7103429
Total Hexa CDD *	pg/g	<0.0420	0.0420	4.86			0	7103429
Total Hepta CDD *	pg/g	<0.0830	0.0830	4.86			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0133	0.0133	0.973	0.100	0.00133	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0620	0.0620	4.86	0.0300	0.00186	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0140	0.0140	4.86	0.300	0.00420	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0250	0.0250	4.86	0.100	0.00250	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0210	0.0210	4.86	0.100	0.00210	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0130	0.0130	4.86	0.100	0.00130	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0300	0.0300	4.86	0.100	0.00300	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0680	0.0680	4.86	0.0100	0.000680	0	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0110	0.0110	4.86	0.0100	0.000110	0	7103429
Octa CDF **	pg/g	<0.0970	0.0970	9.73	0.000300	0.0000291	0	7103429
Total Tetra CDF **	pg/g	<0.0133	0.0133	0.973			0	7103429
Total Penta CDF **	pg/g	<0.0530	0.0530	4.86			0	7103429
Total Hexa CDF **	pg/g	0.0263	0.00741	4.86			1	7103429
Total Hepta CDF **	pg/g	0.0842	0.00966	4.86			1	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0662		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	81						7103429
C13-1234678 HeptaCDD *	%	78						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA242						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-01	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	69						7103429
C13-123478 HexaCDD *	%	86						7103429
C13-123478 HexaCDF **	%	78						7103429
C13-1234789 HeptaCDF **	%	66						7103429
C13-123678 HexaCDD *	%	95						7103429
C13-123678 HexaCDF **	%	74						7103429
C13-12378 PentaCDD *	%	104						7103429
C13-12378 PentaCDF **	%	76						7103429
C13-123789 HexaCDF **	%	82						7103429
C13-234678 HexaCDF **	%	78						7103429
C13-23478 PentaCDF **	%	90						7103429
C13-2378 TetraCDD *	%	75						7103429
C13-2378 TetraCDF **	%	67						7103429
C13-OCDD *	%	73						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0184	0.0184	1.00	1.00	0.0184	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0134	0.0134	5.00	1.00	0.0134	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.00996	0.00996	5.00	0.100	0.000996	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.00868	0.00868	5.00	0.100	0.000868	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.00896	0.00896	5.00	0.100	0.000896	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0600	0.0600	5.00	0.0100	0.000600	0	7103429
Octa CDD *	pg/g	0.0746	0.0168	10.0	0.000300	0.0000224	1	7103429
Total Tetra CDD *	pg/g	<0.0230	0.0230	1.00			0	7103429
Total Penta CDD *	pg/g	<0.0250	0.0250	5.00			0	7103429
Total Hexa CDD *	pg/g	<0.0430	0.0430	5.00			0	7103429
Total Hepta CDD *	pg/g	<0.0600	0.0600	5.00			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0260	0.0260	1.00	0.100	0.00260	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0340	0.0340	5.00	0.0300	0.00102	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0120	0.0120	5.00	0.300	0.00360	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0140	0.0140	5.00	0.100	0.00140	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0160	0.0160	5.00	0.100	0.00160	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0220	0.0220	5.00	0.100	0.00220	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0140	0.0140	5.00	0.100	0.00140	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0290	0.0290	5.00	0.0100	0.000290	0	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.00996	0.00996	5.00	0.0100	0.0000996	0	7103429
Octa CDF **	pg/g	<0.0320	0.0320	10.0	0.000300	0.00000960	0	7103429
Total Tetra CDF **	pg/g	<0.0260	0.0260	1.00			0	7103429
Total Penta CDF **	pg/g	<0.0310	0.0310	5.00			0	7103429
Total Hexa CDF **	pg/g	<0.0230	0.0230	5.00			0	7103429
Total Hepta CDF **	pg/g	<0.0320	0.0320	5.00			0	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0494		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	99						7103429
C13-1234678 HeptaCDD *	%	88						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA243						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-02	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	80						7103429
C13-123478 HexaCDD *	%	95						7103429
C13-123478 HexaCDF **	%	92						7103429
C13-1234789 HeptaCDF **	%	76						7103429
C13-123678 HexaCDD *	%	101						7103429
C13-123678 HexaCDF **	%	86						7103429
C13-12378 PentaCDD *	%	108						7103429
C13-12378 PentaCDF **	%	86						7103429
C13-123789 HexaCDF **	%	92						7103429
C13-234678 HexaCDF **	%	88						7103429
C13-23478 PentaCDF **	%	90						7103429
C13-2378 TetraCDD *	%	86						7103429
C13-2378 TetraCDF **	%	72						7103429
C13-OCDD *	%	87						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0272	0.0272	0.991	1.00	0.0272	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0220	0.0220	4.96	1.00	0.0220	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	0.0257	0.0141	4.96	0.100	0.00257	1	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0240	0.0240	4.96	0.100	0.00240	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0260	0.0260	4.96	0.100	0.00260	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.106	0.106	4.96	0.0100	0.00106	0	7103429
Octa CDD *	pg/g	0.268	0.0201	9.91	0.000300	0.0000804	1	7103429
Total Tetra CDD *	pg/g	<0.0280	0.0280	0.991			0	7103429
Total Penta CDD *	pg/g	<0.0220	0.0220	4.96			0	7103429
Total Hexa CDD *	pg/g	0.0257	0.0127	4.96			1	7103429
Total Hepta CDD *	pg/g	<0.104	0.104	4.96			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0510	0.0510	0.991	0.100	0.00510	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	0.0613	0.0129	4.96	0.0300	0.00184	1	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0120	0.0120	4.96	0.300	0.00360	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0400	0.0400	4.96	0.100	0.00400	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0460	0.0460	4.96	0.100	0.00460	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	0.0316	0.00909	4.96	0.100	0.00316	1	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0330	0.0330	4.96	0.100	0.00330	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0690	0.0690	4.96	0.0100	0.000690	0	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0220	0.0220	4.96	0.0100	0.000220	0	7103429
Octa CDF **	pg/g	0.166	0.0188	9.91	0.000300	0.0000498	1	7103429
Total Tetra CDF **	pg/g	<0.0510	0.0510	0.991			0	7103429
Total Penta CDF **	pg/g	0.0613	0.0113	4.96			1	7103429
Total Hexa CDF **	pg/g	0.0316	0.00941	4.96			1	7103429
Total Hepta CDF **	pg/g	<0.0950	0.0950	4.96			0	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0845		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	93						7103429
C13-1234678 HeptaCDD *	%	89						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA258						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-03	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	80						7103429
C13-123478 HexaCDD *	%	92						7103429
C13-123478 HexaCDF **	%	88						7103429
C13-1234789 HeptaCDF **	%	77						7103429
C13-123678 HexaCDD *	%	101						7103429
C13-123678 HexaCDF **	%	84						7103429
C13-12378 PentaCDD *	%	116						7103429
C13-12378 PentaCDF **	%	85						7103429
C13-123789 HexaCDF **	%	91						7103429
C13-234678 HexaCDF **	%	89						7103429
C13-23478 PentaCDF **	%	97						7103429
C13-2378 TetraCDD *	%	80						7103429
C13-2378 TetraCDF **	%	71						7103429
C13-OCDD *	%	81						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0226	0.0226	0.963	1.00	0.0226	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0130	0.0130	4.82	1.00	0.0130	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0154	0.0154	4.82	0.100	0.00154	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0260	0.0260	4.82	0.100	0.00260	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0170	0.0170	4.82	0.100	0.00170	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.188	0.0147	4.82	0.0100	0.00188	1	7103429
Octa CDD *	pg/g	0.463	0.0228	9.63	0.000300	0.000139	1	7103429
Total Tetra CDD *	pg/g	<0.0300	0.0300	0.963			0	7103429
Total Penta CDD *	pg/g	<0.0210	0.0210	4.82			0	7103429
Total Hexa CDD *	pg/g	0.0353	0.0139	4.82			1	7103429
Total Hepta CDD *	pg/g	0.376	0.0147	4.82			2	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0300	0.0300	0.963	0.100	0.00300	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	0.0424	0.00878	4.82	0.0300	0.00127	1	7103429
2,3,4,7,8-Penta CDF **	pg/g	0.0255	0.00690	4.82	0.300	0.00765	1	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0430	0.0430	4.82	0.100	0.00430	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0230	0.0230	4.82	0.100	0.00230	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0240	0.0240	4.82	0.100	0.00240	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0290	0.0290	4.82	0.100	0.00290	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.172	0.0127	4.82	0.0100	0.00172	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.0236	0.0160	4.82	0.0100	0.000236	1	7103429
Octa CDF **	pg/g	0.272	0.0170	9.63	0.000300	0.0000816	1	7103429
Total Tetra CDF **	pg/g	<0.0300	0.0300	0.963			0	7103429
Total Penta CDF **	pg/g	0.152	0.00775	4.82			5	7103429
Total Hexa CDF **	pg/g	<0.0580	0.0580	4.82			0	7103429
Total Hepta CDF **	pg/g	0.408	0.0142	4.82			4	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0693		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	87						7103429
C13-1234678 HeptaCDD *	%	86						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA266						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-04	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	77						7103429
C13-123478 HexaCDD *	%	93						7103429
C13-123478 HexaCDF **	%	86						7103429
C13-1234789 HeptaCDF **	%	73						7103429
C13-123678 HexaCDD *	%	102						7103429
C13-123678 HexaCDF **	%	83						7103429
C13-12378 PentaCDD *	%	105						7103429
C13-12378 PentaCDF **	%	76						7103429
C13-123789 HexaCDF **	%	88						7103429
C13-234678 HexaCDF **	%	85						7103429
C13-23478 PentaCDF **	%	85						7103429
C13-2378 TetraCDD *	%	76						7103429
C13-2378 TetraCDF **	%	63						7103429
C13-OCDD *	%	79						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

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BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0230	0.0230	0.973	1.00	0.0230	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0154	0.0154	4.87	1.00	0.0154	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0198	0.0198	4.87	0.100	0.00198	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0179	0.0179	4.87	0.100	0.00179	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0182	0.0182	4.87	0.100	0.00182	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0700	0.0700	4.87	0.0100	0.000700	0	7103429
Octa CDD *	pg/g	0.170	0.0178	9.73	0.000300	0.0000510	1	7103429
Total Tetra CDD *	pg/g	<0.0230	0.0230	0.973			0	7103429
Total Penta CDD *	pg/g	<0.0280	0.0280	4.87			0	7103429
Total Hexa CDD *	pg/g	<0.0580	0.0580	4.87			0	7103429
Total Hepta CDD *	pg/g	<0.0690	0.0690	4.87			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0260	0.0260	0.973	0.100	0.00260	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0207	0.0207	4.87	0.0300	0.000621	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0161	0.0161	4.87	0.300	0.00483	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0290	0.0290	4.87	0.100	0.00290	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0110	0.0110	4.87	0.100	0.00110	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0111	0.0111	4.87	0.100	0.00111	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0150	0.0150	4.87	0.100	0.00150	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.0720	0.0720	4.87	0.0100	0.000720	0	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0122	0.0122	4.87	0.0100	0.000122	0	7103429
Octa CDF **	pg/g	<0.0590	0.0590	9.73	0.000300	0.0000177	0	7103429
Total Tetra CDF **	pg/g	<0.0260	0.0260	0.973			0	7103429
Total Penta CDF **	pg/g	<0.0182	0.0182	4.87			0	7103429
Total Hexa CDF **	pg/g	0.0337	0.0101	4.87			1	7103429
Total Hepta CDF **	pg/g	0.0833	0.0109	4.87			1	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0603		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	80						7103429
C13-1234678 HeptaCDD *	%	91						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA285						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-05	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	90						7103429
C13-123478 HexaCDD *	%	79						7103429
C13-123478 HexaCDF **	%	79						7103429
C13-1234789 HeptaCDF **	%	87						7103429
C13-123678 HexaCDD *	%	80						7103429
C13-123678 HexaCDF **	%	77						7103429
C13-12378 PentaCDD *	%	91						7103429
C13-12378 PentaCDF **	%	63						7103429
C13-123789 HexaCDF **	%	90						7103429
C13-234678 HexaCDF **	%	71						7103429
C13-23478 PentaCDF **	%	71						7103429
C13-2378 TetraCDD *	%	71						7103429
C13-2378 TetraCDF **	%	62						7103429
C13-OCDD *	%	81						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0301	0.0301	0.959	1.00	0.0301	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0136	0.0136	4.79	1.00	0.0136	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0116	0.0116	4.79	0.100	0.00116	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0108	0.0108	4.79	0.100	0.00108	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0108	0.0108	4.79	0.100	0.00108	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0700	0.0700	4.79	0.0100	0.000700	0	7103429
Octa CDD *	pg/g	0.113	0.0154	9.59	0.000300	0.0000339	1	7103429
Total Tetra CDD *	pg/g	<0.0301	0.0301	0.959			0	7103429
Total Penta CDD *	pg/g	<0.0190	0.0190	4.79			0	7103429
Total Hexa CDD *	pg/g	<0.0330	0.0330	4.79			0	7103429
Total Hepta CDD *	pg/g	<0.0700	0.0700	4.79			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0340	0.0340	0.959	0.100	0.00340	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	0.0471	0.0147	4.79	0.0300	0.00141	1	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0112	0.0112	4.79	0.300	0.00336	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.00900	0.00900	4.79	0.100	0.000900	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0190	0.0190	4.79	0.100	0.00190	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	0.0197	0.00579	4.79	0.100	0.00197	1	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0130	0.0130	4.79	0.100	0.00130	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0657	0.00873	4.79	0.0100	0.000657	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0109	0.0109	4.79	0.0100	0.000109	0	7103429
Octa CDF **	pg/g	0.0750	0.0115	9.59	0.000300	0.0000225	1	7103429
Total Tetra CDF **	pg/g	<0.0340	0.0340	0.959			0	7103429
Total Penta CDF **	pg/g	0.0880	0.0128	4.79			2	7103429
Total Hexa CDF **	pg/g	0.0197	0.00601	4.79			1	7103429
Total Hepta CDF **	pg/g	0.157	0.00967	4.79			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0628		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	89						7103429
C13-1234678 HeptaCDD *	%	92						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA316						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-06	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	83						7103429
C13-123478 HexaCDD *	%	94						7103429
C13-123478 HexaCDF **	%	84						7103429
C13-1234789 HeptaCDF **	%	80						7103429
C13-123678 HexaCDD *	%	94						7103429
C13-123678 HexaCDF **	%	83						7103429
C13-12378 PentaCDD *	%	110						7103429
C13-12378 PentaCDF **	%	80						7103429
C13-123789 HexaCDF **	%	92						7103429
C13-234678 HexaCDF **	%	88						7103429
C13-23478 PentaCDF **	%	92						7103429
C13-2378 TetraCDD *	%	75						7103429
C13-2378 TetraCDF **	%	66						7103429
C13-OCDD *	%	82						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0556	0.0556	0.997	1.00	0.0556	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0516	0.0516	4.99	1.00	0.0516	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0444	0.0444	4.99	0.100	0.00444	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0424	0.0424	4.99	0.100	0.00424	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0419	0.0419	4.99	0.100	0.00419	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.118 (1)	0.118	4.99	0.0100	0.00118	0	7103429
Octa CDD *	pg/g	0.266	0.0633	9.97	0.000300	0.0000798	1	7103429
Total Tetra CDD *	pg/g	<0.0556	0.0556	0.997			0	7103429
Total Penta CDD *	pg/g	<0.0516	0.0516	4.99			0	7103429
Total Hexa CDD *	pg/g	<0.0429	0.0429	4.99			0	7103429
Total Hepta CDD *	pg/g	<0.117	0.117	4.99			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0399	0.0399	0.997	0.100	0.00399	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0488	0.0488	4.99	0.0300	0.00146	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0362	0.0362	4.99	0.300	0.0109	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	0.0432	0.0311	4.99	0.100	0.00432	1	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0299	0.0299	4.99	0.100	0.00299	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0300	0.0300	4.99	0.100	0.00300	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0306	0.0306	4.99	0.100	0.00306	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.310	0.0315	4.99	0.0100	0.00310	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0379	0.0379	4.99	0.0100	0.000379	0	7103429
Octa CDF **	pg/g	0.206	0.0442	9.97	0.000300	0.0000618	1	7103429
Total Tetra CDF **	pg/g	<0.0399	0.0399	0.997			0	7103429
Total Penta CDF **	pg/g	<0.0418	0.0418	4.99			0	7103429
Total Hexa CDF **	pg/g	0.203	0.0304	4.99			3	7103429
Total Hepta CDF **	pg/g	0.580	0.0344	4.99			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.155		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	92						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA353						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-07	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	91						7103429
C13-1234678 HeptaCDF **	%	85						7103429
C13-123478 HexaCDD *	%	99						7103429
C13-123478 HexaCDF **	%	86						7103429
C13-1234789 HeptaCDF **	%	85						7103429
C13-123678 HexaCDD *	%	95						7103429
C13-123678 HexaCDF **	%	84						7103429
C13-12378 PentaCDD *	%	114						7103429
C13-12378 PentaCDF **	%	83						7103429
C13-123789 HexaCDF **	%	94						7103429
C13-234678 HexaCDF **	%	87						7103429
C13-23478 PentaCDF **	%	97						7103429
C13-2378 TetraCDD *	%	80						7103429
C13-2378 TetraCDF **	%	70						7103429
C13-OCDD *	%	95						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0812	0.0812	0.990	1.00	0.0812	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.117	0.117	4.95	1.00	0.117	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0729	0.0729	4.95	0.100	0.00729	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0675	0.0675	4.95	0.100	0.00675	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0677	0.0677	4.95	0.100	0.00677	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0723 (1)	0.0723	4.95	0.0100	0.000723	0	7103429
Octa CDD *	pg/g	0.123	0.0870	9.90	0.000300	0.0000369	1	7103429
Total Tetra CDD *	pg/g	<0.0812	0.0812	0.990			0	7103429
Total Penta CDD *	pg/g	<0.117	0.117	4.95			0	7103429
Total Hexa CDD *	pg/g	<0.0693	0.0693	4.95			0	7103429
Total Hepta CDD *	pg/g	<0.0740	0.0740	4.95			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0540	0.0540	0.990	0.100	0.00540	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0722	0.0722	4.95	0.0300	0.00217	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0553	0.0553	4.95	0.300	0.0166	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0534	0.0534	4.95	0.100	0.00534	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0516	0.0516	4.95	0.100	0.00516	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0513	0.0513	4.95	0.100	0.00513	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0548	0.0548	4.95	0.100	0.00548	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0489	0.0402	4.95	0.0100	0.000489	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0495	0.0495	4.95	0.0100	0.000495	0	7103429
Octa CDF **	pg/g	<0.0783	0.0783	9.90	0.000300	0.0000235	0	7103429
Total Tetra CDF **	pg/g	<0.0540	0.0540	0.990			0	7103429
Total Penta CDF **	pg/g	<0.0629	0.0629	4.95			0	7103429
Total Hexa CDF **	pg/g	<0.0527	0.0527	4.95			0	7103429
Total Hepta CDF **	pg/g	0.101	0.0443	4.95			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.266		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	85						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA394						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-08	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	71						7103429
C13-1234678 HeptaCDF **	%	72						7103429
C13-123478 HexaCDD *	%	84						7103429
C13-123478 HexaCDF **	%	76						7103429
C13-1234789 HeptaCDF **	%	70						7103429
C13-123678 HexaCDD *	%	83						7103429
C13-123678 HexaCDF **	%	74						7103429
C13-12378 PentaCDD *	%	84						7103429
C13-12378 PentaCDF **	%	67						7103429
C13-123789 HexaCDF **	%	79						7103429
C13-234678 HexaCDF **	%	77						7103429
C13-23478 PentaCDF **	%	76						7103429
C13-2378 TetraCDD *	%	72						7103429
C13-2378 TetraCDF **	%	65						7103429
C13-OCDD *	%	69						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.109	0.109	0.953	1.00	0.109	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0864	0.0864	4.77	1.00	0.0864	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0727	0.0727	4.77	0.100	0.00727	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0645	0.0645	4.77	0.100	0.00645	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0660	0.0660	4.77	0.100	0.00660	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.107 (1)	0.107	4.77	0.0100	0.00107	0	7103429
Octa CDD *	pg/g	0.165	0.0973	9.53	0.000300	0.0000495	1	7103429
Total Tetra CDD *	pg/g	<0.109	0.109	0.953			0	7103429
Total Penta CDD *	pg/g	<0.0864	0.0864	4.77			0	7103429
Total Hexa CDD *	pg/g	<0.0676	0.0676	4.77			0	7103429
Total Hepta CDD *	pg/g	<0.0922	0.0922	4.77			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0515	0.0515	0.953	0.100	0.00515	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0720	0.0720	4.77	0.0300	0.00216	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0592	0.0592	4.77	0.300	0.0178	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0501	0.0501	4.77	0.100	0.00501	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0513	0.0513	4.77	0.100	0.00513	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0511	0.0511	4.77	0.100	0.00511	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0527	0.0527	4.77	0.100	0.00527	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0866	0.0387	4.77	0.0100	0.000866	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0477	0.0477	4.77	0.0100	0.000477	0	7103429
Octa CDF **	pg/g	<0.0876	0.0876	9.53	0.000300	0.0000263	0	7103429
Total Tetra CDF **	pg/g	<0.0515	0.0515	0.953			0	7103429
Total Penta CDF **	pg/g	<0.0651	0.0651	4.77			0	7103429
Total Hexa CDF **	pg/g	<0.0512	0.0512	4.77			0	7103429
Total Hepta CDF **	pg/g	0.187	0.0427	4.77			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.264		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA426						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-09	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	78						7103429
C13-1234678 HeptaCDF **	%	78						7103429
C13-123478 HexaCDD *	%	88						7103429
C13-123478 HexaCDF **	%	86						7103429
C13-1234789 HeptaCDF **	%	76						7103429
C13-123678 HexaCDD *	%	91						7103429
C13-123678 HexaCDF **	%	79						7103429
C13-12378 PentaCDD *	%	97						7103429
C13-12378 PentaCDF **	%	81						7103429
C13-123789 HexaCDF **	%	87						7103429
C13-234678 HexaCDF **	%	82						7103429
C13-23478 PentaCDF **	%	86						7103429
C13-2378 TetraCDD *	%	78						7103429
C13-2378 TetraCDF **	%	74						7103429
C13-OCDD *	%	71						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0736	0.0736	0.983	1.00	0.0736	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0975	0.0975	4.92	1.00	0.0975	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0731	0.0731	4.92	0.100	0.00731	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0629	0.0629	4.92	0.100	0.00629	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0653	0.0653	4.92	0.100	0.00653	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0707 (1)	0.0707	4.92	0.0100	0.000707	0	7103429
Octa CDD *	pg/g	0.223	0.0843	9.83	0.000300	0.0000669	1	7103429
Total Tetra CDD *	pg/g	<0.0736	0.0736	0.983			0	7103429
Total Penta CDD *	pg/g	<0.0975	0.0975	4.92			0	7103429
Total Hexa CDD *	pg/g	<0.0668	0.0668	4.92			0	7103429
Total Hepta CDD *	pg/g	<0.0840	0.0840	4.92			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0603	0.0603	0.983	0.100	0.00603	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0836	0.0836	4.92	0.0300	0.00251	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0670	0.0670	4.92	0.300	0.0201	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0577	0.0577	4.92	0.100	0.00577	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0560	0.0560	4.92	0.100	0.00560	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0551	0.0551	4.92	0.100	0.00551	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0578	0.0578	4.92	0.100	0.00578	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.369	0.0501	4.92	0.0100	0.00369	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0591	0.0591	4.92	0.0100	0.000591	0	7103429
Octa CDF **	pg/g	0.127	0.0724	9.83	0.000300	0.0000381	1	7103429
Total Tetra CDF **	pg/g	<0.0603	0.0603	0.983			0	7103429
Total Penta CDF **	pg/g	<0.0746	0.0746	4.92			0	7103429
Total Hexa CDF **	pg/g	<0.101	0.101	4.92			0	7103429
Total Hepta CDF **	pg/g	0.369	0.0542	4.92			1	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.248		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	74						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA440						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-10	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	81						7103429
C13-1234678 HeptaCDF **	%	79						7103429
C13-123478 HexaCDD *	%	80						7103429
C13-123478 HexaCDF **	%	79						7103429
C13-1234789 HeptaCDF **	%	80						7103429
C13-123678 HexaCDD *	%	86						7103429
C13-123678 HexaCDF **	%	77						7103429
C13-12378 PentaCDD *	%	83						7103429
C13-12378 PentaCDF **	%	66						7103429
C13-123789 HexaCDF **	%	84						7103429
C13-234678 HexaCDF **	%	80						7103429
C13-23478 PentaCDF **	%	72						7103429
C13-2378 TetraCDD *	%	66						7103429
C13-2378 TetraCDF **	%	66						7103429
C13-OCDD *	%	78						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0631	0.0631	0.917	1.00	0.0631	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0725	0.0725	4.58	1.00	0.0725	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0657	0.0657	4.58	0.100	0.00657	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0604	0.0604	4.58	0.100	0.00604	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0608	0.0608	4.58	0.100	0.00608	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.233	0.0389	4.58	0.0100	0.00233	1	7103429
Octa CDD *	pg/g	0.778	0.0911	9.17	0.000300	0.000233	1	7103429
Total Tetra CDD *	pg/g	<0.0631	0.0631	0.917			0	7103429
Total Penta CDD *	pg/g	<0.0725	0.0725	4.58			0	7103429
Total Hexa CDD *	pg/g	0.0776	0.0622	4.58			1	7103429
Total Hepta CDD *	pg/g	0.350	0.0389	4.58			2	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0500	0.0500	0.917	0.100	0.00500	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0608	0.0608	4.58	0.0300	0.00182	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0473	0.0473	4.58	0.300	0.0142	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0660 (1)	0.0660	4.58	0.100	0.00660	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0400	0.0400	4.58	0.100	0.00400	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0390	0.0390	4.58	0.100	0.00390	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0402	0.0402	4.58	0.100	0.00402	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	4.18	0.0382	4.58	0.0100	0.0418	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0476	0.0476	4.58	0.0100	0.000476	0	7103429
Octa CDF **	pg/g	1.19	0.0653	9.17	0.000300	0.000357	1	7103429
Total Tetra CDF **	pg/g	<0.0500	0.0500	0.917			0	7103429
Total Penta CDF **	pg/g	0.0809	0.0534	4.58			1	7103429
Total Hexa CDF **	pg/g	1.93	0.0394	4.58			3	7103429
Total Hepta CDF **	pg/g	6.91	0.0423	4.58			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.239		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	90						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA441						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-11	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	87						7103429
C13-1234678 HeptaCDF **	%	82						7103429
C13-123478 HexaCDD *	%	93						7103429
C13-123478 HexaCDF **	%	84						7103429
C13-1234789 HeptaCDF **	%	79						7103429
C13-123678 HexaCDD *	%	94						7103429
C13-123678 HexaCDF **	%	84						7103429
C13-12378 PentaCDD *	%	100						7103429
C13-12378 PentaCDF **	%	77						7103429
C13-123789 HexaCDF **	%	91						7103429
C13-234678 HexaCDF **	%	85						7103429
C13-23478 PentaCDF **	%	87						7103429
C13-2378 TetraCDD *	%	78						7103429
C13-2378 TetraCDF **	%	68						7103429
C13-OCDD *	%	87						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

BV Labs - Partial/Rush Results

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0750	0.0750	0.970	1.00	0.0750	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0722	0.0722	4.85	1.00	0.0722	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0491	0.0491	4.85	0.100	0.00491	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0419	0.0419	4.85	0.100	0.00419	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0437	0.0437	4.85	0.100	0.00437	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0582	0.0582	4.85	0.0100	0.000582	0	7103429
Octa CDD *	pg/g	<0.0840	0.0840	9.70	0.000300	0.0000252	0	7103429
Total Tetra CDD *	pg/g	<0.0750	0.0750	0.970			0	7103429
Total Penta CDD *	pg/g	<0.0722	0.0722	4.85			0	7103429
Total Hexa CDD *	pg/g	<0.0447	0.0447	4.85			0	7103429
Total Hepta CDD *	pg/g	<0.0582	0.0582	4.85			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0585	0.0585	0.970	0.100	0.00585	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0680	0.0680	4.85	0.0300	0.00204	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0546	0.0546	4.85	0.300	0.0164	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0558	0.0558	4.85	0.100	0.00558	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0551	0.0551	4.85	0.100	0.00551	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0555	0.0555	4.85	0.100	0.00555	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0581	0.0581	4.85	0.100	0.00581	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.0718	0.0466	4.85	0.0100	0.000718	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0579	0.0579	4.85	0.0100	0.000579	0	7103429
Octa CDF **	pg/g	<0.0790	0.0790	9.70	0.000300	0.0000237	0	7103429
Total Tetra CDF **	pg/g	<0.0585	0.0585	0.970			0	7103429
Total Penta CDF **	pg/g	<0.0608	0.0608	4.85			0	7103429
Total Hexa CDF **	pg/g	<0.0560	0.0560	4.85			0	7103429
Total Hepta CDF **	pg/g	0.0718	0.0516	4.85			1	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.209		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7103429
C13-1234678 HeptaCDD *	%	81						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA449						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-12	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	76						7103429
C13-123478 HexaCDD *	%	90						7103429
C13-123478 HexaCDF **	%	86						7103429
C13-1234789 HeptaCDF **	%	73						7103429
C13-123678 HexaCDD *	%	98						7103429
C13-123678 HexaCDF **	%	82						7103429
C13-12378 PentaCDD *	%	95						7103429
C13-12378 PentaCDF **	%	76						7103429
C13-123789 HexaCDF **	%	88						7103429
C13-234678 HexaCDF **	%	83						7103429
C13-23478 PentaCDF **	%	83						7103429
C13-2378 TetraCDD *	%	76						7103429
C13-2378 TetraCDF **	%	67						7103429
C13-OCDD *	%	78						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0268	0.0268	0.942	1.00	0.0268	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0148	0.0148	4.71	1.00	0.0148	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0160	0.0160	4.71	0.100	0.00160	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0320	0.0320	4.71	0.100	0.00320	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0290	0.0290	4.71	0.100	0.00290	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0630	0.0630	4.71	0.0100	0.000630	0	7103429
Octa CDD *	pg/g	<0.138 (1)	0.138	9.42	0.000300	0.0000414	0	7103429
Total Tetra CDD *	pg/g	<0.0268	0.0268	0.942			0	7103429
Total Penta CDD *	pg/g	<0.0210	0.0210	4.71			0	7103429
Total Hexa CDD *	pg/g	<0.0430	0.0430	4.71			0	7103429
Total Hepta CDD *	pg/g	<0.0620	0.0620	4.71			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0630	0.0630	0.942	0.100	0.00630	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	0.0517	0.0164	4.71	0.0300	0.00155	1	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0320	0.0320	4.71	0.300	0.00960	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0320	0.0320	4.71	0.100	0.00320	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0270	0.0270	4.71	0.100	0.00270	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0390	0.0390	4.71	0.100	0.00390	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0300	0.0300	4.71	0.100	0.00300	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.357	0.0106	4.71	0.0100	0.00357	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0370	0.0370	4.71	0.0100	0.000370	0	7103429
Octa CDF **	pg/g	0.106	0.0131	9.42	0.000300	0.0000318	1	7103429
Total Tetra CDF **	pg/g	<0.0140	0.0140	0.942			0	7103429
Total Penta CDF **	pg/g	0.0517	0.0140	4.71			1	7103429
Total Hexa CDF **	pg/g	<0.0900	0.0900	4.71			0	7103429
Total Hepta CDF **	pg/g	0.535	0.0115	4.71			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0842		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	94						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA450						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-13	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	94						7103429
C13-1234678 HeptaCDF **	%	75						7103429
C13-123478 HexaCDD *	%	86						7103429
C13-123478 HexaCDF **	%	69						7103429
C13-1234789 HeptaCDF **	%	86						7103429
C13-123678 HexaCDD *	%	85						7103429
C13-123678 HexaCDF **	%	61						7103429
C13-12378 PentaCDD *	%	112						7103429
C13-12378 PentaCDF **	%	78						7103429
C13-123789 HexaCDF **	%	83						7103429
C13-234678 HexaCDF **	%	69						7103429
C13-23478 PentaCDF **	%	96						7103429
C13-2378 TetraCDD *	%	79						7103429
C13-2378 TetraCDF **	%	72						7103429
C13-OCDD *	%	118						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0232	0.0232	0.939	1.00	0.0232	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0141	0.0141	4.70	1.00	0.0141	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0350	0.0350	4.70	0.100	0.00350	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0126	0.0126	4.70	0.100	0.00126	0	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0130	0.0130	4.70	0.100	0.00130	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	<0.0710	0.0710	4.70	0.0100	0.000710	0	7103429
Octa CDD *	pg/g	0.202	0.0289	9.39	0.000300	0.0000606	1	7103429
Total Tetra CDD *	pg/g	<0.0320	0.0320	0.939			0	7103429
Total Penta CDD *	pg/g	<0.0290	0.0290	4.70			0	7103429
Total Hexa CDD *	pg/g	<0.0260	0.0260	4.70			0	7103429
Total Hepta CDD *	pg/g	<0.0700	0.0700	4.70			0	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.0113	0.0113	0.939	0.100	0.00113	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0120	0.0120	4.70	0.0300	0.000360	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.00923	0.00923	4.70	0.300	0.00277	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0220	0.0220	4.70	0.100	0.00220	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.00901	0.00901	4.70	0.100	0.000901	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.0120	0.0120	4.70	0.100	0.00120	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0180	0.0180	4.70	0.100	0.00180	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.107	0.00856	4.70	0.0100	0.00107	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0105	0.0105	4.70	0.0100	0.000105	0	7103429
Octa CDF **	pg/g	0.154	0.0216	9.39	0.000300	0.0000462	1	7103429
Total Tetra CDF **	pg/g	<0.0210	0.0210	0.939			0	7103429
Total Penta CDF **	pg/g	<0.0280	0.0280	4.70			0	7103429
Total Hexa CDF **	pg/g	<0.0390	0.0390	4.70			0	7103429
Total Hepta CDF **	pg/g	0.229	0.00942	4.70			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0557		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	88						7103429
C13-1234678 HeptaCDD *	%	107						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA463						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-14	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	108						7103429
C13-123478 HexaCDD *	%	97						7103429
C13-123478 HexaCDF **	%	95						7103429
C13-1234789 HeptaCDF **	%	105						7103429
C13-123678 HexaCDD *	%	102						7103429
C13-123678 HexaCDF **	%	91						7103429
C13-12378 PentaCDD *	%	106						7103429
C13-12378 PentaCDF **	%	83						7103429
C13-123789 HexaCDF **	%	95						7103429
C13-234678 HexaCDF **	%	94						7103429
C13-23478 PentaCDF **	%	83						7103429
C13-2378 TetraCDD *	%	76						7103429
C13-2378 TetraCDF **	%	72						7103429
C13-OCDD *	%	98						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
Dioxins & Furans								
2,3,7,8-Tetra CDD *	pg/g	<0.0209	0.0209	0.970	1.00	0.0209	0	7103429
1,2,3,7,8-Penta CDD *	pg/g	<0.0159	0.0159	4.85	1.00	0.0159	0	7103429
1,2,3,4,7,8-Hexa CDD *	pg/g	<0.0138	0.0138	4.85	0.100	0.00138	0	7103429
1,2,3,6,7,8-Hexa CDD *	pg/g	<0.0124	0.0124	4.85	0.100	0.00124	1	7103429
1,2,3,7,8,9-Hexa CDD *	pg/g	<0.0160	0.0160	4.85	0.100	0.00160	0	7103429
1,2,3,4,6,7,8-Hepta CDD *	pg/g	0.132	0.0143	4.85	0.0100	0.00132	1	7103429
Octa CDD *	pg/g	0.284	0.0295	9.70	0.000300	0.0000852	1	7103429
Total Tetra CDD *	pg/g	<0.0209	0.0209	0.970			0	7103429
Total Penta CDD *	pg/g	<0.0159	0.0159	4.85			1	7103429
Total Hexa CDD *	pg/g	0.0186	0.0132	4.85			1	7103429
Total Hepta CDD *	pg/g	0.132	0.0143	4.85			1	7103429
2,3,7,8-Tetra CDF **	pg/g	<0.00989	0.00989	0.970	0.100	0.000989	0	7103429
1,2,3,7,8-Penta CDF **	pg/g	<0.0260	0.0260	4.85	0.0300	0.000780	0	7103429
2,3,4,7,8-Penta CDF **	pg/g	<0.0170	0.0170	4.85	0.300	0.00510	0	7103429
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.0320	0.0320	4.85	0.100	0.00320	0	7103429
1,2,3,6,7,8-Hexa CDF **	pg/g	<0.0240	0.0240	4.85	0.100	0.00240	0	7103429
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.00800	0.00800	4.85	0.100	0.000800	0	7103429
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.0180	0.0180	4.85	0.100	0.00180	0	7103429
1,2,3,4,6,7,8-Hepta CDF **	pg/g	0.210	0.0109	4.85	0.0100	0.00210	1	7103429
1,2,3,4,7,8,9-Hepta CDF **	pg/g	<0.0143	0.0143	4.85	0.0100	0.000143	0	7103429
Octa CDF **	pg/g	0.224	0.0194	9.70	0.000300	0.0000672	1	7103429
Total Tetra CDF **	pg/g	<0.00989	0.00989	0.970			1	7103429
Total Penta CDF **	pg/g	<0.0240	0.0240	4.85			0	7103429
Total Hexa CDF **	pg/g	0.0824	0.00601	4.85			2	7103429
Total Hepta CDF **	pg/g	0.413	0.0123	4.85			2	7103429
TOTAL TOXIC EQUIVALENCY	pg/g					0.0598		
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	91						7103429
C13-1234678 HeptaCDD *	%	94						7103429

EDL = Estimated Detection Limit
RDL = Reportable Detection Limit
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
QC Batch = Quality Control Batch
* CDD = Chloro Dibenzo-p-Dioxin
** CDF = Chloro Dibenzo-p-Furan

BV Labs - Partial/Rush Results

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DIOXINS AND FURANS BY HRMS (TISSUE)

BV Labs ID		NQA470						
Sampling Date					TOXIC EQUIVALENCY		# of	
	UNITS	20ARM-SOLE-15	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	83						7103429
C13-123478 HexaCDD *	%	86						7103429
C13-123478 HexaCDF **	%	71						7103429
C13-1234789 HeptaCDF **	%	87						7103429
C13-123678 HexaCDD *	%	84						7103429
C13-123678 HexaCDF **	%	69						7103429
C13-12378 PentaCDD *	%	125						7103429
C13-12378 PentaCDF **	%	104						7103429
C13-123789 HexaCDF **	%	79						7103429
C13-234678 HexaCDF **	%	74						7103429
C13-23478 PentaCDF **	%	106						7103429
C13-2378 TetraCDD *	%	80						7103429
C13-2378 TetraCDF **	%	72						7103429
C13-OCDD *	%	120						7103429

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

BV Labs - Partial Result

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GENERAL COMMENTS

For worksheets 6982339/696790/7055807:

Blank was found to contain numerous PCB congeners greater than the RDL. Glassware blank and proofing of materials and equipment used in the analysis of the PCB tissue samples were determined to be clean and not a contributor to the observed contamination. Please view results with caution.

A few native recoveries in the Spike were found to be above method criteria, due to the background in matrix used for blank and blank spike. No effect to sample results.

DIOXINS AND FURANS BY HRMS (TISSUE)

Dioxins/Furans in Tissue (1613B): The blank for worksheet batch 7166984 has trace positives that are below rdl. Results should be reviewed with caution.
Sample NPZ302 [20LNG-HEP-47] 2378TCDF Confirmation (M8290A/M1613): EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
Sample NPZ305 [20LNG-HEP-50] 2378TCDF Confirmation (M8290A/M1613): RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

Results relate only to the items tested.

BV Labs - Partial/Rush Results

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QUALITY ASSURANCE REPORT

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6979689	37CL4 2378 Tetra CDD	2020/10/03	97	35 - 197	89	35 - 197	79	%		
6979689	C13-1234678 HeptaCDD	2020/10/03	84	23 - 140	82	23 - 140	67	%		
6979689	C13-1234678 HeptaCDF	2020/10/03	61	28 - 143	63	28 - 143	53	%		
6979689	C13-123478 HexaCDD	2020/10/03	70	32 - 141	76	32 - 141	61	%		
6979689	C13-123478 HexaCDF	2020/10/03	64	26 - 152	67	26 - 152	56	%		
6979689	C13-1234789 HeptaCDF	2020/10/03	77	26 - 138	81	26 - 138	68	%		
6979689	C13-123678 HexaCDD	2020/10/03	77	28 - 130	81	28 - 130	67	%		
6979689	C13-123678 HexaCDF	2020/10/03	66	26 - 123	64	26 - 123	58	%		
6979689	C13-12378 PentaCDD	2020/10/03	82	25 - 181	84	25 - 181	65	%		
6979689	C13-12378 PentaCDF	2020/10/03	71	24 - 185	71	24 - 185	58	%		
6979689	C13-123789 HexaCDF	2020/10/03	75	29 - 147	80	29 - 147	64	%		
6979689	C13-234678 HexaCDF	2020/10/03	65	28 - 136	68	28 - 136	56	%		
6979689	C13-23478 PentaCDF	2020/10/03	78	25 - 181	77	25 - 181	63	%		
6979689	C13-2378 TetraCDD	2020/10/03	78	25 - 164	79	25 - 164	65	%		
6979689	C13-2378 TetraCDF	2020/10/03	77	24 - 169	76	24 - 169	65	%		
6979689	C13-OCDD	2020/10/03	90	17 - 157	95	17 - 157	78	%		
7001711	37CL4 2378 Tetra CDD	2020/10/15	97	35 - 197	106	35 - 197	108	%		
7001711	C13-1234678 HeptaCDD	2020/10/15	78	23 - 140	74	23 - 140	74	%		
7001711	C13-1234678 HeptaCDF	2020/10/15	71	28 - 143	70	28 - 143	67	%		
7001711	C13-123478 HexaCDD	2020/10/15	83	32 - 141	81	32 - 141	82	%		
7001711	C13-123478 HexaCDF	2020/10/15	79	26 - 152	84	26 - 152	79	%		
7001711	C13-1234789 HeptaCDF	2020/10/15	82	26 - 138	76	26 - 138	76	%		
7001711	C13-123678 HexaCDD	2020/10/15	92	28 - 130	93	28 - 130	83	%		
7001711	C13-123678 HexaCDF	2020/10/15	78	26 - 123	79	26 - 123	75	%		
7001711	C13-12378 PentaCDD	2020/10/15	76	25 - 181	84	25 - 181	79	%		
7001711	C13-12378 PentaCDF	2020/10/15	67	24 - 185	80	24 - 185	76	%		
7001711	C13-123789 HexaCDF	2020/10/15	92	29 - 147	92	29 - 147	87	%		
7001711	C13-234678 HexaCDF	2020/10/15	83	28 - 136	77	28 - 136	73	%		
7001711	C13-23478 PentaCDF	2020/10/15	71	25 - 181	85	25 - 181	83	%		
7001711	C13-2378 TetraCDD	2020/10/15	84	25 - 164	83	25 - 164	80	%		
7001711	C13-2378 TetraCDF	2020/10/15	88	24 - 169	93	24 - 169	87	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7001711	C13-OCDD	2020/10/15	80	17 - 157	68	17 - 157	67	%		
7010012	Confirmation C13-2378 TetraCDF	2020/10/19					60	%		
7011838	Confirmation C13-2378 TetraCDF	2020/10/20					62	%		
7038687	37CL4 2378 Tetra CDD	2020/11/06	105	35 - 197	106	35 - 197	115	%		
7038687	C13-1234678 HeptaCDD	2020/11/06	101	23 - 140	61	23 - 140	100	%		
7038687	C13-1234678 HeptaCDF	2020/11/06	88	28 - 143	50	28 - 143	91	%		
7038687	C13-123478 HexaCDD	2020/11/06	96	32 - 141	53	32 - 141	97	%		
7038687	C13-123478 HexaCDF	2020/11/06	81	26 - 152	46	26 - 152	81	%		
7038687	C13-1234789 HeptaCDF	2020/11/06	104	26 - 138	58	26 - 138	100	%		
7038687	C13-123678 HexaCDD	2020/11/06	116	28 - 130	66	28 - 130	126	%		
7038687	C13-123678 HexaCDF	2020/11/06	85	26 - 123	44	26 - 123	80	%		
7038687	C13-12378 PentaCDD	2020/11/06	93	25 - 181	54	25 - 181	92	%		
7038687	C13-12378 PentaCDF	2020/11/06	75	24 - 185	43	24 - 185	76	%		
7038687	C13-123789 HexaCDF	2020/11/06	118	29 - 147	71	29 - 147	119	%		
7038687	C13-234678 HexaCDF	2020/11/06	82	28 - 136	47	28 - 136	87	%		
7038687	C13-23478 PentaCDF	2020/11/06	91	25 - 181	53	25 - 181	86	%		
7038687	C13-2378 TetraCDD	2020/11/06	94	25 - 164	53	25 - 164	99	%		
7038687	C13-2378 TetraCDF	2020/11/06	91	24 - 169	53	24 - 169	97	%		
7038687	C13-OCDD	2020/11/06	129	17 - 157	71	17 - 157	121	%		
7044713	37CL4 2378 Tetra CDD	2020/11/12	93	35 - 197	76	35 - 197	86	%		
7044713	C13-1234678 HeptaCDD	2020/11/12	97	23 - 140	87	23 - 140	92	%		
7044713	C13-1234678 HeptaCDF	2020/11/12	99	28 - 143	87	28 - 143	101	%		
7044713	C13-123478 HexaCDD	2020/11/12	109	32 - 141	105	32 - 141	88	%		
7044713	C13-123478 HexaCDF	2020/11/12	106	26 - 152	98	26 - 152	104	%		
7044713	C13-1234789 HeptaCDF	2020/11/12	97	26 - 138	81	26 - 138	92	%		
7044713	C13-123678 HexaCDD	2020/11/12	119	28 - 130	113	28 - 130	114	%		
7044713	C13-123678 HexaCDF	2020/11/12	102	26 - 123	96	26 - 123	106	%		
7044713	C13-12378 PentaCDD	2020/11/12	82	25 - 181	77	25 - 181	72	%		
7044713	C13-12378 PentaCDF	2020/11/12	74	24 - 185	71	24 - 185	64	%		
7044713	C13-123789 HexaCDF	2020/11/12	106	29 - 147	100	29 - 147	106	%		
7044713	C13-234678 HexaCDF	2020/11/12	103	28 - 136	99	28 - 136	104	%		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7044713	C13-23478 PentaCDF	2020/11/12	82	25 - 181	78	25 - 181	73	%		
7044713	C13-2378 TetraCDD	2020/11/12	82	25 - 164	70	25 - 164	79	%		
7044713	C13-2378 TetraCDF	2020/11/12	89	24 - 169	85	24 - 169	82	%		
7044713	C13-OCDD	2020/11/12	87	17 - 157	74	17 - 157	77	%		
7103429	37CL4 2378 Tetra CDD	2020/12/14	94	35 - 197	94	35 - 197	97	%		
7103429	C13-1234678 HeptaCDD	2020/12/14	95	23 - 140	91	23 - 140	95	%		
7103429	C13-1234678 HeptaCDF	2020/12/14	81	28 - 143	76	28 - 143	80	%		
7103429	C13-123478 HexaCDD	2020/12/14	88	32 - 141	90	32 - 141	90	%		
7103429	C13-123478 HexaCDF	2020/12/14	79	26 - 152	76	26 - 152	77	%		
7103429	C13-1234789 HeptaCDF	2020/12/14	91	26 - 138	86	26 - 138	89	%		
7103429	C13-123678 HexaCDD	2020/12/14	89	28 - 130	85	28 - 130	87	%		
7103429	C13-123678 HexaCDF	2020/12/14	65	26 - 123	65	26 - 123	67	%		
7103429	C13-12378 PentaCDD	2020/12/14	108	25 - 181	104	25 - 181	113	%		
7103429	C13-12378 PentaCDF	2020/12/14	91	24 - 185	88	24 - 185	96	%		
7103429	C13-123789 HexaCDF	2020/12/14	88	29 - 147	83	29 - 147	87	%		
7103429	C13-234678 HexaCDF	2020/12/14	74	28 - 136	74	28 - 136	75	%		
7103429	C13-23478 PentaCDF	2020/12/14	104	25 - 181	100	25 - 181	109	%		
7103429	C13-2378 TetraCDD	2020/12/14	79	25 - 164	78	25 - 164	84	%		
7103429	C13-2378 TetraCDF	2020/12/14	76	24 - 169	72	24 - 169	76	%		
7103429	C13-OCDD	2020/12/14	109	17 - 157	96	17 - 157	106	%		
7107704	37CL4 2378 Tetra CDD	2020/12/16	80	35 - 197	67	35 - 197	70	%		
7107704	C13-1234678 HeptaCDD	2020/12/16	85	23 - 140	76	23 - 140	95	%		
7107704	C13-1234678 HeptaCDF	2020/12/16	81	28 - 143	73	28 - 143	92	%		
7107704	C13-123478 HexaCDD	2020/12/16	91	32 - 141	75	32 - 141	93	%		
7107704	C13-123478 HexaCDF	2020/12/16	83	26 - 152	74	26 - 152	90	%		
7107704	C13-1234789 HeptaCDF	2020/12/16	78	26 - 138	72	26 - 138	93	%		
7107704	C13-123678 HexaCDD	2020/12/16	86	28 - 130	76	28 - 130	93	%		
7107704	C13-123678 HexaCDF	2020/12/16	77	26 - 123	70	26 - 123	84	%		
7107704	C13-12378 PentaCDD	2020/12/16	95	25 - 181	87	25 - 181	94	%		
7107704	C13-12378 PentaCDF	2020/12/16	77	24 - 185	73	24 - 185	72	%		
7107704	C13-123789 HexaCDF	2020/12/16	89	29 - 147	79	29 - 147	93	%		

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7107704	C13-234678 HexaCDF	2020/12/16	82	28 - 136	73	28 - 136	88	%		
7107704	C13-23478 PentaCDF	2020/12/16	86	25 - 181	76	25 - 181	85	%		
7107704	C13-2378 TetraCDD	2020/12/16	79	25 - 164	66	25 - 164	81	%		
7107704	C13-2378 TetraCDF	2020/12/16	71	24 - 169	61	24 - 169	75	%		
7107704	C13-OCDD	2020/12/16	82	17 - 157	80	17 - 157	97	%		
7119604	37Cl4 2378 Tetra CDD	2020/12/22	63	35 - 197	73	35 - 197	58	%		
7119604	C13-1234678 HeptaCDD	2020/12/22	83	23 - 140	96	23 - 140	96	%		
7119604	C13-1234678 HeptaCDF	2020/12/22	83	28 - 143	95	28 - 143	97	%		
7119604	C13-123478 HexaCDD	2020/12/22	88	32 - 141	89	32 - 141	88	%		
7119604	C13-123478 HexaCDF	2020/12/22	83	26 - 152	92	26 - 152	89	%		
7119604	C13-1234789 HeptaCDF	2020/12/22	81	26 - 138	97	26 - 138	100	%		
7119604	C13-123678 HexaCDD	2020/12/22	91	28 - 130	91	28 - 130	94	%		
7119604	C13-123678 HexaCDF	2020/12/22	77	26 - 123	87	26 - 123	90	%		
7119604	C13-12378 PentaCDD	2020/12/22	105	25 - 181	100	25 - 181	96	%		
7119604	C13-12378 PentaCDF	2020/12/22	83	24 - 185	78	24 - 185	76	%		
7119604	C13-123789 HexaCDF	2020/12/22	81	29 - 147	96	29 - 147	106	%		
7119604	C13-234678 HexaCDF	2020/12/22	77	28 - 136	90	28 - 136	93	%		
7119604	C13-23478 PentaCDF	2020/12/22	95	25 - 181	87	25 - 181	88	%		
7119604	C13-2378 TetraCDD	2020/12/22	74	25 - 164	76	25 - 164	78	%		
7119604	C13-2378 TetraCDF	2020/12/22	68	24 - 169	74	24 - 169	85	%		
7119604	C13-OCDD	2020/12/22	86	17 - 157	96	17 - 157	79	%		
7127826	Confirmation C13-2378 TetraCDF	2020/12/24					63	%		
7132986	Confirmation C13-2378 TetraCDF	2020/12/30					90	%		
7133822	Confirmation C13-2378 TetraCDF	2020/12/31					97	%		
7150649	37Cl4 2378 Tetra CDD	2021/01/14	81	35 - 197	78	35 - 197	78	%		
7150649	C13-1234678 HeptaCDD	2021/01/14	96	23 - 140	85	23 - 140	85	%		
7150649	C13-1234678 HeptaCDF	2021/01/14	98	28 - 143	88	28 - 143	91	%		
7150649	C13-123478 HexaCDD	2021/01/14	96	32 - 141	84	32 - 141	94	%		
7150649	C13-123478 HexaCDF	2021/01/14	93	26 - 152	86	26 - 152	86	%		
7150649	C13-1234789 HeptaCDF	2021/01/14	97	26 - 138	87	26 - 138	84	%		
7150649	C13-123678 HexaCDD	2021/01/14	104	28 - 130	95	28 - 130	97	%		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7150649	C13-123678 HexaCDF	2021/01/14	89	26 - 123	83	26 - 123	85	%		
7150649	C13-12378 PentaCDD	2021/01/14	102	25 - 181	90	25 - 181	95	%		
7150649	C13-12378 PentaCDF	2021/01/14	85	24 - 185	77	24 - 185	77	%		
7150649	C13-123789 HexaCDF	2021/01/14	98	29 - 147	92	29 - 147	91	%		
7150649	C13-234678 HexaCDF	2021/01/14	92	28 - 136	89	28 - 136	92	%		
7150649	C13-23478 PentaCDF	2021/01/14	98	25 - 181	85	25 - 181	92	%		
7150649	C13-2378 TetraCDD	2021/01/14	83	25 - 164	80	25 - 164	85	%		
7150649	C13-2378 TetraCDF	2021/01/14	85	24 - 169	85	24 - 169	85	%		
7150649	C13-OCDD	2021/01/14	101	17 - 157	81	17 - 157	78	%		
7162596	37Cl4 2378 Tetra CDD	2021/01/22	80	35 - 197	82	35 - 197	84	%		
7162596	C13-1234678 HeptaCDD	2021/01/22	86	23 - 140	89	23 - 140	99	%		
7162596	C13-1234678 HeptaCDF	2021/01/22	92	28 - 143	92	28 - 143	103	%		
7162596	C13-123478 HexaCDD	2021/01/22	90	32 - 141	91	32 - 141	98	%		
7162596	C13-123478 HexaCDF	2021/01/22	90	26 - 152	89	26 - 152	98	%		
7162596	C13-1234789 HeptaCDF	2021/01/22	87	26 - 138	89	26 - 138	102	%		
7162596	C13-123678 HexaCDD	2021/01/22	97	28 - 130	95	28 - 130	113	%		
7162596	C13-123678 HexaCDF	2021/01/22	91	26 - 123	87	26 - 123	98	%		
7162596	C13-12378 PentaCDD	2021/01/22	81	25 - 181	83	25 - 181	85	%		
7162596	C13-12378 PentaCDF	2021/01/22	75	24 - 185	75	24 - 185	78	%		
7162596	C13-123789 HexaCDF	2021/01/22	98	29 - 147	98	29 - 147	109	%		
7162596	C13-234678 HexaCDF	2021/01/22	89	28 - 136	95	28 - 136	108	%		
7162596	C13-23478 PentaCDF	2021/01/22	97	25 - 181	94	25 - 181	101	%		
7162596	C13-2378 TetraCDD	2021/01/22	81	25 - 164	79	25 - 164	81	%		
7162596	C13-2378 TetraCDF	2021/01/22	83	24 - 169	81	24 - 169	89	%		
7162596	C13-OCDD	2021/01/22	74	17 - 157	77	17 - 157	83	%		
7166984	37Cl4 2378 Tetra CDD	2021/01/25			81	35 - 197	83	%		
7166984	C13-1234678 HeptaCDD	2021/01/25			96	23 - 140	103	%		
7166984	C13-1234678 HeptaCDF	2021/01/25			107	28 - 143	110	%		
7166984	C13-123478 HexaCDD	2021/01/25			100	32 - 141	110	%		
7166984	C13-123478 HexaCDF	2021/01/25			103	26 - 152	104	%		
7166984	C13-1234789 HeptaCDF	2021/01/25			104	26 - 138	106	%		

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7166984	C13-123678 HexaCDD	2021/01/25			112	28 - 130	108	%		
7166984	C13-123678 HexaCDF	2021/01/25			101	26 - 123	103	%		
7166984	C13-12378 PentaCDD	2021/01/25			93	25 - 181	100	%		
7166984	C13-12378 PentaCDF	2021/01/25			77	24 - 185	77	%		
7166984	C13-123789 HexaCDF	2021/01/25			109	29 - 147	113	%		
7166984	C13-234678 HexaCDF	2021/01/25			106	28 - 136	109	%		
7166984	C13-23478 PentaCDF	2021/01/25			85	25 - 181	87	%		
7166984	C13-2378 TetraCDD	2021/01/25			82	25 - 164	86	%		
7166984	C13-2378 TetraCDF	2021/01/25			88	24 - 169	91	%		
7166984	C13-OCDD	2021/01/25			85	17 - 157	96	%		
7176089	Confirmation C13-2378 TetraCDF	2021/01/29					46	%		
6979689	1,2,3,4,6,7,8-Hepta CDD	2020/10/03	92	70 - 140	96	70 - 140	0.171, EDL=0.0712	pg/g	NC	25
6979689	1,2,3,4,6,7,8-Hepta CDF	2020/10/03	99	82 - 122	95	82 - 122	0.114, EDL=0.0728	pg/g	NC	25
6979689	1,2,3,4,7,8,9-Hepta CDF	2020/10/03	97	78 - 138	95	78 - 138	<0.0726, EDL=0.0726	pg/g	NC	25
6979689	1,2,3,4,7,8-Hexa CDD	2020/10/03	97	70 - 164	93	70 - 164	<0.102, EDL=0.102	pg/g	NC	25
6979689	1,2,3,4,7,8-Hexa CDF	2020/10/03	94	72 - 134	91	72 - 134	<0.0759, EDL=0.0759	pg/g	NC	25
6979689	1,2,3,6,7,8-Hexa CDD	2020/10/03	99	76 - 134	90	76 - 134	0.391, EDL=0.101	pg/g	NC	25
6979689	1,2,3,6,7,8-Hexa CDF	2020/10/03	96	84 - 130	97	84 - 130	<0.0780, EDL=0.0780	pg/g	NC	25
6979689	1,2,3,7,8,9-Hexa CDD	2020/10/03	113	64 - 162	106	64 - 162	0.154, EDL=0.106	pg/g	NC	25
6979689	1,2,3,7,8,9-Hexa CDF	2020/10/03	93	78 - 130	89	78 - 130	<0.0789, EDL=0.0789	pg/g	NC	25
6979689	1,2,3,7,8-Penta CDD	2020/10/03	99	25 - 181	90	25 - 181	<0.0939, EDL=0.0939	pg/g	NC	25
6979689	1,2,3,7,8-Penta CDF	2020/10/03	92	80 - 134	87	80 - 134	<0.108, EDL=0.108 (1)	pg/g	NC	25

QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
6979689	2,3,4,6,7,8-Hexa CDF	2020/10/03	96	70 - 156	101	70 - 156	0.0820, EDL=0.0756	pg/g	NC	25
6979689	2,3,4,7,8-Penta CDF	2020/10/03	92	68 - 160	90	68 - 160	<0.0682, EDL=0.0682	pg/g	NC	25
6979689	2,3,7,8-Tetra CDD	2020/10/03	98	67 - 158	96	67 - 158	<0.0801, EDL=0.0801	pg/g	NC	25
6979689	2,3,7,8-Tetra CDF	2020/10/03	92	75 - 158	91	75 - 158	0.488, EDL=0.0837	pg/g	NC	25
6979689	Octa CDD	2020/10/03	96	78 - 144	93	78 - 144	0.531, EDL=0.105	pg/g	NC	25
6979689	Octa CDF	2020/10/03	93	63 - 170	90	63 - 170	0.193, EDL=0.103	pg/g	NC	25
6979689	Total Hepta CDD	2020/10/03					0.299, EDL=0.0712	pg/g	NC	25
6979689	Total Hepta CDF	2020/10/03					0.114, EDL=0.0727	pg/g	NC	25
6979689	Total Hexa CDD	2020/10/03					1.13, EDL=0.102	pg/g	NC	25
6979689	Total Hexa CDF	2020/10/03					0.0820, EDL=0.0771	pg/g	NC	25
6979689	Total Penta CDD	2020/10/03					<0.0939, EDL=0.0939	pg/g	NC	25
6979689	Total Penta CDF	2020/10/03					<0.0998, EDL=0.0998 (1)	pg/g	NC	25
6979689	Total Tetra CDD	2020/10/03					<0.0801, EDL=0.0801	pg/g	NC	25
6979689	Total Tetra CDF	2020/10/03					0.488, EDL=0.0837	pg/g	NC	25
7001711	1,2,3,4,6,7,8-Hepta CDD	2020/10/15	104	70 - 140	109	70 - 140	0.226, EDL=0.105	pg/g	NC	25
7001711	1,2,3,4,6,7,8-Hepta CDF	2020/10/15	100	82 - 122	102	82 - 122	<0.161, EDL=0.161 (3)	pg/g	NC	25
7001711	1,2,3,4,7,8,9-Hepta CDF	2020/10/15	96	78 - 138	101	78 - 138	0.129, EDL=0.107	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7001711	1,2,3,4,7,8-Hexa CDD	2020/10/15	100	70 - 164	103	70 - 164	<0.109, EDL=0.109	pg/g	NC	25
7001711	1,2,3,4,7,8-Hexa CDF	2020/10/15	98	72 - 134	102	72 - 134	0.123, EDL=0.107	pg/g	NC	25
7001711	1,2,3,6,7,8-Hexa CDD	2020/10/15	104	76 - 134	112	76 - 134	0.440, EDL=0.109	pg/g	NC	25
7001711	1,2,3,6,7,8-Hexa CDF	2020/10/15	102	84 - 130	104	84 - 130	<0.110, EDL=0.110	pg/g	NC	25
7001711	1,2,3,7,8,9-Hexa CDD	2020/10/15	103	64 - 162	106	64 - 162	0.190, EDL=0.114	pg/g	NC (3)	25
7001711	1,2,3,7,8,9-Hexa CDF	2020/10/15	99	78 - 130	104	78 - 130	<0.111, EDL=0.111	pg/g	NC	25
7001711	1,2,3,7,8-Penta CDD	2020/10/15	97	25 - 181	105	25 - 181	<0.158, EDL=0.158 (2)	pg/g	NC (3)	25
7001711	1,2,3,7,8-Penta CDF	2020/10/15	101	80 - 134	102	80 - 134	<0.122, EDL=0.122	pg/g	NC (3)	25
7001711	2,3,4,6,7,8-Hexa CDF	2020/10/15	105	70 - 156	106	70 - 156	<0.107, EDL=0.107	pg/g	NC	25
7001711	2,3,4,7,8-Penta CDF	2020/10/15	102	68 - 160	101	68 - 160	0.115, EDL=0.114	pg/g	NC	25
7001711	2,3,7,8-Tetra CDD	2020/10/15	100	67 - 158	110	67 - 158	<0.111, EDL=0.111	pg/g	NC	25
7001711	2,3,7,8-Tetra CDF	2020/10/15	101	75 - 158	106	75 - 158	0.562, EDL=0.0997	pg/g	8.2	25
7001711	Octa CDD	2020/10/15	92	78 - 144	98	78 - 144	0.413, EDL=0.106	pg/g	NC	25
7001711	Octa CDF	2020/10/15	89	63 - 170	97	63 - 170	0.271, EDL=0.103	pg/g	NC (3)	25
7001711	Total Hepta CDD	2020/10/15					0.488, EDL=0.105	pg/g	6.2	25
7001711	Total Hepta CDF	2020/10/15					0.129, EDL=0.107	pg/g	NC	25
7001711	Total Hexa CDD	2020/10/15					0.630, EDL=0.110	pg/g	8.3	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7001711	Total Hexa CDF	2020/10/15					0.240, EDL=0.109	pg/g	NC	25
7001711	Total Penta CDD	2020/10/15					<0.158, EDL=0.158 (2)	pg/g	NC	25
7001711	Total Penta CDF	2020/10/15					<0.118, EDL=0.118	pg/g	NC	25
7001711	Total Tetra CDD	2020/10/15					<0.113, EDL=0.113 (3)	pg/g	7.5	25
7001711	Total Tetra CDF	2020/10/15					0.562, EDL=0.0997	pg/g	2.3	25
7010012	Confirmation 2,3,7,8-Tetra CDF	2020/10/19					0.47, EDL=0.12	pg/g		
7011838	Confirmation 2,3,7,8-Tetra CDF	2020/10/20					<0.13, EDL=0.13	pg/g	2.4	100
7038687	1,2,3,4,6,7,8-Hepta CDD	2020/11/06	99	70 - 140	95	70 - 140	<0.110, EDL=0.110	pg/g	NC	25
7038687	1,2,3,4,6,7,8-Hepta CDF	2020/11/06	95	82 - 122	97	82 - 122	0.355, EDL=0.118	pg/g	NC	25
7038687	1,2,3,4,7,8,9-Hepta CDF	2020/11/06	111	78 - 138	105	78 - 138	<0.117, EDL=0.117	pg/g	NC	25
7038687	1,2,3,4,7,8-Hexa CDD	2020/11/06	99	70 - 164	104	70 - 164	<0.104, EDL=0.104	pg/g	NC	25
7038687	1,2,3,4,7,8-Hexa CDF	2020/11/06	98	72 - 134	101	72 - 134	<0.110, EDL=0.110	pg/g	NC	25
7038687	1,2,3,6,7,8-Hexa CDD	2020/11/06	95	76 - 134	100	76 - 134	<0.104, EDL=0.104	pg/g	NC	25
7038687	1,2,3,6,7,8-Hexa CDF	2020/11/06	96	84 - 130	112	84 - 130	<0.113, EDL=0.113	pg/g	NC	25
7038687	1,2,3,7,8,9-Hexa CDD	2020/11/06	99	64 - 162	105	64 - 162	<0.109, EDL=0.109	pg/g	NC	25
7038687	1,2,3,7,8,9-Hexa CDF	2020/11/06	99	78 - 130	92	78 - 130	<0.114, EDL=0.114	pg/g	NC	25
7038687	1,2,3,7,8-Penta CDD	2020/11/06	105	25 - 181	104	25 - 181	<0.103, EDL=0.103	pg/g	NC	25
7038687	1,2,3,7,8-Penta CDF	2020/11/06	103	80 - 134	97	80 - 134	<0.109, EDL=0.109	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7038687	2,3,4,6,7,8-Hexa CDF	2020/11/06	105	70 - 156	102	70 - 156	<0.109, EDL=0.109	pg/g	NC	25
7038687	2,3,4,7,8-Penta CDF	2020/11/06	91	68 - 160	92	68 - 160	<0.101, EDL=0.101	pg/g	NC	25
7038687	2,3,7,8-Tetra CDD	2020/11/06	99	67 - 158	100	67 - 158	<0.106, EDL=0.106	pg/g	NC	25
7038687	2,3,7,8-Tetra CDF	2020/11/06	100	75 - 158	103	75 - 158	<0.104, EDL=0.104	pg/g	NC	25
7038687	Octa CDD	2020/11/06	93	78 - 144	95	78 - 144	0.187, EDL=0.111	pg/g	NC	25
7038687	Octa CDF	2020/11/06	92	63 - 170	91	63 - 170	<0.139, EDL=0.139 (3)	pg/g	NC	25
7038687	Total Hepta CDD	2020/11/06					<0.110, EDL=0.110	pg/g	NC	25
7038687	Total Hepta CDF	2020/11/06					0.605, EDL=0.117	pg/g	NC	25
7038687	Total Hexa CDD	2020/11/06					<0.415, EDL=0.415 (3)	pg/g	NC (3)	25
7038687	Total Hexa CDF	2020/11/06					<0.111, EDL=0.111	pg/g	NC	25
7038687	Total Penta CDD	2020/11/06					<0.157, EDL=0.157 (3)	pg/g	NC (3)	25
7038687	Total Penta CDF	2020/11/06					<0.105, EDL=0.105	pg/g	NC	25
7038687	Total Tetra CDD	2020/11/06					<0.214, EDL=0.214 (3)	pg/g	NC (3)	25
7038687	Total Tetra CDF	2020/11/06					<0.104, EDL=0.104	pg/g	NC	25
7044713	1,2,3,4,6,7,8-Hepta CDD	2020/11/10	100	70 - 140	100	70 - 140	<0.255, EDL=0.255	pg/g	NC	25
7044713	1,2,3,4,6,7,8-Hepta CDF	2020/11/10	97	82 - 122	97	82 - 122	0.455, EDL=0.0819	pg/g	NC	25
7044713	1,2,3,4,7,8,9-Hepta CDF	2020/11/10	102	78 - 138	102	78 - 138	<0.107, EDL=0.107	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7044713	1,2,3,4,7,8-Hexa CDD	2020/11/10	103	70 - 164	104	70 - 164	<0.176, EDL=0.176	pg/g	NC	25
7044713	1,2,3,4,7,8-Hexa CDF	2020/11/10	97	72 - 134	97	72 - 134	<0.130, EDL=0.130	pg/g	NC	25
7044713	1,2,3,6,7,8-Hexa CDD	2020/11/10	94	76 - 134	95	76 - 134	0.349, EDL=0.126	pg/g	NC	25
7044713	1,2,3,6,7,8-Hexa CDF	2020/11/10	102	84 - 130	99	84 - 130	<0.120, EDL=0.120	pg/g	NC	25
7044713	1,2,3,7,8,9-Hexa CDD	2020/11/10	93	64 - 162	95	64 - 162	<0.167, EDL=0.167	pg/g	NC	25
7044713	1,2,3,7,8,9-Hexa CDF	2020/11/10	94	78 - 130	96	78 - 130	<0.136, EDL=0.136	pg/g	NC	25
7044713	1,2,3,7,8-Penta CDD	2020/11/10	100	25 - 181	102	25 - 181	<0.356, EDL=0.356	pg/g	NC (3)	25
7044713	1,2,3,7,8-Penta CDF	2020/11/10	101	80 - 134	102	80 - 134	<0.250, EDL=0.250	pg/g	NC	25
7044713	2,3,4,6,7,8-Hexa CDF	2020/11/10	100	70 - 156	98	70 - 156	<0.126, EDL=0.126	pg/g	NC	25
7044713	2,3,4,7,8-Penta CDF	2020/11/10	95	68 - 160	97	68 - 160	<0.191, EDL=0.191	pg/g	NC	25
7044713	2,3,7,8-Tetra CDD	2020/11/10	96	67 - 158	97	67 - 158	<0.130, EDL=0.130	pg/g	NC	25
7044713	2,3,7,8-Tetra CDF	2020/11/10	94	75 - 158	95	75 - 158	<0.659, EDL=0.659 (1)	pg/g	NC	25
7044713	Octa CDD	2020/11/10	97	78 - 144	97	78 - 144	0.480, EDL=0.196	pg/g	NC (3)	25
7044713	Octa CDF	2020/11/10	99	63 - 170	102	63 - 170	0.296, EDL=0.111	pg/g	NC	25
7044713	Total Hepta CDD	2020/11/10					<0.255, EDL=0.255	pg/g	NC	25
7044713	Total Hepta CDF	2020/11/10					0.770, EDL=0.0925	pg/g	NC	25
7044713	Total Hexa CDD	2020/11/10					1.16, EDL=0.145	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7044713	Total Hexa CDF	2020/11/10					<0.135, EDL=0.135	pg/g	NC	25
7044713	Total Penta CDD	2020/11/10					<0.356, EDL=0.356	pg/g	NC	25
7044713	Total Penta CDF	2020/11/10					<0.239, EDL=0.239	pg/g	NC	25
7044713	Total Tetra CDD	2020/11/10					<0.130, EDL=0.130	pg/g	NC	25
7044713	Total Tetra CDF	2020/11/10					0.197, EDL=0.0814	pg/g	NC	25
7103429	1,2,3,4,6,7,8-Hepta CDD	2020/12/18	92	70 - 140	90	80 - 140	<0.0546, EDL=0.0546	pg/g	NC	25
7103429	1,2,3,4,6,7,8-Hepta CDF	2020/12/18	87	82 - 122	85	80 - 140	0.0673, EDL=0.0349	pg/g	NC	25
7103429	1,2,3,4,7,8,9-Hepta CDF	2020/12/18	92	78 - 138	90	80 - 140	<0.0429, EDL=0.0429	pg/g	NC	25
7103429	1,2,3,4,7,8-Hexa CDD	2020/12/18	88	70 - 164	84	80 - 140	<0.0964, EDL=0.0964	pg/g	NC	25
7103429	1,2,3,4,7,8-Hexa CDF	2020/12/18	93	72 - 134	91	80 - 140	<0.0533, EDL=0.0533	pg/g	NC	25
7103429	1,2,3,6,7,8-Hexa CDD	2020/12/18	82	76 - 134	83	80 - 140	<0.0875, EDL=0.0875	pg/g	NC	25
7103429	1,2,3,6,7,8-Hexa CDF	2020/12/18	95	84 - 130	93	80 - 140	<0.0525, EDL=0.0525	pg/g	NC	25
7103429	1,2,3,7,8,9-Hexa CDD	2020/12/18	91	64 - 162	88	80 - 140	<0.0944, EDL=0.0944	pg/g	NC	25
7103429	1,2,3,7,8,9-Hexa CDF	2020/12/18	87	78 - 130	86	80 - 140	<0.0532, EDL=0.0532	pg/g	NC	25
7103429	1,2,3,7,8-Penta CDD	2020/12/18	94	25 - 181	93	80 - 140	<0.147, EDL=0.147	pg/g	NC	25
7103429	1,2,3,7,8-Penta CDF	2020/12/18	85	80 - 134	84	80 - 140	<0.107, EDL=0.107	pg/g	NC	25
7103429	2,3,4,6,7,8-Hexa CDF	2020/12/18	93	70 - 156	90	80 - 140	<0.0513, EDL=0.0513	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7103429	2,3,4,7,8-Penta CDF	2020/12/18	81	68 - 160	79 (4)	80 - 140	<0.0850, EDL=0.0850	pg/g	NC	25
7103429	2,3,7,8-Tetra CDD	2020/12/18	87	67 - 158	86	80 - 140	<0.0904, EDL=0.0904	pg/g	NC	25
7103429	2,3,7,8-Tetra CDF	2020/12/18	85	75 - 158	84	80 - 140	<0.0521, EDL=0.0521	pg/g	0.62	25
7103429	Octa CDD	2020/12/18	87	78 - 144	84	80 - 140	<0.0826, EDL=0.0826 (3)	pg/g	NC	25
7103429	Octa CDF	2020/12/18	79	63 - 170	79 (4)	80 - 140	<0.0607, EDL=0.0607	pg/g	NC	25
7103429	Total Hepta CDD	2020/12/18					<0.0546, EDL=0.0546	pg/g	NC	25
7103429	Total Hepta CDF	2020/12/18					0.0673, EDL=0.0385	pg/g	NC	25
7103429	Total Hexa CDD	2020/12/18					<0.0926, EDL=0.0926	pg/g	NC	25
7103429	Total Hexa CDF	2020/12/18					<0.0525, EDL=0.0525	pg/g	NC	25
7103429	Total Penta CDD	2020/12/18					<0.147, EDL=0.147	pg/g	NC	25
7103429	Total Penta CDF	2020/12/18					<0.0949, EDL=0.0949	pg/g	NC	25
7103429	Total Tetra CDD	2020/12/18					<0.0904, EDL=0.0904	pg/g	NC	25
7103429	Total Tetra CDF	2020/12/18					<0.0521, EDL=0.0521	pg/g	0.62	25
7107704	1,2,3,4,6,7,8-Hepta CDD	2020/12/30	94	70 - 140	89	70 - 140	0.104, EDL=0.0501	pg/g	0.66	25
7107704	1,2,3,4,6,7,8-Hepta CDF	2020/12/30	91	82 - 122	85	82 - 122	0.108, EDL=0.0236	pg/g	NC	25
7107704	1,2,3,4,7,8,9-Hepta CDF	2020/12/30	95	78 - 138	90	78 - 138	0.0363, EDL=0.0279	pg/g	NC	25
7107704	1,2,3,4,7,8-Hexa CDD	2020/12/30	92	70 - 164	91	70 - 164	<0.0848, EDL=0.0848	pg/g	2.9	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7107704	1,2,3,4,7,8-Hexa CDF	2020/12/30	94	72 - 134	89	72 - 134	<0.0460, EDL=0.0460	pg/g	NC	25
7107704	1,2,3,6,7,8-Hexa CDD	2020/12/30	91	76 - 134	87	76 - 134	<0.0785, EDL=0.0785	pg/g	9.1	25
7107704	1,2,3,6,7,8-Hexa CDF	2020/12/30	97	84 - 130	93	84 - 130	<0.0460, EDL=0.0460	pg/g	NC	25
7107704	1,2,3,7,8,9-Hexa CDD	2020/12/30	93	64 - 162	93	64 - 162	<0.0787, EDL=0.0787	pg/g	18	25
7107704	1,2,3,7,8,9-Hexa CDF	2020/12/30	87	78 - 130	85	78 - 130	<0.0490, EDL=0.0490	pg/g	NC	25
7107704	1,2,3,7,8-Penta CDD	2020/12/30	92	25 - 181	87	25 - 181	<0.0690, EDL=0.0690	pg/g	NC	25
7107704	1,2,3,7,8-Penta CDF	2020/12/30	94	80 - 134	87	80 - 134	<0.0642, EDL=0.0642 (1)	pg/g	NC	25
7107704	2,3,4,6,7,8-Hexa CDF	2020/12/30	92	70 - 156	91	70 - 156	<0.0454, EDL=0.0454	pg/g	NC	25
7107704	2,3,4,7,8-Penta CDF	2020/12/30	90	68 - 160	85	68 - 160	<0.0471, EDL=0.0471	pg/g	NC	25
7107704	2,3,7,8-Tetra CDD	2020/12/30	91	67 - 158	90	67 - 158	<0.0597, EDL=0.0597	pg/g	NC	25
7107704	2,3,7,8-Tetra CDF	2020/12/30	88	75 - 158	86	75 - 158	<0.0780, EDL=0.0780 (5)	pg/g	6.4	25
7107704	Octa CDD	2020/12/30	95	78 - 144	85	78 - 144	0.127, EDL=0.0674	pg/g	24	25
7107704	Octa CDF	2020/12/30	92	63 - 170	81	63 - 170	0.0846, EDL=0.0393	pg/g	NC	25
7107704	Total Hepta CDD	2020/12/30					0.104, EDL=0.0501	pg/g	NC	25
7107704	Total Hepta CDF	2020/12/30					0.219, EDL=0.0255	pg/g	13	25
7107704	Total Hexa CDD	2020/12/30					<0.0880, EDL=0.0880	pg/g	12	25
7107704	Total Hexa CDF	2020/12/30					<0.0490, EDL=0.0490	pg/g	2.4	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7107704	Total Penta CDD	2020/12/30					<0.0690, EDL=0.0690	pg/g	15	25
7107704	Total Penta CDF	2020/12/30					<0.0546, EDL=0.0546	pg/g	9.3	25
7107704	Total Tetra CDD	2020/12/30					<0.0597, EDL=0.0597	pg/g	NC	25
7107704	Total Tetra CDF	2020/12/30					<0.0505, EDL=0.0505	pg/g	19	25
7119604	1,2,3,4,6,7,8-Hepta CDD	2020/12/22	96	70 - 140	92	70 - 140	<0.201, EDL=0.201	pg/g	NC	25
7119604	1,2,3,4,6,7,8-Hepta CDF	2020/12/22	92	82 - 122	88	82 - 122	<0.158, EDL=0.158	pg/g	NC	25
7119604	1,2,3,4,7,8,9-Hepta CDF	2020/12/22	99	78 - 138	94	78 - 138	<0.143, EDL=0.143	pg/g	NC	25
7119604	1,2,3,4,7,8-Hexa CDD	2020/12/22	93	70 - 164	95	70 - 164	<0.145, EDL=0.145	pg/g	NC	25
7119604	1,2,3,4,7,8-Hexa CDF	2020/12/22	96	72 - 134	92	72 - 134	<0.139, EDL=0.139	pg/g	NC (3)	25
7119604	1,2,3,6,7,8-Hexa CDD	2020/12/22	84	76 - 134	86	76 - 134	<0.176, EDL=0.176	pg/g	NC	25
7119604	1,2,3,6,7,8-Hexa CDF	2020/12/22	100	84 - 130	96	84 - 130	<0.227, EDL=0.227	pg/g	NC	25
7119604	1,2,3,7,8,9-Hexa CDD	2020/12/22	86	64 - 162	93	64 - 162	<0.175, EDL=0.175	pg/g	NC (3)	25
7119604	1,2,3,7,8,9-Hexa CDF	2020/12/22	93	78 - 130	88	78 - 130	<0.155, EDL=0.155	pg/g	NC	25
7119604	1,2,3,7,8-Penta CDD	2020/12/22	84	25 - 181	86	25 - 181	<0.369, EDL=0.369	pg/g	NC (3)	25
7119604	1,2,3,7,8-Penta CDF	2020/12/22	90	80 - 134	92	80 - 134	<0.276, EDL=0.276	pg/g	NC (3)	25
7119604	2,3,4,6,7,8-Hexa CDF	2020/12/22	99	70 - 156	93	70 - 156	<0.133, EDL=0.133	pg/g	NC	25
7119604	2,3,4,7,8-Penta CDF	2020/12/22	84	68 - 160	87	68 - 160	<0.208, EDL=0.208	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7119604	2,3,7,8-Tetra CDD	2020/12/22	87	67 - 158	90	67 - 158	<0.254, EDL=0.254	pg/g	NC	25
7119604	2,3,7,8-Tetra CDF	2020/12/22	97	75 - 158	95	75 - 158	0, RDL=0.998	pg/g	4.0	25
7119604	Octa CDD	2020/12/22	88	78 - 144	87	78 - 144	<0.403, EDL=0.403	pg/g	NC	25
7119604	Octa CDF	2020/12/22	85	63 - 170	86	63 - 170	<0.301, EDL=0.301	pg/g	NC	25
7119604	Total Hepta CDD	2020/12/22					<0.156, EDL=0.156	pg/g	NC	25
7119604	Total Hepta CDF	2020/12/22					<0.170, EDL=0.170	pg/g	NC	25
7119604	Total Hexa CDD	2020/12/22					<0.196, EDL=0.196	pg/g	NC	25
7119604	Total Hexa CDF	2020/12/22					<0.228, EDL=0.228	pg/g	NC	25
7119604	Total Penta CDD	2020/12/22					<0.369, EDL=0.369	pg/g	NC	25
7119604	Total Penta CDF	2020/12/22					<0.526, EDL=0.526	pg/g	NC	25
7119604	Total Tetra CDD	2020/12/22					<0.463, EDL=0.463	pg/g	NC	25
7119604	Total Tetra CDF	2020/12/22					<0.136, EDL=0.136	pg/g	10	25
7127826	Confirmation 2,3,7,8-Tetra CDF	2020/12/24					<0.12, EDL=0.12	pg/g		
7132986	Confirmation 2,3,7,8-Tetra CDF	2020/12/30					<0.12, EDL=0.12	pg/g		
7133822	Confirmation 2,3,7,8-Tetra CDF	2020/12/31					<0.099, EDL=0.099	pg/g	NC	100
7150649	1,2,3,4,6,7,8-Hepta CDD	2021/01/15	101	70 - 140	96	70 - 140	0.415, EDL=0.0378	pg/g	NC	25
7150649	1,2,3,4,6,7,8-Hepta CDF	2021/01/15	95	82 - 122	91	82 - 122	3.93, EDL=0.0224	pg/g	NC	25
7150649	1,2,3,4,7,8,9-Hepta CDF	2021/01/15	105	78 - 138	98	78 - 138	<0.0700, EDL=0.0700 (3)	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7150649	1,2,3,4,7,8-Hexa CDD	2021/01/15	98	70 - 164	95	70 - 164	0.0556, EDL=0.0406	pg/g	NC	25
7150649	1,2,3,4,7,8-Hexa CDF	2021/01/15	100	72 - 134	93	72 - 134	<0.130, EDL=0.130	pg/g	NC	25
7150649	1,2,3,6,7,8-Hexa CDD	2021/01/15	99	76 - 134	94	76 - 134	0.372, EDL=0.0392	pg/g	NC	25
7150649	1,2,3,6,7,8-Hexa CDF	2021/01/15	103	84 - 130	96	84 - 130	<0.0870, EDL=0.0870	pg/g	NC	25
7150649	1,2,3,7,8,9-Hexa CDD	2021/01/15	95	64 - 162	91	64 - 162	<0.152, EDL=0.152 (1)	pg/g	NC	25
7150649	1,2,3,7,8,9-Hexa CDF	2021/01/15	97	78 - 130	88	78 - 130	<0.0630, EDL=0.0630	pg/g	NC	25
7150649	1,2,3,7,8-Penta CDD	2021/01/15	94	25 - 181	91	25 - 181	<0.0930, EDL=0.0930 (3)	pg/g	NC	25
7150649	1,2,3,7,8-Penta CDF	2021/01/15	96	80 - 134	93	80 - 134	0.125, EDL=0.0471	pg/g	NC	25
7150649	2,3,4,6,7,8-Hexa CDF	2021/01/15	104	70 - 156	96	70 - 156	<0.0900, EDL=0.0900	pg/g	NC	25
7150649	2,3,4,7,8-Penta CDF	2021/01/15	91	68 - 160	89	68 - 160	0.0814, EDL=0.0361	pg/g	NC	25
7150649	2,3,7,8-Tetra CDD	2021/01/15	92	67 - 158	95	67 - 158	<0.0630, EDL=0.0630 (3)	pg/g	NC	25
7150649	2,3,7,8-Tetra CDF	2021/01/15	97	75 - 158	93	75 - 158	0.448, EDL=0.0367	pg/g	NC	25
7150649	Octa CDD	2021/01/15	96	78 - 144	90	78 - 144	0.868, EDL=0.0826	pg/g	NC (3)	25
7150649	Octa CDF	2021/01/15	100	63 - 170	95	63 - 170	<0.960, EDL=0.960 (3)	pg/g	NC	25
7150649	Total Hepta CDD	2021/01/15					0.415, EDL=0.0378	pg/g	NC	25
7150649	Total Hepta CDF	2021/01/15					6.43, EDL=0.0251	pg/g	NC	25
7150649	Total Hexa CDD	2021/01/15					1.07, EDL=0.0395	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7150649	Total Hexa CDF	2021/01/15					1.50, EDL=0.0304	pg/g	NC	25
7150649	Total Penta CDD	2021/01/15					<0.152, EDL=0.152	pg/g	NC	25
7150649	Total Penta CDF	2021/01/15					0.324, EDL=0.0410	pg/g	NC	25
7150649	Total Tetra CDD	2021/01/15					0.0713, EDL=0.0430	pg/g	NC	25
7150649	Total Tetra CDF	2021/01/15					0.687, EDL=0.0367	pg/g	NC	25
7162596	1,2,3,4,6,7,8-Hepta CDD	2021/01/22	103	70 - 140	103	70 - 140	<0.144, EDL=0.144	pg/g	NC	25
7162596	1,2,3,4,6,7,8-Hepta CDF	2021/01/22	93	82 - 122	96	82 - 122	<0.126, EDL=0.126	pg/g	NC	25
7162596	1,2,3,4,7,8,9-Hepta CDF	2021/01/22	101	78 - 138	100	78 - 138	<0.122, EDL=0.122	pg/g	NC	25
7162596	1,2,3,4,7,8-Hexa CDD	2021/01/22	106	70 - 164	100	70 - 164	<0.140, EDL=0.140	pg/g	NC	25
7162596	1,2,3,4,7,8-Hexa CDF	2021/01/22	101	72 - 134	97	72 - 134	<0.0977, EDL=0.0977	pg/g	NC	25
7162596	1,2,3,6,7,8-Hexa CDD	2021/01/22	107	76 - 134	107	76 - 134	0.314, EDL=0.141	pg/g	NC	25
7162596	1,2,3,6,7,8-Hexa CDF	2021/01/22	100	84 - 130	95	84 - 130	<0.100, EDL=0.100	pg/g	NC	25
7162596	1,2,3,7,8,9-Hexa CDD	2021/01/22	107	64 - 162	107	64 - 162	<0.149, EDL=0.149	pg/g	NC	25
7162596	1,2,3,7,8,9-Hexa CDF	2021/01/22	94	78 - 130	97	78 - 130	<0.101, EDL=0.101	pg/g	NC	25
7162596	1,2,3,7,8-Penta CDD	2021/01/22	106	25 - 181	101	25 - 181	<0.117, EDL=0.117	pg/g	NC	25
7162596	1,2,3,7,8-Penta CDF	2021/01/22	98	80 - 134	101	80 - 134	<0.140, EDL=0.140	pg/g	NC	25
7162596	2,3,4,6,7,8-Hexa CDF	2021/01/22	107	70 - 156	105	70 - 156	<0.0947, EDL=0.0947	pg/g	NC	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7162596	2,3,4,7,8-Penta CDF	2021/01/22	94	68 - 160	94	68 - 160	<0.128, EDL=0.128	pg/g	NC	25
7162596	2,3,7,8-Tetra CDD	2021/01/22	98	67 - 158	92	67 - 158	<0.147, EDL=0.147	pg/g	NC	25
7162596	2,3,7,8-Tetra CDF	2021/01/22	98	75 - 158	94	75 - 158	0.529, EDL=0.150	pg/g	NC	25
7162596	Octa CDD	2021/01/22	102	78 - 144	99	78 - 144	<0.153, EDL=0.153	pg/g	NC	25
7162596	Octa CDF	2021/01/22	105	63 - 170	99	63 - 170	<0.129, EDL=0.129	pg/g	NC	25
7162596	Total Hepta CDD	2021/01/22	100	N/A			<0.144, EDL=0.144	pg/g	NC	25
7162596	Total Hepta CDF	2021/01/22	189	N/A			<0.124, EDL=0.124	pg/g	NC	25
7162596	Total Hexa CDD	2021/01/22	312	N/A			0.957, EDL=0.146	pg/g	NC	25
7162596	Total Hexa CDF	2021/01/22	391	N/A			<0.0984, EDL=0.0984	pg/g	NC	25
7162596	Total Penta CDD	2021/01/22	103	N/A			<0.117, EDL=0.117	pg/g	NC	25
7162596	Total Penta CDF	2021/01/22	188	N/A			<0.134, EDL=0.134	pg/g	NC	25
7162596	Total Tetra CDD	2021/01/22	19	N/A			<0.147, EDL=0.147	pg/g	NC	25
7162596	Total Tetra CDF	2021/01/22	20	N/A			0.529, EDL=0.150	pg/g	2.7	25
7166984	1,2,3,4,6,7,8-Hepta CDD	2021/01/25			104	70 - 140	0.148, EDL=0.0371	pg/g	0.96	25
7166984	1,2,3,4,6,7,8-Hepta CDF	2021/01/25			98	82 - 122	0.0861, EDL=0.0369	pg/g	1.0	25
7166984	1,2,3,4,7,8,9-Hepta CDF	2021/01/25			106	78 - 138	<0.0456, EDL=0.0456 (3)	pg/g	0.94	25
7166984	1,2,3,4,7,8-Hexa CDD	2021/01/25			107	70 - 164	<0.0823, EDL=0.0823	pg/g	2.8	25

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QUALITY ASSURANCE REPORT(CONT'D)

BV Labs - Partial/Rush Results

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7166984	1,2,3,4,7,8-Hexa CDF	2021/01/25			104	72 - 134	<0.0490, EDL=0.0490	pg/g	0.96	25
7166984	1,2,3,6,7,8-Hexa CDD	2021/01/25			94	76 - 134	0.350, EDL=0.0773	pg/g	2.1	25
7166984	1,2,3,6,7,8-Hexa CDF	2021/01/25			106	84 - 130	<0.0410, EDL=0.0410	pg/g	2.8	25
7166984	1,2,3,7,8,9-Hexa CDD	2021/01/25			95	64 - 162	0.129, EDL=0.0770	pg/g	3.1	25
7166984	1,2,3,7,8,9-Hexa CDF	2021/01/25			99	78 - 130	<0.0427, EDL=0.0427	pg/g	2.0	25
7166984	1,2,3,7,8-Penta CDD	2021/01/25			95	25 - 181	0.124, EDL=0.0668	pg/g	2.1	25
7166984	1,2,3,7,8-Penta CDF	2021/01/25			100	80 - 134	0.0684, EDL=0.0520	pg/g	3.0	25
7166984	2,3,4,6,7,8-Hexa CDF	2021/01/25			105	70 - 156	<0.0403, EDL=0.0403	pg/g	0.95	25
7166984	2,3,4,7,8-Penta CDF	2021/01/25			95	68 - 160	0.0597, EDL=0.0401	pg/g	2.1	25
7166984	2,3,7,8-Tetra CDD	2021/01/25			99	67 - 158	<0.0535, EDL=0.0535	pg/g	0	25
7166984	2,3,7,8-Tetra CDF	2021/01/25			103	75 - 158	0.514, EDL=0.0514	pg/g	0.98	25
7166984	Octa CDD	2021/01/25			97	78 - 144	0.189, EDL=0.0948	pg/g	1.0	25
7166984	Octa CDF	2021/01/25			101	63 - 170	<0.104, EDL=0.104	pg/g	0	25
7166984	Total Hepta CDD	2021/01/25					0.148, EDL=0.0371	pg/g		
7166984	Total Hepta CDF	2021/01/25					0.0861, EDL=0.0407	pg/g		
7166984	Total Hexa CDD	2021/01/25					1.05, EDL=0.0788	pg/g		
7166984	Total Hexa CDF	2021/01/25					0.0688, EDL=0.0418	pg/g		

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7166984	Total Penta CDD	2021/01/25					0.124, EDL=0.0668	pg/g		
7166984	Total Penta CDF	2021/01/25					0.236, EDL=0.0454	pg/g		
7166984	Total Tetra CDD	2021/01/25					0.0977, EDL=0.0535	pg/g		
7166984	Total Tetra CDF	2021/01/25					0.843, EDL=0.0514	pg/g		
7176089	Confirmation 2,3,7,8-Tetra CDF	2021/01/29					<0.16, EDL=0.16	pg/g		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.RT>2 seconds - PCDD/DF analysis-Peak maxima of monitored ions exceeds 2 seconds

(3) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(4) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(5) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

BV Labs - Partial/Rush Results

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VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

<Original signed by>

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS

<Original signed by>

Cathy Xu, Scientific Specialist, Ultra Trace Analysis, HRMS

<Original signed by>

Melissa DiGrazia, Operations Manager, HRMS Department

<Original signed by>

Owen Cosby, BSc.C.Chem, Scientific Specialist, Ultra Trace Analysis, HRMS

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

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